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Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Level Expert Appraisal Committee(SEAC), HARYANA)
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Minutes of Agenda of 311th Meeting of the State Expert Appraisal Committee, Haryana State Level Expert Appraisal Committee meeting held from 29/01/2025 to 29/01/2025 **Date:** 02/02/2025

MoM ID: EC/MOM/SEAC/493023/1/2025

Agenda ID: EC/AGENDA/SEAC/493023/1/2025

Meeting Venue: Conference Hall (SEIAA), Bays No.55-58, First Floor, Paryatan Bhawan, Sector-2, Panchkula, Haryana

Meeting Mode: Physical

Date & Time:

29/01/2025	11:00 AM	05:00 PM

1. Opening remarks

At the outset the Chairman, SEAC welcomed the Members of the SEAC and advised the Member Secretary to give brief background of this meeting.

The following members joined the meeting:

Sr. No.	Name	Designation
1.	Shri Prabhaker Verma (Joined through VC)	Member
2.	Dr.Vivek Saxena, IFS	Member
3.	Sh.Rajbir Bondwal, IFS (Rtd). (Joined through VC)	Member
4.	Dr. Sandeep Gupta (Joined through VC)	Member
5.	Sh. Bhupender Singh Rinwa, Joint Director, Environment & Climate Change Department, Haryana (Joined through VC)	Member Secretary
6.	Sh.Sanjay Simberwal, Representative from Mines & Geology Department, Haryana	Mining Engineer

2. Confirmation of the minutes of previous meeting

The Minutes of 310th meeting were discussed and approved. In Agenda of this meeting, 20 nos. of projects, received on PARIVESH Portal, were taken up for scoping, appraisal and grading as per agenda circulated.

3. Details of proposals considered by the committee

Day 1 -29/01/2025

3.1. Agenda Item No 1:

3.1.1. Details of the proposal

Industrial Shed Project by **BEUMER INDIA PRIVATE LIMITED** located at **JHAJJAR,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/518564/2025	SEAC/HR/2024/306	15/01/2025	Building / Construction (8(a))

3.1.2. Project Salient Features

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/518564/2025 dated 15.01.2025 for obtaining **Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 639995 dated 03.01.2025.

Table 1 – Basic Detail

Name of the Project: Industrial Shed Project at Plot No. 1 & 2, Street E, Sector – 5, Model Economic Township, Village Dadri Toe, District Jhajjar, Haryana by M/s Beumer India Pvt. Ltd.		
S. No.	**Particulars**	**Proposed Details**
1.	Online Proposal Number	SIA/HR/INFRA2/518564/2025
2.	Latitude	28°30'11.20"N
3.	Longitude	76°46'10.38"E
4.	Total Plot Area	42,508.35 sqm (10.50 acres)
5.	Proposed Ground Coverage	22,285.00 sqm (52.42% of Total Plot Area)
6.	Proposed FAR	25,894.00 sqm
7.	Non-FAR Area	637.68 sqm
8.	Total Built-up area	26,531.68 sqm
9.	Total Green Area with %	6,696.00 sqm (15.75% of Total Plot Area)
10.	Rain Water Harvesting Pits (with size)	10 no. of recharge pits
11.	Total Parking	40 Four-wheeler Parking + 50 Two-wheeler Parking + 05 Trailer Parking
12.	Maximum Height of the Building (m)	17.0 m
13.	Power Requirement	800 kVA

14.	Power Backup		03 No. of DG sets Capacity: 1 x 500 kVA + 1 x 380 kVA + 1 x 12 5 kVA (PNG)	
15.	Total Water Requirement		37 KLD	
16.	Fresh Water Requirement		29 KLD	
17.	Treated Water		8 KLD	
18.	Wastewater Generated		12 KLD	
19.	Wastewater Treatment		Sewage/effluents generated from the project site will be discharged into the sewage/effluent netw ork of Model Economic Township (MET) for fu rther treatment	
20.	Solid Waste Generated		77 kg/day	
21.	Bio-degradable Waste		46 kg/day	
22.	Number of Buildings		02 Industrial Sheds	
23.	Basements		No Basement	
24.	Population		310 individuals	
25.	Total Proje ct Cost	i) Land Cost	Total Project Cost (i+ii): ₹165 Cr.	
		ii)Construction Cost		
26.	Incremental Load in respect of:		PM2.5	0.0203 µg/m^3
			PM10	0.0523 µg/m^3
			SO2	0.0703 µg/m^3
			NO2	0.3389 µg/m^3
			CO	0.2365 µg/m^3
27.	EMP Budget		Total EMP Budget: ₹275.0/- Lakhs (Including ₹50.0/- Lakhs for Adoption & Infrastructural D evelopment of Govt. School in nearby Village	

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply dated 29.01.2025 alongwith an affidavit mentioning therein as under:

1. That, this is an existing Industrial Shed project, wherein 02 blocks are under development as per the Consent to Establish (CTE) NOC dated 31.12.2024 for Built-up Area measuring 19,500 sqm ie; less than 20,000 sqm ***(Enclosure A)***
2. That, earlier the Industrial Shed Project was exempted from obtaining Environmental Clearance as per the MOEF&CC Notification S.O. 3252 (E) dated 22.12.2014, which

states that “industrial shed, school, college, hostel for educational institution shall be exempted from requirement of Environmental Clearance (EC) but shall ensure sustainable environmental management, solid and liquid waste management, rainwater harvesting and may use recycled materials such as fly ash bricks.” ***(Enclosure B)***

3. That, as per the High Court of Kerala at Ernakulum Judgment [in writ petition W.P. (C) No. 3097 of 2016 (S)] dated 17.09.2020 and 23.11.2020 against the amendment to the EIA Notification, 2006 dated 22.12.2014 dated 06.03.2024 which states that ”Notification dated 22.12.2014 is hereby quashed and set aside.” Now the industrial shed comes under purview of obtaining Environmental Clearance as earlier the exempted projects have to submit Sustainable Environmental Compliance. ***(Enclosure C)***
4. That, as per the aforementioned Notifications, M/s Beumer India Pvt. Ltd is seeking Environmental Clearance for the said project with Total Plot Area measuring 42,508.35 sqm (10.50 acres) and total Built-up Area of 26,531.68 sqm for 02 industrial sheds blocks.
5. That, the plot measuring 10.50 acres is an amalgamation of two existing land parcels i.e.; Plot 1 & Plot 2, which are a part of the total land area measuring 1,016 acres, under the ownership of M/s Model Economic Township Ltd.
6. That, the said Plots were previously under the ownership of M/s Aqualite Industries Pvt. Ltd. Later, both the plots were purchased by M/s Beumer India Pvt. Ltd. and the sale of the plots were settled through the Sale Deeds between M/s Aqualite Industries Pvt. Ltd. and M/s Beumer India Pvt. Ltd. attached as ***Enclosure D***
7. That, Forest NOC has been obtained by M/s Model Economic Township Ltd. for the complete licensed land area measuring 1,016 acres, which includes the land parcel measuring 10.50 acres for the proposed Industrial Shed Project ***(Enclosure E)***
8. That, Aravalli NOC is not applicable as the project site is located in District Jhajjar.
9. That, Fresh Water Supply services for the project will be provided by Model Economic Township (MET). The Services Agreement between M/s Model Economic Township Ltd. and M/s Beumer India Pvt. Ltd. is attached as ***Enclosure F***
10. That, the sewage/effluents generated from the project site will be discharged into the sewage/effluent network of Model Economic Township for further treatment (MET).
11. That, Electricity Supply will be provided from the Power Grid of M/s Model Economic Township Ltd.
12. That, the drawings of current proposal are under approval; project proposal has been submitted on Concept basis.
13. That, no HT line(s) is passing through the project site.
14. That, no Revenue Rasta(s) is passing through the project site.
15. That, the Total EMP budget for the project is ₹275.0/- Lakhs, from which ₹50.0/- Lakhs is allocated for outside of the project for Adoption & Infrastructural Development of Government School in nearby village. ***(Enclosure G)***
16. That, the total proposed green area at the project site is 6,696.00 sqm (Approx. 15.75% of Total Plot Area). Out of this, an area measuring 5,101.00 sqm (12.0% of Total Plot Area) will be developed under Block Green Plantation. ***(Enclosure H)***
17. That, Bio-degradable waste from the site will be handed over to an authorised vendor since installation of Organic Waste Convertor (OWC) is not mandatory considering the Built-up Area of 26,531.68 sqm. This is in reference to the Haryana Building Code 2017 and further amendments (Clause No. 12.1; Category B - Built-up Area: 20,000 - 50,000 sqm, Condition No. 3) ***(Enclosure I)***
18. That, Solar Photovoltaic Panels of capacity approx. 40 kW will be installed in the project premises.
19. That, the Fire NOC will be obtained before commencement of operation phase.
20. That, there are no Notified Protected Areas, Wildlife Sanctuaries, or National Parks within 10 km radius of the Project site.
21. That, there is no legal case pending against the proposed land or the Project Proponent

PP also submitted EMP Details of the project as under:

TABLE 2: EMP DETAILS

EMP BUDGET (CONSTRUCTION PHASE)

S. No.	Component	Capital Cost (₹ in Lakhs)	Recurring Cost (₹ in Lakhs) per annum
1	Mobile Toilets & Septic Tanks	20	5
2	Air Pollution Control (tarpaulin sheets/ barricading, wheel washing, water sprinkling)	11	3.5
3	Anti-smog gun(s)	10	5
4	Noise Pollution Control (Maintenance of Machinery)	4	2
6	AQI Monitoring Sensors	1	0.5
6	Environment monitoring & Six-Monthly compliances	-	6
7	Environment Management Cell	-	7
TOTAL		**46.0/-**	**29.0/-**

EMP BUDGET (OPERATION PHASE)

S. No.	Component	Capital Cost (₹ in lakhs)	Recurring Cost (₹ in lakhs) per annum
1	Rainwater Harvesting System	20	8
2	Solid Waste Management	10	5
3	Tree Plantation	70	30
4	Environment Management Cell, Environment Monitoring & Six-Monthly Compliances	-	7
TOTAL		**100.0/-**	**50.0/-**

EMP BUDGET: OUTSIDE PROJECT PREMISE

Activities	Cost (₹) - in Lakhs	
Adoption & Infrastructural Development of Govt. School in nearby Village	**50.0/-**	

TOTAL EMP BUDGET

Particulars	Total Cost (₹ in lakhs)

EMP Budget (Capital cost)	146.0/-
EMP Budget (Recurring cost)	79.0/-
EMP Budget (Outside Project Premise)	50.0/-
TOTAL	**275.0/-**

3.1.3. Deliberations by the committee in previous meetings

N/A

3.1.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding Land License, EMP, Landscape Plan, Land Ownership, Sale Deed, Forest NOC, Aravalli NOC, Water, Sewage/Effluents, Power, Concept Base, HT Line, Revenue Rasta, as well as the submissions made by the PP.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Beumer India Pvt. Ltd. (as per Sale Deeds dated 28.03.2024)

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.1.5. Recommendation of SEAC

Recommended

3.1.6. Details of Environment Conditions

3.1.6.1. Specific

N/A

3.1.6.2. Standard

8(a)	**Building / Construction**
Statutory compliance	
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
Air quality monitoring and preservation	
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7.	Wet jet shall be provided for grinding and stone cutting.

8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.
Water quality monitoring and preservation	
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
8.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
10.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided

	for ground water recharging as per the CGWB norms.
12.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13.	All recharge should be limited to shallow aquifer.
14.	No ground water shall be used during construction phase of the project.
15.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
18.	No sewage or untreated effluent water would be discharged through storm water drains.
19.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
21.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
Noise monitoring and prevention	
1.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
Energy Conservation measures	

1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2.	Outdoor and common area lighting shall be LED.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
Waste Management	
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
10.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

Green Cover	
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
Transport	
1.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
Human health issues	
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

5.	Occupational health surveillance of the workers shall be done on a regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.
7.	i. The project proponent shall comply with the provisions of CER, as applicable.
8.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or share holders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report
9.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization
10.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
Miscellaneous	
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2.	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
8.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as

	amended subsequently and put on the website of the company.
9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP reportand also that during their presentation to the Expert Appraisal Committee.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
13.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
18.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
Specific Conditions	
1.	**The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2.	The PP shall take the necessary approval from PESO, if applicable.
3.	The PP shall follow the compliance of Public Liability Insurance Act, 1991.
4.	The PP shall carry the isolated storage of each chemical to be stored with the existing precautions as per the MSHIC Rules, 1989 and abide by all conditions of MSDS.
5.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightening etc.
6.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall

	be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project.
7.	The PP and consultant agree to display the First Aid measure, Fire Fighting Measure, Accidental Release measure, Exposure and control (Personal Measure) at the site.
8.	The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
9.	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/reused for flushing. DG cooling, Gardening and HVAC.
10.	The PP shall comply with provisions of Occupational Safety health and working conditions Code 2019.
11.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
12.	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
13.	Separate wet and dry bins must be provided for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage should be managed through authorised vendors. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to solid waste dumping site through authorized vender.
14.	The PP shall implement the EMP and assess that the implemented EMP is adequate and periodic environmental audits shall be conducted and maintained the records of audit. These audits shall be followed by Corrective action plan to correct the various measures identified during the audits (CAP).
15.	The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used.
16.	The PP shall not carry any construction below the HT Line passing through the project, if any.
17.	The PP shall not carry any construction above or below the Revenue Rasta, if any.
18.	The PP shall obtain the permission regarding withdrawal of ground water from CGWA/State water Authority, Haryana before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
1	The PP shall not allow parking of the vehicles on the roads or revenue Rasta outside the project

9.	area.
20.	The PP shall not give occupation or possession before the water supply and sewage connection permitted by the competent authority.
21.	The PP shall develop the onsite and offsite emergency plan in consultation with the regulatory authority.
22.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
23.	The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
24.	The PP may provide electric charging stations to facilitate electric vehicle commuters.
25.	PP shall submit timeline regarding implementation of green plan.
26.	The PP shall not allow establishment of any category A or B type industry in the project area.
27.	The PP shall carry out the quarterly awareness programs for the staff.
28.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
29.	The PP shall comply with provisions of Manufacturing storage and import of Hazardous chemical rules.
30.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
31.	Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
32.	A minimum of 1 tree for every 80sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species.
33.	The species with heavy foliage, broad leaves and wide canopy cover are desirable.
34.	Water intensive and/or invasive species should not be used for landscaping.
35.	**As proposed 6,696.00 sqm (Approx. 15.75% of Total Plot Area**) shall be provided for green area development at the site. Out of this, an area measuring **5,101.00 sqm (12.0% of Total Plot Area)** will be developed under Block Green Plantation.
36.	**10 Rain Water Harvesting pits,** shall be provided at the project site.

37.	The PP shall install Solar Photovoltaic Panels of capacity approx. 40 kW in the project premises.
38.	The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
39.	**The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in).**
40.	**The PP shall get project electrification plan approved from the competent authority before operation of the project.**
41.	The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

3.2. Agenda Item No 2:

3.2.1. Details of the proposal

Expansion of Group Housing Project on an area measuring 13.344 Acres at Village- Badshahpur, Sector-67, Gurugram, Haryana by **CONSOLIDATE REALTORS PRIVATE LIMITED** located at **GURUGRAM,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/518409/2025	SEAC/HR/2024/283	16/01/2025	Townships/ Area Development Projects / Rehabilitation Centres (8(b))

3.2.2. Project Salient Features

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/518409/2025 dated 16.01.2025 for obtaining **Environment Clearance for Expansion** under Category 8(b) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 502548 dated 07.12.2024.

Table 1 – Basic Detail

NAME OF THE PROJECT: Environment Clearance For Proposed Expansion Of Group Housing Project On Area Measuring 13.344 Acres At Village- Badshahpur, Sector-67, Gurgaon, Haryana By M/s Consolidate Realtors Pvt. Ltd.				
Sr. No.	**Particulars**	**As per Previous EC**	**Proposed Expansion**	**Total After Expansion**
	Online Project Proposal Number	**SIA/HR/INFRA2/518409/2024**		
	Latitude	28°23'22.08"N		
	Longitude	77° 3'34.83"E		

	Plot Area (m^2)	54000.83	+0.33	54001.17
	Proposed Ground Coverage (m^2)	9717.43	No Change	9717.43
	Proposed FAR (m^2)	113269.11	+2635.65	115904.76
	Non-FAR Area (m^2)	60630.79	+267.64	60898.43
	Total Built Up area (m^2)	173899.90	+2903.29	176803.19
	Total Green Area with Percentage (m^2) (29.86 % of plot Area)	16125.803	No Change	16125.80 (5658.05 m^2 under block plantation)
	Rain Water Harvesting Pits (No.)	24.00	No Change	24.00
	STP Capacity (KLD)	500	No Change	500
	Total Parking (ECS)	1315	+41.00	1356
	Organic Waste Converter (Kg/day)	500	+1000	1500 (3x500 kg/day)
	Maximum Height of the Building (m)	112	+8	120
	Power Requirement (KVA)	7970	No Change	7970
	Power Backup (KVA))	6500	No Change	6500
	Total Water Requirement (KLD)	417.00	+9.08	426.08
	Fresh Water Requirement (KLD)	263.00	+6.55	269.55
	Waste Water Generated (KLD)	297	+7.07	304
	Solid Waste Generated (TPD)	2.07	+0.09	2.16
	Biodegradable Waste (TPD)	1.25	+0.05	1.30
	Maximum Number of Floors	2B+G+32	Addition of 1 floor	2B+G+33
	Total no of Saleable DU's	639	+16	655
	EWS Units	114	+2	116
	Total Cost of the project (Cr.):	261.00	+49.35	310.35
	Incremental Load in respect of: i) PM 2.5 ($\mu g/m^3$)	-	-	0.307
	ii) PM 10 ($\mu g/m^3$)	-	-	0.511

	iii) SO_2 (µg/m^3)	-	-	0.378
	iv) NO_2 (µg/m^3)	-	-	8.20
	ii) CO (mg/m3)			0.00637
	Construction Phase:		-	250 KVA
			-	Tanker water supply from nearby STP
			-	4 Nos.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, License No. 53 of 2011 has been obtained from DTCP for setting up Group Housing Colony and renewal of license has been obtained vide Memo. No. LC-1142-PA(SK)-2024/22537 dated 22.07.2024 valid till **09.06.2029**. Copy of license and its renewal are attached as **Annexure-1 & 1A.**
- That, earlier Environment Clearance was granted by State Environment Impact Assessment Authority (SEIAA), Haryana vide letter No. **SEIAA(125) HR/2020/523** dated 04/11/2020 for plot area **54,000.832 sq.m**. and built-up area **1,73,899.904** sqm.
- That, due to TDR the built-up area is increasing from **1,73,899.90 sqm** to **1,76,803.19 sq.m. a copy of TDR certificate is attached as Annexure 2.**
- That**,** the plot area will remain same and there is **addition of four floors in Tower T-11 (16 Main DU's and 2 EWS).**
- That, Comparative statement of the project is as below: -

S. No.	Description	As per Previous E C	Proposed Exp ansion	Total After Expa nsion	Unit
1.	Plot Area (13.344 Acres)	54000.83	+0.33	54001.17	Sqm.
2.	Total Built-up Area	173899.90	+2903.29	176803.19	Sqm.
3.	Proposed Ground Coverage	9717.43	No Change	9717.43	Sqm.
4.	Proposed FAR	113269.11	+2635.65	115904.76	Sqm.
5.	Proposed NON-FAR	60630.79	+267.64	60898.43	Sqm.
6.	Maximum Height of Building	112	+8	120	M
7.	Number of Towers	12	No Change	12	Nos.
8.	Dwelling Units / EWS	639	+16	655	Nos.
9.	EWS	114	+2	116	Nos.
10.	Basement	2	No Change	2	Nos.
11.	Max. No. of Floors	G+32	Addition of 1 f	G+33	Nos.

			loor		
12.	Total Cost of the project	261.00	+49.35	310.35	Cr.
13.	Total water requirement	417.00	+9.08	426.08	KLD
14.	Fresh Water Requirement	263.00	+6.55	269.55	KLD
15.	Waste Water generation	297	+7.07	304	KLD
16.	STP Capacity	500	No Change	500	KLD
17.	Rain water Harvesting	24.00	No Change	24.00	Nos.
18.	Total Green area	16125.803	No Change	16125.803	sqm
19.	Total Parking	1315	+41.00	1356	ECS
20.	Solid Waste Generation	2.07	+0.09	2.16	TPD
21.	Biodegradable waste	1.25	+0.05	1.30	TPD
22.	Power Requirement	7970.00	No Change	7970.00	kW
23.	DG Backup	6500.00	No Change	6500.00	kVA

- That, Construction status of the project is as below:

Particulars	As per previous EC	As per revised pro posal	Changes	Construction Status a s on date
Tower 1	G+23	G+23	No Change	Completed
Tower 2	G+18	G+18	No Change	Completed
Tower 3	G+18	G+18	No Change	Completed
Tower 4	G+22	G+22	No Change	Completed
Tower 5	G+20	G+20	No Change	Completed
Tower 6	G+18	G+18	No Change	Completed
Tower 7	G+32	G+32	No Change	Completed
Tower 8	G+26	G+26	No Change	Completed
Tower 9	G+18	G+18	No Change	Completed
Tower 10	G+25	G+25	No Change	Completed
Tower 11	G+29	G+33	Addition of 4 Floors	4th Floor structure co mpleted

EWS	G+4	G+4	No Change	Partially completed

- That, Status of existing environment feature and completion schedule is as below:

Sr. No.	Particulars	Status	Schedule of Completion
1	STP	500 KLD capacity STP is installed at site	Completed
2	Rain Water Harvesting	17 No. of RWH pits are available at the site.	Remaining 7 nos. of RWH will be installed by June 2027.
3	Solar	40 kwp solar panel is installed at the site.	Addition 20 kWP solar will be installed by June 2027.
4	DG sets	3500 KVA (2*1500+1* 500 KVA) is installed at the site.	Remaining will be installed by June 2027.
5	OWC	500 kg/day capacity OWC is installed at site	Remaining 1000 kg /day (2x500 kg/day) will be installed by Dec 2026.
6	Green area	16125.803 sqm green area developed. 575 Nos. of trees already planted.	Block plantation 5658.05 sqm will be developed by Dec 2026.

- That, we have increased solar from 40 kWP to 60 kWP.
- That, Water supply, Storm water, Sewer discharge and Electricity permissions have been obtained. Copies are attached as **Annexure-3.**
- That, the project is on concept basis.
- That, Certified compliance Report from MoEF&CC has been obtained with vide file No. F. No.: 4-1196/2013/RO(NZ)/e File dated 10/01/2025. ATR has been submitted on 18.01.2025.
- That, Soil investigation report, Ground Water Quality has been carried out and submitted along with EIA report.
- That revised EMP budget is attached as **Annexure-4.**
- That, proposed green area of the project is 16125.80 sq m out of which 5658.05 sqm i.e. 10.5% of plot area under block plantation. Landscape plan is attached as **Annexure-5.**
- That, there is no litigation pending against the project.

PP also submitted EMP detail as following:

Table 2 – EMP Detail

ENVIRONMENT BUDGET (Operation Stage)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
RAIN WATER HARVESTING PITS	42	6.30
SOLID WASTE STORAGE BINS & COMPOSTER	17.00	11.22
HORTICULTURE DEVELOPMENT (TREE PLANTATION & LANDSCAPING) EXCLUDING LAWN AREA DEVELOPMENT	12	2.5
ENVIRONMENT MONITORING & 6 MONTHLY COMPLIANCES OF E		2.00

NVIRONMENT CLEARANCE CONDITIONS		
TOTAL	**71**	**22.02**

BUDGET OUTSIDE THE PROJECT SITE CER	
COMPONENT	**Capital Cost (in lacs)**
Adoption of school in nearby village	35

3.2.3. Deliberations by the committee in previous meetings

N/A

3.2.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding License, Earlier EC, TDR, Plot Area, Built-Up Area, Floors, Towers, Comparative Statement, STP, RWH, Solar Power, Power, OWC, Green Area, Concept Basis, Concept Basis, Certified Compliance Report, ATR, Soil Investigation Report, Ground Water Quality, EMP Budget, Landscape Plan as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance for Expansion** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Consolidated Realtors Private Limited as per License No.53 of 2011 dated 10.06.2011, issued by Department of Town & Country Planning and its further Renewal issued vide Endst No.LC-1142-PA(SK)-2024/22537 dated 22.07.2024 (valid upto 09.06.2029)

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.2.5. Recommendation of SEAC

Recommended

3.2.6. Details of Environment Conditions

3.2.6.1. Specific

N/A

3.2.6.2. Standard

8(b)	**Townships/ Area Development Projects / Rehabilitation Centres**

Statutory compliance

1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
Air quality monitoring and preservation	
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.

6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7.	Wet jet shall be provided for grinding and stone cutting.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.
Water quality monitoring and preservation	
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
8.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
10.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

11.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13.	All recharge should be limited to shallow aquifer.
14.	No ground water shall be used during construction phase of the project.
15.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
18.	No sewage or untreated effluent water would be discharged through storm water drains.
19.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
21.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
Noise monitoring and prevention	
1.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

Energy Conservation measures	
1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2.	Outdoor and common area lighting shall be LED.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
Waste Management	
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
1	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing

0.	guidelines/ rules of the regulatory authority to avoid mercury contamination.
Green Cover	
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
Transport	
1.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
Human health issues	
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and

	facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5.	Occupational health surveillance of the workers shall be done on a regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.
7.	i. The project proponent shall comply with the provisions of CER, as applicable.
8.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or share holders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
9.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
10.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
Miscellaneous	
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2.	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report

8.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP reportand also that during their presentation to the Expert Appraisal Committee.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
13.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
18.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
Specific Conditions	
1.	**The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2.	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
3.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
4.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be

	implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
5.	The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
6.	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
7.	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
8.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time.
9.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
10.	Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
12.	The PP shall not carry any construction above or below the Revenue Rasta, if any.
13.	The PP shall keep the ROW below the HT Line passing through the project, if any.
14.	The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
15.	Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
16.	The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used. The DG sets will

	be operated for maximum 04 hours during power failure through Executing Agency.
17.	The PP shall not give occupation or possession before the water supply, electricity and sewage connection permitted by the competent authority.
18.	The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
20.	The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
21.	The PP may provide electric charging stations to facilitate electric vehicle commuters.
22.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
23.	The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
24.	The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
25.	In the proposed landscape plan, native species shall be included as per the list of concerned DFO.
26.	The minimum growth of trees should be 03 meters with sufficient canopy.
27.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
28.	Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
29.	A minimum of 1 tree (5’ tall) for every 80 sqm of land should be planted and maintained and the existing trees will be counted for this purpose.
30.	The species with heavy foliage, broad leaves and wide canopy cover are desirable.
31.	Water intensive and/or invasive species should not be used for landscaping.
32.	As proposed PP shall provide **16125.80 sqm** for green area development out of which **5658.05 sqm i.e. 10.5 %** of plot area under block plantation.
33.	**24 Rain Water Harvesting Pits** shall be provided for ground water recharging as per the CGWB norms.

34.	The PP shall increase **solar from 40 kWP to 60 kWP.**
35.	The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
36.	**The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in).**
37.	**The PP shall get project electrification plan approved from the competent authority before operation of the project.**
38.	The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

3.3. Agenda Item No 3:

3.3.1. Details of the proposal

Environment Clearance for Mining of Stone with 20,01,000 TPA production capacity over an area of 10.72 Ha. l ocated at Village - Amarpur Jorasi, Tehsil - Narnaul, District- Mahendragarh, State- Haryana. by **RM SECURE SERVICES PRIVATE LIMITED** located at **MAHENDRAGARH,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/MIN/517080/2025	SEAC/HR/2024/150	16/01/2025	Mining of minerals (1(a))

3.3.2. Project Salient Features

The Project Proponent submitted online Proposal No.SIA/HR/MIN/517080/2025 dated 16.01.2025 for obtaining **Environment Clearance** under Category 1(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,50,000/- vide DD No.004951 dated 05.04.2023 during submission for ToR. The ToR was granted to the project on 16.07.2024.

Table 1 – Basic Detail

Name of the Project: Mining of Minor Mineral Stone with 20,01,0000 TPA (ROM) production capacity over an area 10.72 ha at village Amarpur Jorasi, Tehsil- Narnaul, District Mahendragarh and state Haryana proposed by M/s. RM Secure Services Private Limited		
	Online Proposal Number	SIA/HR/MIN/517080/2025
	Name of the Project	Mining of Minor Mineral Stone with 20,01,0000 TPA (ROM) productio n capacity over an area 10.72 ha at village Amarpur Jorasi, Tehsil- Narn aul, District Mahendragarh and state Haryana proposed by M/s. RM Sec ure Services Private Limited.
	Nature & category of Mine	1(a) Mining of Minerals (Non-Coal Mining) Category B1

<table>
<tr><td></td><td>Location of Project</td><td>Village Amarpur Jorasi, Tehsil- Narnaul, District Mahendragarh and state Haryana</td></tr>
<tr><td></td><td>Toposheet No.</td><td>54A/1</td></tr>
<tr><td></td><td>Area of the project</td><td>10.72 ha</td></tr>
<tr><td></td><td>Date of LOI Granted by Mines & Geology Department, Haryana</td><td>20.07.2022 for a period of 10 years</td></tr>
<tr><td></td><td>Date of Approval of TOR by MoEF&CC</td><td>16.07.2024</td></tr>
<tr><td></td><td>Date of Approval of mine plan Granted by Mines & Geology Department, Haryana</td><td>20.06.2024</td></tr>
<tr><td></td><td>Maximum Production Capacity</td><td>20,01,000 TPA</td></tr>
<tr><td></td><td>Mineable Reserve</td><td>1,1,712,765 Tones</td></tr>
<tr><td></td><td>Geographical co-ordinates</td><td><table><tr><td>Pillars</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>27°59’43.816”</td><td>76°03’57.303”</td></tr><tr><td>B</td><td>27°59’44.816”</td><td>76°04’0.503”</td></tr><tr><td>C</td><td>27°59’36.944”</td><td>76°04’4.145”</td></tr><tr><td>D</td><td>27°59’27.279”</td><td>76°03’52.163”</td></tr><tr><td>E</td><td>27°59’28.783”</td><td>76°03’51.295”</td></tr></table></td></tr>
<tr><td></td><td>Elevation Range in the area</td><td>The site elevation of the project area is 350 mRL.</td></tr>
<tr><td></td><td>Mining Method & Technology</td><td>The mining will be semi mechanized opencast with hydraulic machineries and tippers.</td></tr>
<tr><td></td><td>Ultimate depth of Mining</td><td>296 mRL (Depth of workings up to conceptual period)</td></tr>
<tr><td></td><td>Ground water level</td><td>The depth to the water table at the project site is 140 meters below ground level (mbgl)</td></tr>
<tr><td></td><td>GWT intersection</td><td>Mining will not intersect ground water table, so there will be no effect on ground water table. The general ground water table in the area is 140m below the surface level of the lease area. Depth of working up to the conceptual period is 296 mRL. Therefore, ground water table will not be touched during first five years as well as the conceptual period of mining.</td></tr>
<tr><td></td><td>Water Requirement</td><td>Total Water Requirement: 10 KLD
Dust suppression: 4.5 KLD
Domestic/Drinking: 3.5 KLD
Green belt/Plantation: 2.0 KLD
Source: Through tanker water supply from the nearby village controlled by the public health department of the State Govt.</td></tr>
</table>

	Project Cost	Rs. 16.5 Crore
	Source of water	The total water requirement for the mine lease is 10 KLD, which shall b e met through tanker water supply from the nearby village controlled by the public health department of the State Govt.
	Environment Management Plan Bu dget	Capital Cost: Rs.90 Lakhs Recurring Cost: Rs.22 Lakhs per Annum
	CER Budget	Rs. 50 Lakhs
	Power Requirement	Electric power is available along the tar road and at nearby habitation. R equired power for lighting arrangement will be made as per Regulation 146 of MMR 1961.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 31.01.2025 mentioning therein as under:

That, the Letter of Intent has been issued to M/s RM Secure Services Private Limited by Director of Mines & Geology, State Govt. of Haryana, Chandigarh vide Memo No. DMG/HY/Amarpur Jorasi/MGR/2022/4654 dated 20.07.2022 for Mining of stone minor mineral at Village Amarpur Jorasi, Tehsil - Narnaul, District- Mahendragarh State-Haryana for a period of 10 years with effect from 20.07.2022 under MMD&R 1957.

ToR was issued by SEIAA, Haryana vide identification no. TO23B0108HR5660195N dated 16.07.2024. On the basis of ToR, the draft EIA report has been prepared and submitted to HSPCB for Public Hearing on dated 23.07.2024.

Thereafter, The Public Hearing was conducted on 30.12.2024 and the Final EIA was submitted to SEIAA, Haryana dated 16.01.2025 for Grant of Environment Clearance.

That, this mining site “Amarpur Jorasi Stone Mine” was initially allotted to M/s Muneer Enterprises on 03.01.2014 for tenure of 10 years. Environmental Clearance (EC) for mining over 10.72 hectares was obtained from SEIAA, Haryana, on 24.01.2015. Consent to Operate (CTO) was granted by HSPCB on 04.01.2016, and mining operations commenced on 01.02.2016. The mining lease was terminated by the Mines & Geology Department, Haryana, due to non-payment of government dues. After which we participated in the fresh auction dated 06.06.2022 conducted by the Mines & Geology Department, Haryana and were allotted the mine after being declared the highest bidder. Accordingly, The Letter of Intent has been issued to M/s RM Secure Services Private Limited by Director of Mines & Geology, State Govt. of Haryana, Chandigarh vide Memo No. DMG/HY/Amarpur Jorasi/MGR/2022/4654 dated 20.07.2022 for a period of 10 years with effect from 20.07.2022 under MMD&R 1957.

3. That, the M/s RM Secure Services Private Limited has obtained the fresh Mining Plan including Progressive Mine Closure Plan has been approved by Directorate of Mines & Geology Panchkula, Haryana vide letter no. DMG/HY/MP/Amarpur Jorasi/2024/2991 Panchkula dated 20.06.2024 for a production capacity of 20,01,000 TPA.
4. That, The District Survey report for the District Mahendragarh has been approved by Deputy Commissioner, Mahendragarh vide letter no. 6965 dated 07.02.2023 and the mining site is in accordance with the village mentioned in DSR and as per the LoI Issued by the Mines & Geology Department, Haryana.
5. That, the demarcation of land was done on dated 09.01.2025 by the Patwari and official from Forest Department, Narnaul, Mahendragarh.
6. That, the mining operation will be carried out strictly within the allotted lease area.
7. That, in addition to greenbelt development, plantation will also be undertaken on 2.5 hectares,

with indigenous and fruit bearing plants, of land in nearby villages, as allotted by the Gram Panchayat.

8. That, the detail about proper benching, process of mining and precautions measures with year-wise production plan during the mining operation is attached as **Annexure – I.**
9. That, the total EMP Budget for the proposed project is ₹200/- Lakhs, out of which ₹20/- Lakhs will be earmarked for Aravali Green and Aravali Safari.
10. That, we have submitted the Wildlife Conservation Plan for approval and mining operation will start only after approval of the wildlife conservation plan.
11. That, there is no involvement of forest land in the proposed project.
12. That, we will construct septic tank of appropriate capacity to treat domestic waste water.
13. That, the revised EMP and public hearing budget is attached as **Annexure – II.**
14. That, the total cost of the project is Rs.16.5 Crores, and CA certificate in this regard is attached as **Annexure - III.**
15. That there are no litigations cases pending against the project.
16. That there is no Revenue Rasta, HT Line, and trees present within the project site and at present the mine is not operational, as this is a Greenfield project.
17. That, no Wildlife Sanctuaries or Notified Protected Areas fall within the 10 km radius of the project site. Asola Wildlife Sanctuary and Sultanpur National Park lie at about 17.50 km (NE) and 95 km (NE) from the project site respectively.
18. That the declaration made above is true to the best of my knowledge.

Table 2 – EMP Detail

S. No.	Particulars	Capital Cost	Recurring Cost
		(In Lakh)	(In Lakhs/Annum)
1.	Air Pollution Control Measures	15	5
2.	Noise Pollution Control Measures	7	3
3.	Greenbelt Development	24	8
4.	Construction of Garland Drain & Settling Pond	8	3
5.	Rain Water Harvesting	9	1
6.	Fire Fighting and Safety Measures	4	1
7.	Road Maintenance	3	1
8.	Aravali Green and Aravali Safari	20	-
Total		**90**	**22**

The total EMP Budget is summarized below:

Sl. No.	Particulars	Total Cost (₹ in Lakhs)
1.	EMP Budget (Capital Cost)	90

	(Including Aravali Green and Aravali Safari-outside le ase area)	
2.	EMP Budget (Recurring Cost /Per Year)	22
Total EMP Budget for Five Years		**200**

Proposed Production Plan:

Major Mining Equipment

S. No	Machineries	Capacity	Unit
1.	Excavator	135 HP	5
2.	Drill Machines	D-35	5
3.	Compressor	160 HP	2
4.	Dumpers Ashok Ley Land	50 Tons	12
5.	Water Tanker	5000 liters	1
6.	Fogger	1	1
7.	Service Van	1	1
8.	Jeep	1	1
9.	Pumps	40 HP	1

3.3.3. Deliberations by the committee in previous meetings

N/A

3.3.4. Deliberations by the SEAC in current meetings

The Committee thoroughly discussed the documents submitted by the Mines & Geology Department, details, LoI, Mining Plan, DSR, contents of affidavit and documents submitted by the PP at length. The PP has proposed rate of production as **20,01,000 TPA** in District **Mahendragarh**, Haryana.

After deliberations the Committee was of the unanimous view to recommend the case to SEIAA for granting Environmental Clearance under Category B1, 1(a) **till the validity of Mining Plan** for

Mining of Minor Mineral Stone with 20,01,0000 TPA (ROM) production capacity over an area 10.72 ha at Village Amarpur Jorasi, Tehsil Narnaul, District Mahendragarh and State Haryana under EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India to:-

M/s RM Secure Serviced Private Limited, as per Letter of Intent issued vide Memo No.DMG/HY/Amarpur Jorasi/MGR/2022/4654 dated 20.07.2022 by DG, Mines & Geology, Haryana.

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.3.5. Recommendation of SEAC

Recommended

3.3.6. Details of Environment Conditions

3.3.6.1. Specific

Specific conditions	
1.	The Environmental Clearance is granted subject to the Final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of India and any other court of law, if any as applicable to this project.
2.	The PP shall construct the pucca link roads to the mining site before the start of mining.
3.	The PP shall prepare the Mine safety plan and get it approved from the competent authority before the start of mining.
4.	The Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers.
5.	Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The Project Proponent shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.
6.	Likewise, Alteration or re-routing of foot paths, pagdandies, cart roads, and village infrastructure public utilities or roads (for purposes of land acquisition for mining) shall be avoided to the extent possible and in case such acquisition is inevitable, alternative arrangements shall be made first and then only the area acquired. In these types of cases, inspection Reports by site visit by experts may be insisted upon which should be done through reputed institutes.
7.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
8.	The PP shall ensure that the amount as earmarked in EMP Budget for Development and

	Maintenance of Haulage Route as demanded by the locals during the Public Hearing be spent.
9.	The EMP cost on Socio Economic Activities shall be used at the project site and EMP recurring for the project shall be spent throughout the operation of the project.
10.	Socio Economic Development of the neighbourhood Habitats could be planned and executed by the Project Proponent more systematically based on the 'Need based door to door survey' by established Social Institutes/Workers. The report shall be submitted to the SEIAA on six monthly bases.
11.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tank, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.
12.	Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented.
13.	An independent study be organized during peak activity, to understand how the actual compare with the carrying capacities and further decisions taken to maintain sustainability of this essential stone extraction and supply activity. Project Proponent shall ensure that the road may not be damaged due to transportation of stone.
14.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project.
15.	No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
16.	Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The PP shall complete all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing.
17.	The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. In case of working below ground water table, prior approval of the Ministry of Environment, forest and Climate Change and Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out; The Report on six monthly basis on changes in Ground water level and quality shall be submitted to the Regional Office of the Ministry.
18.	The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also be done regularly Vehicles with PUCC only will be allowed to ply. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centres.

19.	There shall be planning, developing and implementing facility of rainwater harvesting measures on long terms basis in consultation with Regional Director, Central Groundwater Board and implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.
20.	Where ever blasting is undertaken as part of mining activity, the Project Proponent shall carry out vibration studies well before approaching any such habitats or other buildings, to evaluate the zone of influence and impact of blasting on the neighbourhood. Within 500 meters of such sites vulnerable to blasting vibrations avoidance of use of explosives and adoption of alternative means of mineral extraction, such as ripper/dozer combination/rock breakers/surface miners etc. should be seriously considered and practiced wherever practicable. A provision for monitoring of each blast should be made so that the impact of blasting on nearby habitation and dwelling units could be ascertained. The covenant of lease deed under Rule 31 of MCR 1960 provides that no mining operations shall be carried out within 50 meters of public works such as public roads and buildings or inhabited sites except with the prior permission from the competent authority.
21.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of work.
22.	Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
23.	The PP shall take precautions to suppress the dust in and around the mining site and use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
24.	Implementation of Haryana Government Rehabilitation and Resettlement of Land Owners' Policy as per applicability in the area shall be ensured.
25.	Implementation of Environment Management Policy of the Company w.r.t. judicious use of Mineral resources for growth & development synchronizing mining & environment with prosperity shall be ensured.
26.	The Project Proponent shall also take all precautionary measures during mining operation for conservation and protection of endangered flora/fauna, if any, spotted in the study area.
27.	The illumination and sound at night at project site, disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. Project Proponent must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.
28.	A comprehensive study for slope stabilization of mine benches and OB dumps shall be undertaken within one year.
29.	The PP shall manage the overburden at the mining site if left after sale.
30.	Washing of all transport vehicles should be done inside the mining lease.
3	The PP shall create environment division unit in the project for implementing the conditions of

1.	Environment clearance.
32.	The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project if any and also obtained the CTO from HSPCB after the approval from CGWA.
33.	Any change in stipulations of EC of the approved mining plan will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
34.	The PP shall adhere to the approved mining plan and approved closure plan by the competent authority.
35.	**The PP shall get the Wildlife Conservation Plan approved from competent authority before start of Mining Operations.**
36.	**The PP shall undertake plantation on 2.5 hectares in addition to greenbelt development, with indigenous and fruit bearing plants, of land in nearby villages, as allotted by the Gram Panchayat.**
37.	**The PP shall construct septic tank of appropriate capacity to treat domestic waste water.**

3.3.6.2. Standard

1(a)	**Mining of minerals**
null	
1.	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.
2.	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
Statutory compliance	
1.	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
2.	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
3.	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area."

4.	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
5.	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
6.	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
7.	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India &Ors before commencing the mining operations.
Statutory compliance	
1.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of Schedule-I species in the study area).
2.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
3.	This Environmental Clearance (EC) is subject to orders/ judgment of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
4.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
5.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
6.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
7.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
Air quality monitoring and preservation	
1.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. Monitor fugitive emissions in the plant premises.
2.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986. 9) The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main

	pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each). covering upwind and downwind directions.
3.	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.
4.	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.
5.	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each).covering upwind and downwind directions.
Air quality monitoring and preservation	
1.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
2.	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.
3.	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.
Air quality monitoring and preservation	
1.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
Water quality monitoring and preservation	
1.	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
2.	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.

3.	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
4.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
5.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
Water quality monitoring and preservation	
1.	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
2.	Adhere to Zero Liquid Discharge
3.	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
4.	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.
5.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
6.	The project proponent shall provide the slime disposal facility with impervious lining and collection wells for seepage. The water collected from the slime pond shall be treated and recycled.
7.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
8.	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
9.	The project proponent shall practice rainwater harvesting to maximum possible extent.
10.	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.

11.	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
Noise monitoring and prevention	
1.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
2.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
Noise and vibration monitoring and prevention	
1.	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.
2.	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.
Noise and vibration monitoring and prevention	
1.	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
Mining plan	
1.	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, O.B& dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life; etc.).
Energy Conservation measures	
1.	Provide LED lights in their offices and residential areas.
2.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
Mining plan	
1.	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.
Waste management	

1.	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
2.	Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)
Land reclamation	
1.	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
2.	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.
Land reclamation	
1.	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.
2.	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.
Green Belt and EMP	
1.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
Transportation	
1.	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.
Transportation	
1.	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a ‘bypass’ road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in

	case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].
Green Belt and EMP	
1.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
Public hearing and Human health issues	
1.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
Public hearing and Human health issues	
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
3.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
Green Belt	
1.	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.
Corporate Environment Responsibility	
1.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
Public hearing and human health issues	
1.	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.
Corporate Environment Responsibility	
1.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest I wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this

	regard shall be submitted to the MoEF&CC as a part of six-monthly report.
2.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.
Corporate Environment Responsibility	
1.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
2.	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
3.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
Miscellaneous	
1.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
2.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
3.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
4.	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
5.	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
6.	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
7.	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
Miscellaneous	
1.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.

2.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
3.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
4.	44) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
5.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
6.	In pursuant to Ministrys O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Honble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
7.	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.
8.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
9.	A separate ‘Environmental Management Cell’ with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC.
10.	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.
Miscellaneous	
1.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon’ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
2.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
3.	The project proponent shall monitor the criteria pollutants level namely; PM10, S02, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
4.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponents website permanently.
5.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

Corporate Environment Responsibility (CER)	
1.	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.

3.4. Agenda Item No 4:

3.4.1. Details of the proposal

ASF Insignia IT/Information Technology Enable Services (SEZ) at Village – Gwal Pahari, Tehsil – Wazirabad, District Gurugram 122003, Haryana by M/s ASF Insignia SEZ Pvt. Ltd. by **ASF INSIGNIA SEZ PVT LTD** located at **GURUGRAM,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/517687/2025	SEAC/HR/2024/175	16/01/2025	Townships/ Area Development Projects / Rehabilitation Centres (8(b))

3.4.2. Project Salient Features

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/517687/2025 dated 16.01.2025 for obtaining **Environment Clearance** under Category 8(b) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No.511837 dated 03.08.2024 during submission for ToR. The ToR was granted to the project on 23.08.2024.

Table 1 – Basic Detail

Name of the Project: IT/ITeS Campus at Village – Gwal Pahari, Tehsil – Wazirabad, District Gurugram 122003, Haryana being developed by M/s ASF Insignia SEZ Pvt. Ltd.		
Sr. No.	**Particulars**	**Details**
	Online Proposal Number	SIA/HR/INFRA2/517687/2025
	Category of project	8 (b) “Building & Construction Projects”
	Latitude	28° 26' 12.105" N
	Longitude	77° 8' 50.061" E
	Plot Area	1,92,994.58 m²
	Proposed FAR	4,46,743.18 m²
	Non FAR Area	3,43,644.60 m²

	Total Built Up area		7,90,387.78 m²
	Total Green Area with %		67,837.59 (35.15%)
	Rain Water Harvesting Pits (with size)		40 RWH Pit are proposed 21 RWH Pit are operational
	STP Capacity		2,300 KLD
	Total Parking		10,738
	Organic Waste Converter		Total 5 OWC of (1x1350 kg/day, 1x800 kg/day, 1x1000 kg/day, 1x600, 1x450 kg/day)
	Maximum Height of the Building (m)		90 meter Max.
	Power Requirement		32 MVA
	Power Backup		10 nos of 2000 KVA totaling 20000 KVA installed in operational Phase for Backup power. Remaining to be provided
	Population		38,096
	Total Water Requirement		2,955 KLD
	Fresh Water Requirement		1,061 KLD
	Treated Water		1,894 KLD
	Total Waste Water Generated		1,994 KLD
	Total Solid Waste Generated		8,300 kg/day
	Biodegradable Waste		3,424 kg/day
	Non-Biodegradable Waste		4,916 kg/day
	Basement		3
	Total no. of towers		18
	R+U Value of Material used (Glass)		U Value: 5.5 w/sqm.k SHGC: 0.9
	Total Cost of the project:	i) Land Cost	Rs. 3625 Crore
		ii) Construction Cost	
	CER		50 Lakhs
	EMP Budget		Total EMP Budget: 229 Lakh

			s Capital Cost: 125 Lakhs Recurring Cost: 104 Lakhs
	Incremental Load in respect of:	i) PM 10	0.17422
			0.10899
			0.43555
			0.5444
			0.0000029
	Construction Phase:		Temporary electrical connecti on of 19 KW & 01 DG of 125 KVA
			Fresh Water – 20 KLD for dri nking & sanitation. Source: Fresh water – GMDA Construction Water – GMDA
			1 Nos
			01 Nos of Anti-smoke gun

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply dated 30.01.2025 alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, the project having total land area of 47.698 Acres (1,92,994.58 m2) was notified as an IT/ITES SEZ under the SEZ Act vide notification no. S.O 2143(E) dated 17.12.2007 & notification no. S.O 2098 (E) dated 27.08.2010 issued by Ministry of Commerce and Industry of Government of India.
- That, earlier the project had been granted Environmental Clearance for above mentioned project from SEIAA, Haryana vide file No. SEIAA/HR/2022/331 dated 21.02.2014 followed by it's amendment through file No. SEIAAHR/2019/201 dated 22.07.2019. Further, EC was amended for waste water generated and STP capacity though file No. SEIAA(125)/HR/2021/254 dated 04.03.2021.
- That, The EC is granted for total built-up area of 7,92,209.65 m2 and plot area 1,92,994.58 m2 (47.698 Acres). There is no change in approved Built-up area and proposed Built-up area.
- That, validity of existing environmental clearance was extended by another 3 years through memo No. SEIAA/HR/2021/465 dated 11.05.2021 and has expired in August 2024.
- Now, we are applying for fresh EC Application as the earlier granted EC with total built–up area of 7,90,387.78 m2 over plot area of 1,92,994.58 m2 (47.698 Acres) has expired.
- That, the project has also received approved Zoning Plan from DTCP vide Drawing No.

DG.TCP 2777 dated 14.09.2011.

- That, the project could not be completed within the stipulated timeframe due to outbreak of Corona/ Covid 19 pandemic and sluggish market conditions which immensely impacted fresh uptake of leased spaces and rather leased spaces started getting de-leased thereby leaving us with no chance but to slow down construction activities. Now that market is showing signs of recovery, we intend restarting the works and complete them in time bound manner.That, the comparative chart with Earlier EC is attached as ***Annexure-1(a)***.
- That, a total of 35.15% of plot area will be dedicated towards green belt development, out of which 23,163 m2 (12% of total plot area) is dedicated towards block plantation and balance is dedicated towards periphery, avenue plantation and lawn development. Green area details along with proposed name, distance, timeline and number of species is ***Annexure-1(b)***.
- That, Total 5 OWC of capacity (1x1350 kg/day, 1x800 kg/day, 1x1000 kg/day, 1x600, 1x450 kg/day) are proposed for the project.
- That, Part Building Plan is approved from Deputy Development Commissioner, Noida Special Economic Zone, Ministry of Commerce & Industry dated 05/01/2023.
- That, STP capacity of 2300 KLD was proposed in earlier EC and same capacity will be sufficient as per the present water load calculations. Around 70 KLD of Fresh Water requirement is excess as compared to earlier EC granted and same will be treated in the proposed STP of 2300 KLD capacity.
- That, CCR is received from MoEF&CC vide File No. 4-1361/2024/RO(NZ)/eFile dated 09.01.2025 and ATR reply for the same was submitted vide dated 13.01.2025.Copy of CCR and ATR Reply is attached as ***Annexure-1(c).***
- That, a total of 21 Rain Water Harvesting Pits are constructed out of 40 Rain Water Harvesting Pits and the balance will be constructed after construction recommences at site.
- That, groundwater from eight tubewells shall be exclusively used for drinking and domestic purpose only and not for construction or any other purposes. Copy of the same is attached as ***Annexure-1(d).***
- That, Material litigation pending in regard to Project/Land measuring 6.46 Acres, no HT line is passing through the project.
- That, Sultanpur National Park and Asola Bhatti Wildlife Sanctuary is at a distance of approx. 24.4 km in WNW direction and approx. 0.8 km in ESE direction respectively.
- That, the project is partially constructed and remaining part will be constructed after grant of Environmental Clearance.
- That, OC is obtained for 66 KV substation, Energy Centre, Housing Towers (1 no comprising Towers A,B & C), Building B2, BMS Building, , Building B3 and Amenity Podium
- That, we have received Forest NOC from Deputy Conservator of Forest vide letter No. 1627-G dated 05.03.2010, copy of power assurance and sanctioned load as received from DHBVN vide Memo No.Ch-473/SE/R-APDRP/OLNC-HT/GGN-II/EP-141 dated 05.09.2022,water assurance as received from GMDA dated 04.12.2024,sewer assurance as received from GMDA, dated 03.12.2024 vide Memo No. GMDA/SEW/2024/635.

v That, AAI NOC is received from AAI through NOC ID: PALM/NORTH/B/021517/197113 dated 15.02.2017.

PP submitted ATR points as following:

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
	PART – A <u>SPECIFIC CONDITIONS</u>			
	Storm water control and its reuse as per CGWB and BIS standards for various applications should be ensured	Partially Complied: For complete project, 40 nos of RWH pits are envisaged. Out of which 21 nos of RWH pits are operational.	For operational buildings we have 21 no of RWH pits which are operational. For our under construction project storm water goes to our box channel, linked drains having recharge pits. Remaining 19 nos of RWH pits will be constructed once we recommence construction activities at project.	PP has submitted the details of RWH pits. Thus, PP has complied with this condition.
	The approval of the competent authority shall be obtained for structural safety of the building due to earthquake, adequacy of firefighting equipment's, etc. as per National Building Code including protection measures from lightening etc. If any Forest Conservation Act shall be taken from Competent Authority.	Partially Complied: The buildings already operational and the PP stated that buildings were constructed after taking all the required approvals as per NBC and meet structural stability as per seismic zone. Firefighting, lightening protection and other safety requirements have been deployed. However, the PP has not submitted the structural safety certificate and approval for the adequacy of firefighting equipment's, etc..	Structural Stability certificate attached as Annexure - 1. Copy of Fire NOC attached at Annexure 2. Fire NOC is granted post required Fire fighting equipment are installed and operational.	PP has submitted the copy of structure stability certificate and Fire NOC. Thus, PP has complied with this condition.
	Overexploited ground water and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency/ savings measures as well as water reuse/ recycling within 3 month and before start of construction to the SEIAA, Haryana and RO, MoEF, GOI, Chandigarh	Partially Complied: To conserve water demand for the project, STPs are provided and the water is being treated to tertiary stage and the water is being used for flushing, landscaping and for construction activities. However, the PP has not submitted the water and energy conservation plan for the project.	We have attached a report highlighting features of Water & energy conservation measures which we have implemented in our projects. In our earlier submission of compliance status dated 12.12.2024 we had attached detailed energy Audit report carried out by certified Energy Auditors. Water & energy conservation Plan attached as Annexure - 3.	PP has Water & energy conservation measures. Thus, PP has complied with this condition.
	The project proponent as	Not Complied:	40 Nos of RWH pits are pla	PP has submitted

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
	stated in the proposal shall construct 40 rain water harvesting pits for recharging the ground water within the project premises. RWH pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for Maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit.	21 Nos of Rain Water Harvesting pits has been designed and constructed in accordance with the approved plans. The PP has been directed to construct the remaining rain water harvesting pits.	nned for entire project. Currently B2, B3, IDR towers are operational and accordingly, 21 nos of RWH pits are installed and all are operational. We will make more RWH pits commensurate with completion of future buildings/infrastructure. Please consider this condition as complied.	the details of RWH pits. Thus, PP has complied with this condition.
	The project proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction	Not Complied: The PP has not submitted the affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.	Although construction is not going on presently however, we had submitted the affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction. Based on our declaration and Affidavit, CGWA granted us Borewell approval. Copy of Affidavit attached as Annexure - 4	PP has submitted the detailed affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction. Thus, PP has complied with this condition.
	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	Not Complied: The PP stated that necessary permission were taken to cut the tree, however, the PP has not submitted the copy of the approval.	Very few numbers of trees were cut and few were transplanted. Both cutting and transplanting were carried out after due approval from forest department, the same is attached as Annexure - 5. As was seen during inspection, we have done extensive landscaping at our project	PP has submitted the copy of approval from forest department for both cutting and transplanting were carried out. Thus, PP has complied with this condition.
	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	Not Complied: Sedimentation basin was not constructed at the site.	At present no construction activities are happening at project site. Sedimentation Basin will be constructed at site when construction is started.	PP has complied with this condition.
	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before	Not Complied. The PP has not submitted the copy of the permission of Mines and Geology Department for excavation of soil	Copy of the permission of Mines and Geology Department for excavation of soil is attached as Annexure - 6	PP has submitted the copy of the permission of Mines and Geology Department for e

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
	the start of construction.	before the start of construction.		xcavation of soil. Thus, PP has complied with this condition.
	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	Not Complied: The PP has not submitted the structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	Structural Stability certificate already attached as Annexure - 1	PP has submitted the copy of structure stability certificate and Fire NOC.
B. Operational Phase				
	Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre- treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore will for rainwater recharging shall be kept at least	Partially Complied	RWH Pits are designed as per CGWA design and were constructed by CGWA aauthorized vendor. RWH Pits are constructed with Desilting Chamber to remove suspended matter, oil and grease. Pics of the same is attached as Annexure - 7.	PP has submitted the details of RWH pits. Thus, PP has complied with this condition.
	5 mts, above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid Rain water harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic material or which can contaminate rain water. Wire mess and filters should be used wherever required.	Rain water pits are constructed as per the design of the competent authorities. Rain water harvesting for roof run-off and surface run-off has not been implemented.		
	The ground water level and its quality should monitor regularly in consolation with Central Ground Water Authority.	Partially Complied. The PP stated that Ground water level and its quality are being monitored at regular intervals. Reports on water level and quality are being sent to the competent authorities on regular basis. However, the report of the ground water monitoring has not been submitted by the PP during the field inspection.	Latest Ground water monitoring report attached as Annexure - 8	PP has submitted the latest ground water monitoring report. Thus, PP has complied with this condition.

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
	Water supply shall be metered among different users and different utilities.	Partially Complied: Flow meters provided at various outlets. However, the PP has not submitted the water balance sheet for the verification.	Water Balance sheet attached as Annexure - 9	PP has complied with this condition.
	STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 months, the project proponent shall conduct environmental audit and shall take corrective measure, if required without delay.	Not Complied: The PP was directed to submit the environment parameters monitoring data and green belt monitoring data to MoEF & CC, RO Chandigarh.	The environment parameters monitoring report are submitted along with six monthly compliance report to MOEF & CC on regular basis and latest is attached as Annexure - 10	PP has complied with this condition.
	All other statutory clearance such as the approvals for storage of diesel from Chief Controller of Explosive, Fire Department, Civil Aviation Department, Forest Conservation Act , 1980 and Wildlife (Protection) Act, 1972 PLPA, 1900, Forest Act 1927 etc shall be obtained, as applicable by project proponent from the respective authorities prior to construction of the project	Not Complied: The PP has not submitted the approvals for storage of diesel from Chief Controller of Explosive, Fire Department, Civil Aviation Department.	Approvals for storage of diesel from Chief Controller of Explosive attached as Annexure 11, Fire Department NOC's already attached as Annexure - 2, Civil Aviation Department as Annexure - 12.	PP has obtained approval for storage of diesel from Chief Controller of Explosive. Thus, PP has complied with this condition.
	The project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the state pollution control board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and copy of the same should be forwarded to SEIAA Haryana. A copy of Environment	Partially Complied: The PP has informed the public that the project has been accorded Environment Clearance. However, documentary proof and newspaper cutting has not submitted by the PP.	We had informed the public that the project has been accorded Environment Clearance and documentary proof as newspaper cutting is attached as Annexure - 13	PP has complied with this condition.

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
	al Clearance conditions shall also be put on project proponent's web site for public awareness.			
	The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/RO MoEF GOI under rules prescribed for Environment audit.	Not Complied: The PP has not submitted the expenditure details for measures adopted and fund ear marked for environment protections.	The expenditure details for measures adopted and fund ear marked for environment protections is attached as Annexure - 14.	PP has complied with this condition.
	The project proponent shall ensure the compliance of Forest Department, Haryana Notification no. S.O.121/PA2/1900/S.4/97 dated 28.11.1997	Not Complied: The PP has not submitted the details/clarification/NOC from the local forest department for the tree cutting etc.,	The details/clarification/NOC from the local forest department for the tree cutting is attached as Annexure - 4	PP has submitted the copy of approval from forest department for both cutting and transplanting were carried out. Thus, PP has complied with this condition.
	The project proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid "Pollution Under Control" certificate from competent authority.	Not Complied: No construction was carryout during the inspection. However, the PP has not submitted the valid "Pollution Under Control" Certificate from competent authority.	As no construction activities are currently happening, PUC certificate not applicable. For Operational phase, only vehicles having PUC certificate are allowed to enter. Copies of few vehicles are attached as Annexure 15	PP has complied with this condition.
	The project proponent shall conduct environment audit at every three months interval and thereafter corrected measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in monitoring report.	Not Complied The PP has not submitted the report of Environmental audit which was conducted every quarter by an accredited agency.	The report of Environmental audit which was conducted by an accredited agency is attached as Annexure - 16	PP has complied with this condition.

PP further submitted EMP details as following:

Table 2.1 EMP incurred till date

S No	Description	Capital Cost (in lakhs)	Operation & Maintenance cost(per annum)	No. of Years of Operation	Total Amount incurred (in lakhs)

1	STP B-2	181	27.21	10	272.14
2	STP B-3	250	25.16	10	251.56
3	IDR STP	17	10.41	10	104.08
4	Rainwater harvesting Pits (RWH)	85	1.96	10	19.60
5	Greenbelt development/landscaping	300	22.51	10	225.14
6	Environmental monitoring cost, Quarterly audit of STPs and Environmental Audit	-	9.36	10	93.60
7	Dust mitigation measures including Barricading, water sprinkling, anti-smog gun	15	0.33	10	3.30
8	Medical cum First Aid facility (providing medical room & Doctor + Staff)		24.54	10	245.37
9	PPE for workers & Health Care		1	10	10.00
10	Dust Bins		1	10	10.00
11	Retrofit Emission Control Device (RECD) on DG Set	30	0.35	0	-
12	Sweeping Machine		5	10	50.00
13	Other Environmental Activities under CSR				
1	STP for neighbouring village (Mandi)	281	29.39	10	293.92
2	Environmental monitoring cost		0.29	10	2.85
3	Khasra No 70.(Cremation Ground)	71			
14	To be Proposed				
1	OWC Proposed	80			
15	Retrofit Emission Control Device (RECD) on 2nd D	30	0.35		

	G Set				
16	B-1 STP	500	50.00		
	Total	1,839			1,582 lakhs

Table 2.2 Proposed EMP Budget

During Construction Phase			**During Operational Phase**		
Description	**Capital Cost (In Lakhs)**	**Recurring Cost (In Lakhs /Year)**	**Description**	**Capital Cost (in Lakhs)**	**Recurring Cost (In Lakhs /Year)**
Sanitation and Waste water Management (Modular STP)	0.00	5.00	Waste Water Management (Sewage Treatment Plant/ Effluent Treatment Plant)	0.00	15.00
Garbage & Debris disposal	5.00	10.00	Solid Waste Management (Dust bins & OWC of capacity-4000kg/day)	0.00	20.00
Tree Plantation	15.00	10.00	Tree Plantation	15.00	5.00
Air, Noise, Soil, Water Monitoring	0.00	5.00	Monitoring for Air, Water, Noise & Soil	5.00	2.00
Rainwater harvesting system	20.00	10.00	Rainwater harvesting system	5.00	10.00
Dust Mitigation Measures Including site barricading, water sprinkling and anti-smog gun)	5.00	2.00	Stack height including DG Sets and acoustics	5.00	10.00

Table 2.3 EMP Budget outside the Project Site (CER)

Particular	**Amount**
CER Activities	
Govt. School	50.00

Table 2.4 Total EMP budget

Component	**Capital Cost (INR Lakh)**	**Recurring Cost (INR Lakh/Yr)**
During Construction Phase.	45.00	42.00
During Operation Phase	30.00	62.00
Budget for nearby Government School	50.00	0.00

Total	125.00	104.00

3.4.3. Deliberations by the committee in previous meetings

N/A

3.4.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding land area, built-up area, comparative chart, building plan, RWH, CCR, ATR, litigation, HT line, revenue rasta, WLS, previous EC, existing tree, construction status, plot area details, details of OWC, status of pending court cases, STP capacity, Green Area, ground water use, details of change in water calculation, EMP, ground water quality, Percolation Data, Electrification Plan, Block Plantation, Fire NOC as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s ASF Insignia Sez Pvt. Ltd. as per the notifications issued by Ministry of Commerce and Industry (Department of Commerce), GoI dated 17.12.2007, 27.08.2010 & 23.02.2024 and further, Certificate of Name change dated 09.02.2012 issued by Registrars of Companies.

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.4.5. Recommendation of SEAC

Recommended

3.4.6. Details of Environment Conditions

3.4.6.1. Specific

Specific conditions	
1.	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled/reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
2.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
3.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as

	during operational phase. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
4.	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
5.	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
6.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time.
7.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
8.	The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon foot print. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used.
9.	The PP shall install electric charging points for charging of electric vehicles.
10.	Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightening etc.
12.	That Project Proponent shall ensure that Revenue Rasta shall not be obstructed or transgressed to hamper the public movement in any way. Meaning thereby, Revenue Rasta shall remain open & accessible to public as existed earlier. Any attempt to obstruct/divert the Revenue Rasta, shall invite stern action as deemed appropriate from the Competent Authority.
13.	The PP shall not carry any construction below the HT Line passing through the project, if any.
14.	The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.

15.	Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
16.	The PP shall not give occupation or possession before the water supply, sewage connection and electricity connection permitted by the competent authority.
17.	The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
18.	The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
20.	The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
21.	The PP may provide electric charging stations to facilitate electric vehicle commuters.
22.	The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
23.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
24.	The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
25.	The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
26.	As proposed, the PP shall provide **67,837.59 (35.15% of plot area)** for green area development**.** Out of which **23,163 m2 (12% of total plot area)** shall be dedicated towards block plantation and balance is dedicated towards periphery, avenue plantation and lawn development.
27.	**40 Rain Water Collection pits** shall be provided for storage of rain water.
28.	The PP shall install **Solar Power as per HAREDA norms.**
29.	The PP shall install required number of **Anti-Smog Gun** at the project site as per the requirement of HSPCB.
30.	**The PP shall get project electrification plan approved from the competent authority before operation of the project.**
31.	The PP shall carry out **plantation of saplings** in the proposed green area as a part of the **tree plantation campaign "Ek Ped Maa Ke Naam"** and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in).

32.	The PP shall register themselves on https://dustapphspcb.comportal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

3.4.6.2. Standard

8(b)	**Townships/ Area Development Projects / Rehabilitation Centres**
Statutory compliance	
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
Air quality monitoring and preservation	
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.

4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7.	Wet jet shall be provided for grinding and stone cutting.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.
Water quality monitoring and preservation	
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for

	supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
8.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
10.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13.	All recharge should be limited to shallow aquifer.
14.	No ground water shall be used during construction phase of the project.
15.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
18.	No sewage or untreated effluent water would be discharged through storm water drains.
19.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
21.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

Noise monitoring and prevention	
1.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
Energy Conservation measures	
1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2.	Outdoor and common area lighting shall be LED.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
Waste Management	
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms

	with necessary approvals of the State Pollution Control Board.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
10.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
Green Cover	
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
Transport	
1.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation

	and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
Human health issues	
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5.	Occupational health surveillance of the workers shall be done on a regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.
7.	i. The project proponent shall comply with the provisions of CER, as applicable.
8.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or share holders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
9.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
10.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
Miscellaneous	
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2.	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.

5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
8.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP reportand also that during their presentation to the Expert Appraisal Committee.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
13.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
18.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

3.5. Agenda Item No 5:

3.5.1. Details of the proposal

Proposed Integrated Municipal Solid waste management facility for Bhiwani Cluster { Bawani Khera, Bhiwani, Charkhi Dadri and Loharu } by **SHREE SHYAM WASTE MANAGEMENT PRIVATE LIMITED** located at **BH IWANI,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/518939/2025	SEAC/HR/2024/307	18/01/2025	Common Municipal Solid Waste Management Facility (CMSWMF) (7(i))

3.5.2. Project Salient Features

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/518939/2025 dated 18.01.2025 for obtaining **Environment Clearance** under Category 7(i) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,50,000/- vide DD No.032796 dated 18.09.2023 during submission for ToR. The ToR was granted to the project on 04.10.2023.

Table 1 – Basic Detail

Name of the Project: EC for proposed Integrated Municipal Solid Waste Management Facility for Bhiwani Cluster (Bawani Khera, Bhiwani, Charki Dadri and Loharu) Area 24 acre, capacity 300 TPD at Bhiwani district by M/s Shree Shyam Waste Management Private Limited			
Sr. No.	**Particulars**		
1.	Online Proposal Number		**SIA/HR/INFRA2/518939/2025**
2.	**Pillar No.**	**Latitude**	**Longitude**
	A. e	28°46'50.30"N	76° 7'28.22"E
	B.	28°46'44.87"N	76° 7'25.05"E
	C.	28°46'54.02"N	76° 7'24.16"E
	D.	28°46'54.27"N	76° 7'25.06"E
	E.	28°46'57.05"N	76° 7'24.88"E
	F.	28°46'56.82"N	76° 7'32.80"E
	G.	28°46'44.98"N	76° 7'33.01"E
3.	Plot Area		24 acre or 97124.6sq. m.
4.	Total Green Area with %		8 acre (33.33% of total project site)
5.	Rain Water Harvesting Pits (with size)		Not Applicable

6.	STP Capacity		Leachate treatment plant of capacity (10 KLD) will be installed and excess leachate will be treat in it after treatment it will again use in process Leachate Treatment & Management at site through LTP. Sewage treatment plant (10 KLD) will be installed for treat sewage and after treatment balance water will be used for green belt development and dust suppression
7.	Power Requirement		150 KVA from state electricity board
8.	Power Backup		In case of emergency a backup generator will also be provided of 250 KVA
9.	Total Water Requirement		27 KLD
10.	Domestic Water Requirement		12 KLD
11.	Solid Waste Generated		1.07 lakh m-ton of legacy waste has been processed against 1.14 lakh m-ton, and the volume of legacy waste Approx.-80231.31 m-ton, is lying across site which will be remediated in upcoming 09 to 12 months on grant of EC by contractor under expert supervision. 264.64 TPD waste will be generate from Bhiwani cluster.
12.	Total Cost of the project	Land Cost	INR 61.66 Crores
		Construction Cost	
13.	EMP Budget (per year)	Capital Cost	INR 239.2 Lakh
		Recurring Cost	INR 60 Lakh/ year
14.	Construction Phase:	Power Back-up	1 D.G set of 50 KVA
		Water Requirement & Source	8 KLD from PHED supply
		STP (Modular)	Leachate treatment plant of capacity (10 KLD) will be installed and excess leachate will be treat in it after treatment it will again use in process Leachate Treatment & Management at site through LTP. Sewage treatment plant (10 KLD) will be installed for treat sewage and after treatment balance water will be used for green belt development and dust suppression

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

1. I, Executive Officer, on behalf of Municipal Council Bhiwani. Haryana declared that:-
2. We have applied the application for obtaining the EC for the Proposed Integrated Municipal Solid Waste Management Facility for Bhiwani Cluster (Bawani Khera, Bhiwani, Charki Dadri, Loharu), Bhiwani, Haryana
3. The proposed project is categorized under Item "7(i) Common Municipal Solid Waste Management Facility (CMSWMF)" as per the EIA Notification, dated September 14, 2006 issued by Ministry of Environment Forest & Climate Change (MoEF&CC), New Delhi.
4. Total area of the proposed project is 24 Acres. The project will be developed by M/s Shree Shyam Waste Management Private Limited. As per land lease agreement 24 Acre land has been allotted to M/S Shree Shyam Waste Management Private Limited by Municipal Council Bhiwani.
5. Proposed Integrated Municipal Solid Waste Management Facility (IMSWMF) with total processing capacity of 300TPD MSW (Aerobic Compost Plant-135TPD + RDF Processing Plant– 165 TPD and Sanitary landfill area 10000 Sqmt) of 24 acres for Bhiwani Cluster (Bawani Khera, Bhiwani, Charkhi Dadri and Loharu) at Bhiwani , Haryana.
6. Landfill development is planned in for 19 years that is for period 2023 to 2042.Total area proposed for landfill cells is10,000 Sqm along with other facilities.
7. The standard practice for MSW processing will be done to implement the project in accordance with rules and regulations mentioned in the MSW (Management and Handling) Rules, 2016 and its amendments.
8. The RDF component: The conversion process of Municipal Solid Waste (MSW) into Refuse Derived Fuel (RDF) involves the following processes like (i) Homogenization (ii) Size Reduction (iii) Drying (iv) Segregation (v) Densification (only for storage / transportation to long distance) to authorized recycler
9. STP and LTP will be used for the treatment of waste water. Sewage treatment plant (10 KLD) will be used for treat sewage generated and after treatment balance water will be used for green belt development and dust suppression.
10. Leachate treatment plant of capacity (10 KLD) will be installed and excess leachate will be treat in it after treatment it will again use in process Leachate Treatment & Management at site through LTP -Design flows and characteristics of Effluent before & After treatment

S.N.	PARAMETER	LEACHATE QUALITY		UNITS
		Raw	Post- treated	
1	Flow	15	15	cum/day
2	pH	5.5 – 9	6.5 – 8.5	--
3	BOD	12000	Less than 30	mg/L
4	COD	30000	Less than 250	mg/L
6	Ammoniacal Nitrogen	20	Less than 5	mg/L
7	Total Nitrogen	25	Less than 10	mg/L

11. As recommended by the MoEF and CPHEEO Bottom Barrier layer of 600mm thick

clay/amended soil with permeability 1 X 10-7 cm/sec. Gas venting layer of 200mm thick granular material with permeability 1 X 10-2 cm/sec (ii) Clay Liner will be followed by HDPE liner with below Granular Drinage layer with geotextile on above HDPE (iii) Finally top capping with vegetative layer (450mm) with permeability 1 X 10-2 cm/sec., supported by a drainage layer(150mm) over barrier layer and gas vent layer through which methane and other noxious gases will be flared at site.

12. As per Department of Civil Engineering -Indian Institute of Technology, Roorkee legacy waste study report-2023, The total waste of around Approx. 1.07 lakh m-ton of legacy waste has been processed against 1.14 lakh m-ton, and the volume of legacy waste Approx.- 80231.31 m-ton, is lying across site which will be remediated in upcoming 09 to 12 months on grant of EC by contractor under expert supervision.
13. The Odour Management will be done through spray of herbal sanitizers and inoculums will be done to remove odour. The compost facilities, roads, equipment and the surrounding area shall also be cleaned regularly to remove the odor generating wastes. The processed compost is stored in sheds so as to avoid attraction to birds and runoff due to rain or windblown entrainment of particles. APTI-ITRA technique will be adopted for green belt development through its expert supervision.
14. Green belt will be developed at 33.33 % area of the total plant area out of the 24 Acres of the plant area i.e., 8 Acres (3.2 hectares)of the total land will be under green belt plantation

Calculation of Cost for Green Belt Development:

Expenditure per plant = Rs. 1100
Total Numbers of Plants to cover 3.2 Ha. = 3200
Total Expenditure= Rs. 1100x3200= Rs.35,20,000/-

Sr. No.	Vernacular Name	Scientific name	No. of trees to be planted
	Kachnar	*Bauhnia vargita*	200
	Pipal	*Ficus Religiosa*	300
	Banyan	*Ficus Benghalensis*	100
	Neem	*Azardirachta indica*	500
	Semal	*Bombax ceiba*	400
	Amaltash	*Cassia fistula*	400
	Shesham	*Dalbergia sissoo*	400
	Siris	*AlbiziaJ lebbeck*	400
	Gulmohar	*Delonix regia*	300
	Champa	Plumeria rubra/ Alba	200
			3200

Table 2 – EMP Detail

COST OF ENVIRONMENTAL MANAGEMENT PLAN			
S. No.	Particulars	Capital cost (In Lakhs)	Annual recurring cost (in Rs.)

		Proposed	Proposed
1	Air & Noise pollution control system	10.0/-	3.0/-
2	Waste Water Treatment Facility	20.0/-	1.5/-
3	Environment monitoring	--	5.0/-
4	Green belt	35.20/-	5.0/-
5	Occupational Health and Safety	10.0/-	7.5/-
6	Solid Waste Management (also includes od our management)	10.0/-	3.0/-
7	Cost of CER activities	129/-	25/-
8	Miscellaneous	25.0/-	10.0/-
Total		239.2/-	60/-

3.5.3. Deliberations by the committee in previous meetings

N/A

3.5.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding STP, LTP, Project Area, Green Belt, Waste Water, Solid Waste, Total Waste, Odour Management, green area as well as the submissions made by the PP.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Shree Shyam Waste Management Private limited as per LOA issued by Municipal Council, Bhiwani vide letter no.195/ME/MCB dated 09.12.2022

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.5.5. Recommendation of SEAC

Recommended

3.5.6. Details of Environment Conditions

3.5.6.1. Specific

Specific Condition	
1.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase within one year as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
2.	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
3.	Air Pollution Control Pollutant Monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO2, Nox and CO from the DG stack.
4.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concern Authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Where the trees need to be cut/transplanted with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut/ nonsurvival of any transplanted tree) shall be done and maintained. Plantations to be ensured species (cut) to species (planted).
5.	The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
6.	Analysis of Dioxins and Furans shall be done through CSIR National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.
7.	Leachates to be collected and utilized within project after proper treatment. PP should submit the details regarding Leachate collection and treatment system to be installed to concerned Integrated Regional Office of the Ministry. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.
8.	No fresh water to be used except for potable use.
9.	Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the Delhi Pollution Control Committee/CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.
10.	Ground water monitoring for Physico-Chemical parameters to be carried out and record maintained by providing piezometric wells along the flow channel (up and down).
11.	Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations.
12.	The depth of the land fill site shall be decided based on the ground water table at the site.
13.	Environmental Monitoring Programme shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to

	check the contamination in and around the site shall be carried out.
14.	The PP shall take all measures to control the smell coming out of the project.
15.	The PP shall comply with the NGT orders and other necessary directions issued by any other competent authority for CBWTF.
16.	The PP shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.
17.	On line real time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions.
18.	Scrubber water, leachate water or wheel wash shall be treated properly and recycled to achieve zero liquid discharge.
19.	Gas generated in the Land fill should be properly collected, monitored and flared.
20.	Pre medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained.
21.	Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or environment from fires, explosion or any unplanned sudden or non sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water.
22.	Rainwater runoff from the landfill area shall be collected and treated in the effluent treatment plant.
23.	The PP shall take all measures to control the smell coming out of the project.
24.	The PP shall carry out the quarterly awareness programs for the residents of the stakeholders of the project.
25.	Necessary provision shall be made for fire-fighting facilities within the project site.
26.	Adequate covering arrangement in site should be done to prevent the runoff of rainwater in the project premises.
27.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
28.	**The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in).**
29.	As proposed an area measuring **8 acre (33.33% of total project site**) shall be developed as Green Area.

30.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies.
31.	The PP shall obtain the permission regarding withdrawal of ground water from PHED/HWRA before the start of the project and also obtain the CTO from HSPCB after the approval from PHED/HWRA.

3.5.6.2. Standard

7(i)	**Common Municipal Solid Waste Management Facility (CMSWMF)**
Statutory compliance	
1.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
2.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
3.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area)
4.	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
5.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
6.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
7.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.
Air quality monitoring and preservation	
1.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (for projects involving incineration).
2.	As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bag filter/ESP for removal of particulate matter; venturi scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over will be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO2, NOx and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.
3.	Analysis of Dioxins and Furans shall be done through CSIR-National Institute for Interdisciplinary Science and

	Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.
4.	Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.
5.	Gas generated in the Land fill should be properly collected, monitored and flared.
6.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
Water quality monitoring and preservation	
1.	The project proponent shall install continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2.	Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.
3.	The depth of the land fill site shall be decided based on the ground water table at the site.
4.	Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant.
5.	Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
6.	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.
7.	All leachates arising from premises should be collected and treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.
8.	Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.
9.	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
10.	A certificate from the competent authority for discharging treated effluent/untreated effluents into the Public sewer/disposal/drainage systems along with the final disposal point should be obtained.
Waste management	
1.	No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, shall be handled in the premises.
2.	The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
3.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.

4.	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
Transportation	
1.	Project should ensure that the site is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision should be made as a condition in the Authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 to prevent unwanted access.
2.	Traffic congestion near the entry and exit points from the roads adjoining the project site shall be avoided. Parking should be fully internalized and no public space should be utilized.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 02 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 02 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
Green belt	
1.	Green belt shall be developed in an area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the project site.
2.	Top soil shall be separately stored and used in the development of green belt.
Public hearing and Human health/safety issues	
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
3.	Occupational health surveillance of the workers shall be done on a regular basis.
Miscellaneous	
1.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently. (for projects involving incineration)
2.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed (For projects involving only Landfill without incineration)
3.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

4.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
5.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/ conditions and/or shareholder's/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
8.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
9.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
10.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
11.	The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain (in case of incineration involved).
12.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
13.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
14.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
15.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
16.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
17.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
18.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

19.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
20.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
21.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

3.6. Agenda Item No 6:

3.6.1. Details of the proposal

Proposed Group Housing Colony for an area measuring 22501 sqm at Plot No. GH-3, Sector 80, Residential Estate, Manesar, District Gurugram, Haryana by **CONSCIENT INFRASTRUCTURE PRIVATE LIMITED** located at **GURUGRAM,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/519411/2025	SEAC/HR/2024/308	20/01/2025	Building / Construction (8(a))

3.6.2. Project Salient Features

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/519411/2025 dated 20.01.2025 for obtaining **Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No.505882 dated 18.01.2025.

Table 1 – Basic Detail

NAME OF THE PROJECT: Proposed Group Housing Colony for an area measuring 22501 sqm at Plot No. GH-3, Sector 80, Residential Estate, Manesar, District Gurugram, Haryana by M/s Conscient Infrastructure Private Limited		
Sr. No.	**Particulars**	**Total Area (in M^2)**
	Online Project Proposal Number	**SIA/HR/INFRA2/519411/2025**
	Latitude	28°21'47.53"N
	Longitude	76°57'49.38"E
	Plot Area (m^2)	22501
	Proposed Ground Coverage (m^2)(24.12%)	5428.044
	Proposed FAR (m^2)	41932.278

	Non-FAR Area (m^2)	49985.240
	Total Built Up area (m^2)	91917.518
	Total Green Area with Percentage (m^2) (20.12 % of plot A rea)	4527.914 (2714.593 sqm under blo ck plantation)
	Rain Water Harvesting Pits (No.)	6
	STP Capacity (KLD)	140
	Total Parking (ECS)	995
	Organic Waste Converter (kg/day)	400 (2x200 kg/day)
	Maximum Height of the Building (m)	116.2
	Power Requirement (KW)	3702
	Power Backup (KVA))	4500
	Total Water Requirement (KLD)	159
	Fresh Water Requirement (KLD)	104
	Treated Water (KLD)	96
	Waste Water Generated (KLD)	107
	Solid Waste Generated (TPD)	0.73
	Biodegradable Waste (TPD)	0.34
	Number of Floors	3B+G/S+34
	Main DU’s	268
	Servant Units	32
	Total Cost of the project (Cr.):	1074.16
	Incremental Load in respect of: i) PM 2.5 ($\mu g/m^3$)	0.029
	ii) PM 10 ($\mu g/m^3$)	0.048
	iii) SO_2 ($\mu g/m^3$)	0.0018
	iv) NO_2 ($\mu g/m^3$)	0.764
		0.91

	Construction Phase:	
	Power Back-up	250 kVA
	Water Requirement & Source	Through authorized water tanker
	Anti-Smoke Gun	04 Nos.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, Land has been allotted from HSIIDC vide Ref no. HSIIDC:9277 dated 29.07.2024.
- That, Zoning plan has been obtained vide DRG.NO. HSIIDC/IPD/1593 dated 30.10.2024.
- That, IGBC Pre-certificate has been obtained vide Registration No. GH240625 in September 2024.
- That, Structure vetting certificate has been obtained from IIT Bombay vide Ref. No. DRD/CE/RSJ-118/24-25 dated 06.12.2024.
- That, All services like water, power, storm water, sewer will be provided by HSIIDC. Clarification letter regarding the same has been obtained from HSIIDC vide letter No HSIIDC/IMT/ESTATE/2024/1295 dated: 14.11.2024 and letter no. HSIIDC/Engg./IMT/25/3788 dated 07/01/2025.
- That, Proposed green area of the project is 4527.91 sq m out of which 2714.593 sqm i.e. 12.06 % of plot area under block plantation. Revised landscape plan with no of trees and spacing is attached as **Annexure 1.**
- That, 400 KG/Day (2x200 kg/day) OWC will be installed during operation phase.
- That, the project is on concept basis.
- That, total project is 1074.16 Cr. CA certificate is attached as **Annexure 2.**
- That, EMP budget is attached as **Annexure 3.**
- That, Geo-Technical Investigation Report, and Ground water quality report has already submitted along with complete EC Application.
- That, as per AAI color coded map, AAI NOC is not required.
- That, No litigation is pending against the project.
- That, No Revenue Rasta, HT Line passes through the project.

Table 2 – EMP Detail

Environment Budget (Construction Phase)		
COMPONENT	**CAPITAL COST (Rs in L acs)**	**RECURRING COST (Rs in L acs)/Annum**
BARRICADING OF CONSTRUCTION SITE	10.62	2.34
ANTI - SMOG GUN WITH COMPLETE AS SEMBLY	20	2
ENVIRONMENT MONITORING & 6 MON THLY COMPLIANCE REPORT OF EC CO NDITIONS		2
TOTAL	**30.62**	**6.34**

ENVIRONMENT BUDGET (Operation Stage)		
COMPONENT	**CAPITAL COST (Rs in L acs)**	**RECURRING COST (Rs in L acs)/Annum**
SEWAGE TREATMENT PLANT (140 KLD)	28	7.56
RAIN WATER HARVESTING SYSTEM Rai n Water Storage (6 no.)	21	3.15
SOLID WASTE STORAGE BINS & COMPO STER	5.78	3.81
HORTICULTURE DEVELOPMENT (TREE PLANTATION & LANDSCAPING) EXCLU DING LAWN AND PARK	3.22	0.80
ENVIRONMENT MONITORING & 6 MON THLY COMPLIANCES OF ENVIRONMEN T CLEARANCE CONDITIONS		2.00
TOTAL	**58.00**	**17.33**
BUDGET OUTSIDE THE PROJECT SITE CER		
COMPONENT	**Capital Cost (in lacs)**	
Adoption of school in nearby village	35	

3.6.3. Deliberations by the committee in previous meetings

N/A

3.6.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding land detail, Zoning Plan, IGBC, Structure Vetting Certificate, Water, Power, Storm Water, Sewer, Green Area, Block Plantation, Landscape Plan, OWC, Concept Basis, CA Certificate, EMP Budget, Geo-Technical Investigation Report, Ground Water Quality Report, AAI NOC, Litigation, HT Line, Revenue Rasta, as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Conscient Infrastructure Private Limited as per LoA issued by HSIIDC vide Ref. No.HSIIDC 9277 dated 29.07.2024.

The **Environmental Clearance** is recommended to be granted to the project with following specific and

general stipulations:

3.6.5. Recommendation of SEAC

Recommended

3.6.6. Details of Environment Conditions

3.6.6.1. Specific

Specific Conditions	
1.	**The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2.	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
3.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
4.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
5.	The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
6.	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
7.	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
8.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or purpose to be carried out by the project

	or other agencies in this 05kms radius of the site in different scenarios of space and time.
9.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
10.	Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
12.	The PP shall not carry any construction above or below the Revenue Rasta, if any.
13.	The PP shall keep the ROW below the HT Line passing through the project, if any.
14.	The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
15.	Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
16.	The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency.
17.	The PP shall not give occupation or possession before the water supply, electricity and sewage connection permitted by the competent authority.
18.	The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
20.	The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
21.	The PP may provide electric charging stations to facilitate electric vehicle commuters.
22.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
23.	The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.

24.	The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
25.	In the proposed landscape plan, native species shall be included as per the list of concerned DFO.
26.	The minimum growth of trees should be 03 meters with sufficient canopy.
27.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
28.	Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
29.	A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained and the existing trees will be counted for this purpose.
30.	The species with heavy foliage, broad leaves and wide canopy cover are desirable.
31.	Water intensive and/or invasive species should not be used for landscaping.
32.	As proposed PP shall provide **4527.91 sqm (20.12% of plot Area)** for green area development. Out of which **2714.593 sqm i.e.12.06% of plot area** under block plantation.
33.	**06 Rain Water Harvesting Pits** shall be provided for ground water recharging as per the CGWB norms.
34.	**The PP shall install Solar panel as per HAREDA norms.**
35.	The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
36.	**The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in).**
37.	**The PP shall get project electrification plan approved from the competent authority before operation of the project.**
38.	The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

3.6.6.2. Standard

8(a)	**Building / Construction**
Statutory compliance	

1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
Air quality monitoring and preservation	
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.

6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7.	Wet jet shall be provided for grinding and stone cutting.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.
Water quality monitoring and preservation	
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
8.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
10.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

11.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13.	All recharge should be limited to shallow aquifer.
14.	No ground water shall be used during construction phase of the project.
15.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
18.	No sewage or untreated effluent water would be discharged through storm water drains.
19.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
21.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
Noise monitoring and prevention	
1.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

Energy Conservation measures	
1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2.	Outdoor and common area lighting shall be LED.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
Waste Management	
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
1	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing

0.	guidelines/ rules of the regulatory authority to avoid mercury contamination.
Green Cover	
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
Transport	
1.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
Human health issues	
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and

	facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5.	Occupational health surveillance of the workers shall be done on a regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.
7.	i. The project proponent shall comply with the provisions of CER, as applicable.
8.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or share holders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
9.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
10.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
Miscellaneous	
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2.	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report

8.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP reportand also that during their presentation to the Expert Appraisal Committee.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
13.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
18.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

3.7. Agenda Item No 7:

3.7.1. Details of the proposal

Proposed Group Housing Colony Under Retirement Housing Policy Dated 17.08.2021 Over an Area Measuring 1.57875 Acres (Licence No. 02 of 2025 dated 08.01.2025) in the revenue estate of Village Palra, Sector-70A Gurug ram, Haryana by **SUBH HOUSING (GURGAON) LLP** located at **GURUGRAM,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/518924/2025	SEAC/HR/2024/309	21/01/2025	Building / Construction (8(a))

3.7.2. Project Salient Features

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/518924/2025 dated 21.01.2025 for obtaining **Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 500670 dated 14.01.2025.

Table 1 – Basic Detail

Name of the project: Proposed Group Housing colony under retirement housing policy dated 17.08.2021 over an area measuring 1.57875 Acres (Licence No. 02 of 2025 dated 08.01.2025) in the revenue estate of Village Palra, Sector-70A Gurugram, Haryana.		
Sr. No.	**Particulars**	**Total Area (in M^2)**
	Online Project Proposal Number	**SIA/HR/INFRA2/518924/2024**
	Latitude	28°23'4.38"N
	Longitude	77° 0'57.74"E
	Total Plot Area (m^2)	6388.971
	Net Plot Area (m^2)	5544.11
	Proposed Ground Coverage (m^2)	1100
	Proposed FAR (m^2)	15140.160
	Non-FAR Area (m^2)	13,801.47
	Total Built Up area (m^2)	28941.63
	Total Green Area with Percentage (m^2) (25.04 % of plot Area)	1600 (770 sqm under block plantation)
	Rain Water Harvesting Pits (No.)	2
	STP Capacity (KLD)	50
	Total Parking (ECS)	138
	Organic Waste Converter (kg/day)	150 (2x75 kg/day)
	Maximum Height of the Building (m)	56.75
	Power Requirement (KW)	712
	Power Backup (KVA))	1070
	Total Water Requirement (KLD)	74
	Fresh Water Requirement (KLD)	50

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some

	Treated Water (KLD)	24	
	Waste Water Generated (KLD)	39	
	Solid Waste Generated (TPD)	0.27	
	Biodegradable Waste (TPD)	0.13	
	Maximum Number of Floors	2B+G/St+17	
	No. of DU's	124	
	Total Cost of the project (Cr.):	121.94	
	Incremental Load in respect of: PM 2.5 (µg/m^3)	0.070	
	PM 10 (µg/m^3)	0.116	
	SO_2 (µg/m^3)	0.086	
	NO_2 (µg/m^3)	1.86	
	Construction Phase:	250 KVA	
	Water Requirement & Source	12.48 KLD Tanker supply	
	Anti-Smog Gun	4	

observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, License No. 02 of 2025 has been obtained vide Endst. No. LC-5272-JE(RK)-2025/906 dated 08.01.2025 for setting up of a Group Housing Colony under Retirement Housing Policy dated 17.08.2021 over an area measuring 1.57875 acres in the revenue estate of village Palra, Sector-70A, Gurugram-Manesar Urban Complex which is valid upto 07.01.2030.
- That, Zoning plan has been obtained vide DRG. no. 10753 dated 08.01.2025.
- That, the project is **on concept basis**.
- That, Water assurance has been Obtained from GMDA vide Letter No. EIC II-202006(07)/1/2019-O/o SE WSS(O and M)-Infra II dated 13.01.2025. Copy of the same is attached as **Annexure 1.**
- That, sewer assurance has been Obtained from GMDA vide Memo. No. GMDA/SEW/2025/55 dated 17.01.2025. Copy of the same is attached as **Annexure 2.**
- That, AAI NOC has been obtained from AAI vide Letter No. AI/RHQ/AR/ATM/NOC/2024/969/3413-16 dated 25.10.2024 valid up to 24.10.2032. Copy of the same is attached as **Annexure 3.**
- That, Forest NOC has been obtained vide Reference No. (SRN):- P6D-Q2A-JTF8 dated 16.08.2024. Copy of the same is attached **Annexure 4.**

- That, IGBC Pre-certificate has been obtained vide Registration No. GH2400412 in January 2025.
- That, Power assurance has been obtained copy of the same is attached as **Annexure 5.**
- That, Aravali NOC has been obtained. Copy of the same is attached as **Annexure 6.**
- That, Population density has been calculated as per Policy for Planned Development of Retirement Housing Through Grant of Licence Under Act No 8 Of 1975 by Town And Country Planning Department. Copy of policy is attached as **Annexure 7.**
- That, Total green area is approx. 1600 sq.m. (25.04 % of the plot area) out of which 770 sqm (12 % of the plot area) under block plantation. Landscape plan is attached as **Annexure 8.**
- That, revised EMP budget is attached as **Annexure 9.**
- That, STP treated water assurance and Storm water assurance has been obtained. Copy of the same is attached as **Annexure 10 & 11.**
- That, Soil investigation report, Ground Water Quality has been carried out and submitted along with Complete report.
- That, no litigation is pending against the project.
- That, No Revenue Rasta, HT Line passes through the project.

Table 2 – EMP Detail

Environment Budget (Construction Phase)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
BARRICADING OF CONSTRUCTION SITE	5.03	1.11
ANTI - SMOG GUN WITH COMPLETE ASSEMBLY	20	2
DUST MITIGATION MEASURES	1.5	0.25
ENVIRONMENT MONITORING & 6 MONTHLY COMPLIANCE REPORT OF EC CONDITIONS		2
TOTAL	**26.53**	**5.36**

ENVIRONMENT BUDGET (Operation Stage)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
SEWAGE TREATMENT PLANT (50 KLD)	10	2.70

RAIN WATER HARVESTING SYSTEM Rain Water Stor age (2 no.)	7	1.05
SOLID WASTE STORAGE BINS & COMPOSTER 150 k g/day (2x75 kg/day)		1.68
HORTICULTURE DEVELOPMENT (TREE PLANTATI ON & LANDSCAPING)	1.04	0.26
ENVIRONMENT MONITORING & 6 MONTHLY COMP LIANCES OF ENVIRONMENT CLEARANCE CONDITI ONS		2.00
TOTAL	**20.59**	**7.69**

BUDGET OUTSIDE THE PROJECT SITE CER	
COMPONENT	**Capital Cost (in lacs)**
Adoption of school in nearby village	35

3.7.3. Deliberations by the committee in previous meetings

N/A

3.7.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding License, Zoning plan, Water assurance, sewer assurance, AAI NOC, Forest NOC, IGBC Pre-certificate, Power Assurance, Aravali NOC, Population, Green Area, Plot Area, EMP Budget, STP Treated Water, Soil Investigation Report, Ground Water Quality, Litigation HT Line, Revenue Rasta, as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Subh Housing (Gurgaon) LLP as per License No.02 of 2025 dated 08.01.2025 issued by Department of Town & Country Planning vide Endst No.LC-5272/JE(RK)/2025/906 dated 08.01.2025 (valid upto 07.01.2030).

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.7.5. Recommendation of SEAC

Recommended

3.7.6. Details of Environment Conditions

3.7.6.1. Specific

N/A

3.7.6.2. Standard

8(a)	**Building / Construction**
Statutory compliance	
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
Air quality monitoring and preservation	
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind

	directions during the construction period.
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7.	Wet jet shall be provided for grinding and stone cutting.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.
Water quality monitoring and preservation	
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.

7.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
8.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
10.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13.	All recharge should be limited to shallow aquifer.
14.	No ground water shall be used during construction phase of the project.
15.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
18.	No sewage or untreated effluent water would be discharged through storm water drains.
19.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
21.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

Noise monitoring and prevention	
1.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
Energy Conservation measures	
1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2.	Outdoor and common area lighting shall be LED.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
Waste Management	
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms

	with necessary approvals of the State Pollution Control Board.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
10.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
Green Cover	
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
Transport	
1.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation

	and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
Human health issues	
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5.	Occupational health surveillance of the workers shall be done on a regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.
7.	i. The project proponent shall comply with the provisions of CER, as applicable.
8.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or share holders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
9.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
10.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
Miscellaneous	
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2.	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.

5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
8.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP reportand also that during their presentation to the Expert Appraisal Committee.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
13.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
18.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
Specific Conditions	

1.	**The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2.	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
3.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
4.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
5.	The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
6.	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
7.	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
8.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time.
9.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
10.	Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.

12.	The PP shall not carry any construction above or below the Revenue Rasta, if any.
13.	The PP shall keep the ROW below the HT Line passing through the project, if any.
14.	The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
15.	Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
16.	The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency.
17.	The PP shall not give occupation or possession before the water supply, electricity and sewage connection permitted by the competent authority.
18.	The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
20.	The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
21.	The PP may provide electric charging stations to facilitate electric vehicle commuters.
22.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
23.	The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
24.	The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
25.	In the proposed landscape plan, native species shall be included as per the list of concerned DFO.
26.	The minimum growth of trees should be 03 meters with sufficient canopy.
27.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
28.	Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).

29.	A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained and the existing trees will be counted for this purpose.
30.	The species with heavy foliage, broad leaves and wide canopy cover are desirable.
31.	Water intensive and/or invasive species should not be used for landscaping.
32.	As proposed, **1600 sq.m. (25.04 % of the plot area)** shall be provided for landscape out of which **770 sqm (12 % of the plot area)** shall be earmarked for block plantation.
33.	**02 Rain Water Harvesting Pits** shall be provided for ground water recharging as per the CGWB norms.
34.	**The PP shall install Solar panel as per HAREDA norms.**
35.	The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
36.	**The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in).**
37.	**The PP shall get project electrification plan approved from the competent authority before operation of the project.**
38.	The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

3.8. Agenda Item No 8:

3.8.1. Details of the proposal

Expansion of Affordable Group Housing Colony in the revenue estate of Village- Ullawas & Behrampur, Sector-59, Gurugram, Haryana developed by M/s. Pyramid Home Developers LLP and Others by **PYRAMID HOME D EVELOPERS LLP** located at **GURUGRAM,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/494413/2024	SEAC/HR/2024/310	18/01/2025	Building / Construction (8(a))

3.8.2. Project Salient Features

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/494413/2024 dated 20.08.2024 for obtaining **Environment Clearance for Expansion** under Category 8(a) of EIA Notification dated

14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No.990076 dated 09.08.2024.

Table 1 – Basic Detail

Sr. No.	Particulars	As per earlier EC (M^2)	Expansion M^2	Total (in M^2)
	Online Project Proposal Number	SIA/HR/INFRA2/494413/2024		
	Latitude	28°24'15.07"N		
	Longitude	77° 6'25.64"E		
	Plot Area	23055.714	Nil	23055.714
	Proposed Ground Coverage	5544.945	-157.27	5387.675
	Proposed FAR	51343.21	2827.831	54171.041
	Non FAR Area	5361.25	-796.958	4564.292
	Total Built Up area	56704.46	2030.873	58735.333
	Total Green Area with Percentage	4611.14	Nil	4611.14 Sq. M (20% of Plot area
	Rain Water Harvesting Pits	6	Nil	6
	STP Capacity (KLD)	300 &150	165	615
	Total Parking ECS	424	51	475
	Organic Waste Converter (Kg/day)	2 nos capacity 1750 kg/day (1x1250 kg/ day+ 1x500 kg/day)	Nil	2 nos. of Organic waste converters of capacity 1180 Kg/day (2*580) Kg/day is proposed.
	Maximum Height of the Building (m)	47.86	Nil	47.86
	Power Requirement (KW)	3364	-409.3	2954.70
	Power Backup	1 nos of DG sets of 500 kVA	90	1 nos of DG sets of 590 kVA
	Population	5,303	316	5,619
	Total Water Requirement (KLD)	415	23	438
	Fresh Water Requirement (KLD)	286	17	303
	Treated Water (KLD)	129	6	135

	Waste Water Generated (KLD)	335	19	354
	Solid Waste Generated (Kg/day)	2,318	136	2454
	Biodegradable Waste (Kg/day)	1391	-410	982
	Number of Towers	8	Nil	8
	Stories	S+G+14F	Nil	S+G+14F
	Dwelling unit/EWS	824	52	876
	Commercial	2	Nil	2
	Community Hall	1	Nil	1
	Aaganwari	1	Nil	1
	R+U Value of Material used (Glass)	U-5.5 w/m2 K	Nil	U-5.5 w/m2 K
	Total Cost of the project : (In Crore.)	Rs. 187.5 Cr	Nil	Rs.187.50 Cr
	CER lakhs		20	20
	EMP Budget (in Lakhs)	151.38		244.38
	Incremental Load in respect of: PM 2.5			0.0004 (µg/m^3)
	PM 10			0.00065 (µg/m^3)
	SO_2			0.00162 (µg/m^3)
	NO_2			0.00085 (µg/m^3)
32.	Construction Phase: i. Power Back-up	--	--	Temporary electrical connection of 19 KW & 01 DG of 125 KVA
33.	ii. Water Requirement & Source	--	--	Fresh water – 10 KLD for drinking & sanitation. Source: Fresh water – HSVP/GMDA Construction Water – GMDA
34.	iii. STP (Modular)	--	--	1 Nos. of 5 KLD
35.	iv. Anti-Smoke Gun	--	--	01 Nos. of Anti-smo

				ke gun

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

1. The project had received License from the Directorate of Town & Country Planning, Haryana with License no. 133 of 2019 dated 16.12.2019 which is valid up to 15.12.2024. We have also submitted fee to DTCP, Haryana against application for renewal of License No.133 of 2019 through transaction no. TCP31773241227177142 on dated: 27.12.2024.
2. That EC has been granted from State Environment Impact Assessment Authority, Haryana on dated 11.01.2021 for Plot Area- 5.6972 Acres /23,055.714 Sq.M and Built up area 56,704.46 Sq. M.
3. That Project has been granted CTE from HSPCB vide consent No. HSPCB/Consent/: 329962321GUNOCTE9053054 dated: 15.02.2021.
4. That, we have attached the construction status as ***Annexure –A.***
5. That we have Obtained IGBC Certificate from IGBC in Oct, 2021 for additional FAR.
6. That the Site plan has been approved from DTCP, Haryana through Memo. No. 217118 Dated 24.12.2021.
7. That we are applying for expansion of earlier EC for total Builtup area- 58735.333 Sq. M (56704.46 Sq. M + 2030.873 Sq. M).
8. That the Certified Compliance Report of earlier EC from the Regional Office MOEF&CC, Chandigarh has been obtained on dated 28.01.2025 and we have also submitted Action taken report of non-compliance of CCR to MOEF&CC, Chandigarh on dated 30.01.2025. (Copy of CCR with ATR is attached as ***Annexure-B)***
9. That we will maintain green area as per earlier EC i.e., 4611.14 Sq. M (20% of Plot area). The Block plantation is not possible because major development/ Construction work has been completed at project site.
10. That All Assurances are mentioned in the table given below:

S. No.	Assurances/ No C	Issued From	Memo No.	Date
1	Forest NoC	Divisional Forest Officer	M5B-6PG-92X9 MQR-9MD-86UN	20.09.2019 20.09.2019
2	Aravali NoC	Deputy Commissioner	82/MB	06.12.2019
3	Structure stability Certificate	Structural Engineer	AM/089710/0	30.08.2024.
4	Power	DHBVN	ch-24/SE/R-APDRP/ OLNC-HT/GGN-II/EP-116	28.10.2021
5	Sewerage	GMDA	GMDA/SEW-II/2020/ 56	24.01.2020
7	Fresh water	GMDA		29.10.2019.
8	AAI NoC	Airport Authority of India	PALM/NORTH/B/01 1320/438224	24.01.2020

11. That Asola Bhatti wildlife Sanctuary is at a distance of approx. 5.7 Km in NE direction from project site and Sultanpur National Park is at a distance of approx. 21.3 km in NW direction.
12. That we are proposing the 2 Nos. of OWC which is having total capacity of 1180 kg/day (2*580 kg/day) instead of 1 Nos. of OWC which is having total capacity of 1,180 Kg/day.
13. That no litigation is pending against our project.
14. That there is no Revenue Rasta and HT-line crosses through project site.

Table 2 – EMP Detail

EXPENDITURE EMP

S. No.	Item	Amount (In Lakhs)
1	Stack height for DG Sets and acoustics	12.0
2	Dust Mitigation Measures Including site barricading, water sprinkling and anti-smog gun)	54.38
3	Waste Water Management (Sewage Treatment Plant)	42.00
4	Rainwater harvesting system	12.00
5	Landscaping & tree plantation	15.00
6	Air, Noise, Soil, Water Monitoring	8.00
7	Solid Waste Management (Dust bins & OWC	8.00
	Total	**151.38**

PROPOSED EMP

During Construction Phase			**During Operational Phase**		
Description	**Capital Cost (In Lakhs)**	**Recurring Cost (In Lakhs per Year)**	**Description**	**Capital Cost (in Lakhs)**	**Recurring Cost (In Lakhs per Year)**
Sanitation and Waste water Management (Modular STP)	0.0	2.0	Waste Water Management (Sewage Treatment Plant)	20.0	5
Garbage & Debris disposal	0.0	1.0	Solid Waste Management	5.0	2
Tree Plantation	5.0	2	Tree Plantation	10.0	1
Air, Noise, Soil, Water Monitoring	0.0	2	Monitoring for Air, Water, Noise & Soil	0.0	1
Rainwater harvesting system	2.0	1	Rainwater harvesting system	0.0	1

Dust Mitigation Measures Including site barricading, water sprinkling and anti-smog gun)	5.0	2.0	Stack height for DG Sets and its acoustics	5.0	1
CER Budget	20	-			
Sub-Total	32.00	10.00	**Total**	40.0	11
Total	**Rs 93 Lakhs**				

PP further submitted reply of ATR points as following:

S. No.	**Information/documents**	**Reply**	**Remarks by SEAC**
	PP failed to show/provide the permission letter of Chief Town Planner, Haryana cum-Chairman.	The license is granted from Department of Town and Country Planning, Haryana through License No. 133 of 2019 dated 15.12.2024. Change of Developer is also obtained for the same through Endst. No. LC-4025+4026-JE (VA)/ 2020/ 3488 dated 05/05/2020. Copy of License followed by it's COD is attached as ***Annexure-1.*** Zoning is obtained from DTCP through DRG. No. DTCP 7298 dated 17.12.2019. Copy of Zoning is attached as ***Annexure-2.***	PP has submitted the permission letter obtained from Chief Town Planner, Haryana cum-Chairman.
	PP failed to show copy of the Air Dispersion Modeling during site visit which was submitted to SEIAA during appraisal of the project.	A detail of Air Dispersion Modeling which was submitted to SEIAA at the time of appraisal is attached as ***Annexure-3.***	Air Dispersion Modeling was submitted to SEIAA at the time of appraisal. Thus, the condition has been complied.
	During visit it was noticed that no Ambient Air Quality monitoring system was installed on up wind and downwind directions.	We have provided Ambient Air Quality monitoring system on upwind and downwind directions.	We have provided Ambient Air Quality monitoring system. Thus, we have complied with the condition.
	During visit PP doesn't provided year wise progress of implementation of action plan report for EMP and environmental conditions.	The details of year wise progress report for EMP (Incurred till date) are attached as ***Annexure-4.***	PP has submitted the details of year wise progress report for EMP. Thus, PP has complied with the condition.
	During site visit PP failed to provide/show the financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation.	PP has commenced construction at site dated 16.02.2021 and for the same CTE has been obtained from concerned department before start of construction phase of the project. Project is still in construction phase thus this condition is not applicable to us at present. We will obtain the CTO from c	PP has submitted the details for commencement of land development work and start of production operation. Thus, PP has complied with the condition.

		oncerned department before operatio n of the project.	
	PP failed to provide the copy of Disaster Management Plan.	The copy of Disaster Management P lan is attached as ***Annexure-5.***	PP has submitted Emergency pre paredness plan based on the Haz ard identification and Risk Asses sment (HIRA) and Disaster Man agement. Thus, PP has complied with the c ondition.
	PP failed to show the copy of th e Environmental Cell both at th e project and company head qu arter level during visit.	Environmental Cell is attached as ***A nnexure-6.***	PP has submitted the details of E nvironmental Management Cell of the project. Thus, PP has complied with the c ondition.
	During site visit it was also obs erved that construction material s were not kept in a designated place, which may cause health hazards to the workers.	PP has assured that all the constructi on materials will be kept at a designa ted place.	PP has assured that all the constr uction materials will be kept at a designated place. Thus, PP has complied with the c ondition.

3.8.3. Deliberations by the committee in previous meetings

N/A

3.8.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding License, Previous EC, CTE, Construction Status, IGBC Certificate, Site Plan, Builtup Area, Certified Compliance Report, ATR, Block Plantation, Green Are, Forest NOC, Aravali NOC, Structure Stability Certificate, Power, Sewerage, Fresh Water, AAI NOC, Wildlife Sanctuary, OWC, Litigation, Revenue Rasta, HT Line, Plant Species, Percolation Data, Groundwater Quality report, Fire NoC as well as the submissions made by the PP.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance for Expansion** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Pyramid Home Developers LLP as per License No.133 of 2019 dated 16.12.2019 issued by Department of Town & Country Planning vide Endst No.LC-4025+4026-JE(VA)-2019/31120 dated 17.12.2019 valid upto 15.12.2024 and further Change of Developers approved by Department of Town & Country Planning vide order bearing Endst No.LC-4025+4026-JE(VA)-2020/7488 dated 05.05.2020

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.8.5. Recommendation of SEAC

Recommended

3.8.6. Details of Environment Conditions

3.8.6.1. Specific

N/A

3.8.6.2. Standard

8(a)	**Building / Construction**
Statutory compliance	
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
Air quality monitoring and preservation	
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7.	Wet jet shall be provided for grinding and stone cutting.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.
Water quality monitoring and preservation	
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project

	under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
8.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
10.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13.	All recharge should be limited to shallow aquifer.
14.	No ground water shall be used during construction phase of the project.
15.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
18.	No sewage or untreated effluent water would be discharged through storm water drains.
19.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.

20.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
21.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
Noise monitoring and prevention	
1.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
Energy Conservation measures	
1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2.	Outdoor and common area lighting shall be LED.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
Waste Management	
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.

4.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
10.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
Green Cover	
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
Transport	
1.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the

	current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
Human health issues	
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5.	Occupational health surveillance of the workers shall be done on a regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.
7.	i. The project proponent shall comply with the provisions of CER, as applicable.
8.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or share holders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
9.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
10.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
Miscellaneous	
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2.	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
8.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP reportand also that during their presentation to the Expert Appraisal Committee.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
13.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

18.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
Specific Conditions	
1.	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
2.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
3.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
4.	The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
5.	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
6.	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
7.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time.
8.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
9.	Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
10.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code

	including protection measures from lightening etc.
11.	The PP shall not carry any construction above or below the Revenue Rasta, if any.
12.	The PP shall keep the ROW below the HT Line passing through the project, if any.
13.	The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
14.	Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
15.	The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency.
16.	The PP shall not give occupation or possession before the water supply, electricity and sewage connection permitted by the competent authority.
17.	The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
18.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
19.	The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
20.	The PP may provide electric charging stations to facilitate electric vehicle commuters.
21.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
22.	The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
23.	The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
24.	In the proposed landscape plan, native species shall be included as per the list of concerned DFO.
25.	The minimum growth of trees should be 03 meters with sufficient canopy.
26.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.

27.	Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
28.	A minimum of 1 tree (5’ tall) for every 80 sqm of land should be planted and maintained and the existing trees will be counted for this purpose.
29.	The species with heavy foliage, broad leaves and wide canopy cover are desirable.
30.	Water intensive and/or invasive species should not be used for landscaping.
31.	As proposed PP shall provide **4611.14 Sq. M (20% of Plot area)** for green area development.
32.	**06 Rain Water Harvesting Pits** shall be provided for ground water recharging as per the CGWB norms.
33.	**The PP shall install Solar panel as per HAREDA norms.**
34.	The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
35.	**The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign “Ek Ped Maa Ke Naam” and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in).**
36.	**The PP shall get project electrification plan approved from the competent authority before operation of the project.**
37.	The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

3.9. Agenda Item No 9:

3.9.1. Details of the proposal

Commercial complex Project by **OMAXE WORLD STREET PRIVATE LIMITED** located at **FARIDABAD,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/519522/2025	SEAC/HR/2024/311	21/01/2025	Building / Construction (8(a))

3.9.2. Project Salient Features

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/519522/2025 dated 21.01.2025

for obtaining **Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No.013960 dated 16.01.2025.

Table 1 – Basic Detail

Name of the Project: Commercial complex Project (13.50 acres) located at Sector-79, District-Faridabad, Haryana by M/s Omaxe World Street Pvt. Ltd.		
S. No.	**Particulars**	
1.	Online Proposal Number	SIA/HR/INFRA2/519522/2025
2.	Latitude	28°23'13.70" N
3.	Longitude	77°21'27.67" E
4.	Plot Area	54,632.56m^2
5.	Net Planned Area	----
6.	Net Plot Area	----
7.	Proposed Ground Coverage	23,002.575 m^2
8.	Proposed FAR	75,576.724m^2
9.	Non-FAR Area	33,777.589m^2
10.	Total Built Up area	1,09,354.313m^2
11.	Total Green Area with %	13,658.14m^2 (25% of plot area)
12.	Rainwater Harvesting Pits (with size)	13 RWH pits (Diameter -5m, & Depth 3.5m)
13.	STP Capacity	345 KLD
14.	Total Parking	1114 ECS
15.	Organic Waste Converter	2
16.	Maximum Height of the Building (m)	18.60m
17.	Power Requirement	5636.26 kW
18.	Power Backup	05no. of DG sets of 6010 kVA capacity (1 x 500 kVA, 1 x 1010 kVA, 3 x 1500 kVA)
19.	Total Water Requirement	787 KLD
20.	Domestic Water Requirement	307 KLD
21.	Fresh Water Requirement	196 KLD
22.	Treated Water	241 KLD

23.	Wastewater Generated		268 KLD
24.	Solid Waste Generated		2762 kg/day
25.	Biodegradable Waste		1,104.8 kg/day
26.	Number of Towers		11 blocks
27.	Dwelling Units/ EWS		---
28.	Basement		01
29.	Stories		G+3
30.	R+U Value of Material used (Glass)		2.67 W/m^2 deg C
31.	Total Cost of the project:		INR 432.30 Crores
		ii)Construction Cost	
32.	EMP Budget (per year)		864.6 Lakhs
			173.4 Lakhs
33.	Incremental Load in respect of:	$PM2_{.5}$	*0.4434* ***g***/m^3
		PM_{10}	*0.6939* ***g***/m^3
		SO_2	*0.7933* ***g***/m^3
		NO_2	*0.02028* ***g***/m^3
		CO	*0.0312* ***g***/m^3
34.	Status of Construction		No Construction is done at the project site
35.	Construction Phase:	Power Back-up	200 kVA
		Water Requirement & Source	150 ML & Private water tankers
		STP (Modular)	1
		Anti-Smog Gun	1

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

1. That we are going to construct the Commercial Complex Project at Sector-79, District - Faridabad Haryana.
2. That, We have been granted Phasing plan bearing memo no. ZP-842-Voll-III-

A/JD(GK)/2024/38579 Dated 06.12.2024 of commercial colony (under mix land use) measuring 38.540 acres (license no. 17 of 2012 dated 02.03.2012, license no. 62 of 2012 dated 15.06.2012, license no. 51 of 2017 dated 22.07.2017, license no. 52 of 2017 dated 22.07.2017, license no. 133 of 2022 dated 26.08.2022, license no. 23 of 2023 dated 06.02.2023, license no. 24 of 2023 dated 06.02.2023 and license no. 134 of 2024 dated 04.11.2024) falling in sector-79, Faridabad being developed by Omaxe World Street Pvt. Ltd of total area 38.540 acres.

3. As per the approved Phasing Plan, 13.50 acres area (bearing license no. 133 of 2022 dated 26.08.2022, license no. 23 of 2023 dated 06.02.2023, license no. 24 of 2023 dated 06.02.2023) has shown as Phase -5, 6 & 7 and Building Plan has also approved vide approval Form BR-III dated 17.12.2024.
4. That, we have split our earlier applied application vide proposal No. SIA/HR/INFRA2/457246/2024 & File No. SEAC/HR/2024 into two parts, one of under violation category (for which we are submitting updated application for violation part only) and for other part we have applied fresh application of area 13.50 acres for which building Plan and Phasing Plan has duly approved.

PP submitted another affidavit mentioning therein as under:

1. That we are going to construct the Commercial Complex Project at Sector-79, District - Faridabad Haryana.
2. That, the company has not commenced any construction work at the proposed project site we shall commence work only after obtaining the Environmental Clearance and receipt of all applicable NOC's/permission from the prescribed/ competent authorities of state and Centre Govt.
3. That, we will install 2 No's of OWCs for disposal of organic waste.
4. That, we will not do the construction below the HT line.
5. That, we will install Solar power of 40 kW.
6. That, no construction activity will be undertaken on the surface or below or above surface of Revenue Rasta passing through the project area.
7. That, there are no trees present at the project site
8. That, Asola Bhati Wildlife Sanctuary is 11.4 km (WNW Direction) away from the project site. It is not falling in study area.
9. There is no litigation pending against Commercial Complex Project at Sector-79, District - Faridabad Haryana by M/s Omaxe World Street Pvt. Ltd and that for any such litigation whatsoever, the sole responsibility will be borne by the project proponent.

Table 2 – EMP Detail

The cost of the project is proposed to be INR 432.30 Crores. The capital cost for environmental management of the proposed project is estimated to be INR 864.6 lakhs. INR 148.9 lakhs per year will be required as annual recurring expenses to meet the recurring expenditure for implementing the measures.

DURING CONSTRUCTION PHASE		
COMPONENT	**CAPITAL COST (INR LAKH)**	**RECURRING COST (INR LAKH/YR)**
Labor Sanitation & Wastewater Management	25	6.25

Dust Mitigation Measures Including site barricadin g, water sprinkling and anti-smog gun)	26	6.25
Storm Water Management (temporary drains and se dimentation basin)	25	6.25
Solid Waste Management	10	2.4
Sub-Total	**86**	**21.15**

DURING OPERATION PHASE		
COMPONENT	**CAPITAL COS T (INR LAKH)**	**RECURRING COST (INR LAKH/YR)**
Sewage Treatment Plant	150	37.5
Rainwater Harvesting System	120	30
Solid Waste Management	110	27.5
Environmental Monitoring	0	9
Green Area/ Landscape Area	95	23.75
Sub-Total	**475**	**127.75**

BUDGET OUSTSIDE THE PROJECT SITE CER	
COMPONENT	**CAPITAL COST (INR LAKH)**
Government High School, Bhatola • Complete makeover • Construction of toilets • Installation of Solar Panels • Painting of School Building • Replacement of doors and windows • Energy efficient lighting • Smart Classroom equipment	303.6
Sub-Total	**303.6**

TOTAL EMP BUDGET		
COMPONENT	**CAPITAL COST (INR LAKH)**	**RECURRING COS T (INR LAKH/YR)**
During Construction Phase	86	21.15

During Operation Phase	475	127.75
Budget for the nearby Government School for i mprovement of infrastructure	303.6	--
TOTAL	**864.6**	**148.9**

3.9.3. Deliberations by the committee in previous meetings

N/A

3.9.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding License, Phasing Plan, Status of Site, OWC, HT Line, Building Plan, Landscape Plan, Block Plantation, Aravali NOC, AAI NOC, Power Assurance, Sewer Assurance, Electrification Plan, Percolation Data, Ground Water Quality, Solar Power, Revenue Rasta, Trees, Wildlife Sanctuary, Litigation, as well as the submissions made by the PP.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Omaxe World Street Private Limited as per License No.24 of 2023 dated 06.02.2023 issued by Department of Town & Country Planning vide Endst No.LC-2445 F-JE(SK)-2023/3776 dated 08.02.2023 valid upto 05.02.2028

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.9.5. Recommendation of SEAC

Recommended

3.9.6. Details of Environment Conditions

3.9.6.1. Specific

N/A

3.9.6.2. Standard

8(a)	**Building / Construction**

Statutory compliance

1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
Air quality monitoring and preservation	
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.

6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7.	Wet jet shall be provided for grinding and stone cutting.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.
Water quality monitoring and preservation	
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
8.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
10.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

11.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13.	All recharge should be limited to shallow aquifer.
14.	No ground water shall be used during construction phase of the project.
15.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
18.	No sewage or untreated effluent water would be discharged through storm water drains.
19.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
21.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
Noise monitoring and prevention	
1.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

Energy Conservation measures	
1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2.	Outdoor and common area lighting shall be LED.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
Waste Management	
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
1	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing

0.	guidelines/ rules of the regulatory authority to avoid mercury contamination.
Green Cover	
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
Transport	
1.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
Human health issues	
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and

	facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5.	Occupational health surveillance of the workers shall be done on a regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.
7.	The project proponent shall comply with the provisions of CER, as applicable.
8.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or share holders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
9.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
10.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
Miscellaneous	
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2.	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report

8.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP reportand also that during their presentation to the Expert Appraisal Committee.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
13.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
18.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
Specific Conditions	
1.	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled/reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
2.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
3.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.

4.	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
5.	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
6.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time.
7.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
8.	The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon foot print. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used.
9.	The PP shall install electric charging points for charging of electric vehicles.
10.	Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightening etc.
12.	That Project Proponent shall ensure that Revenue Rasta shall not be obstructed or transgressed to hamper the public movement in any way. Meaning thereby, Revenue Rasta shall remain open & accessible to public as existed earlier. Any attempt to obstruct/divert the Revenue Rasta, shall invite stern action as deemed appropriate from the Competent Authority.
13.	The PP shall not carry any construction below the HT Line passing through the project, if any.
14.	The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
15.	Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
16.	The PP shall not give occupation or possession before the water supply, sewage connection and electricity connection permitted by the competent authority.

17.	The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
18.	The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
20.	The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
21.	The PP may provide electric charging stations to facilitate electric vehicle commuters.
22.	The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
23.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
24.	The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
25.	The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
26.	**The PP shall get project electrification plan approved from the competent authority before operation of the project.**
27.	As proposed, **13,658.14m^2 (25% of plot area)** shall be provided for green area development.
28.	**13 Rain Water Collection pits** shall be provided for storage of rain water.
29.	The PP shall install **Solar power of 40 kW.**
30.	The PP shall carry out **plantation of saplings** in the proposed green area as a part of the **tree plantation campaign "Ek Ped Maa Ke Naam"** and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in).
31.	The PP shall install required number of **Anti-Smog Gun** at the project site as per the requirement of HSPCB.
32.	The PP shall register themselves on https://dustapphspcb.comportal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

3.10. Agenda Item No 10:

3.10.1. Details of the proposal

Expansion of capacity of Boulder,Gravel and Sand Mining Project "Shamtoo-1 Block/PKL B-11" located at villa ge Shamtoo & Rattewali, District Panchkula. by **STAREX MINERALS** located at **PANCHKULA,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/MIN/519644/2025	SEAC/HR/2024/312	22/01/2025	Mining of minerals (1(a))

3.10.2. Project Salient Features

The Project Proponent submitted online Proposal No. SIA/HR/MIN/519644/2025 dated 22.01.2025 for obtaining **Environment Clearance for Expansion** under Category 1(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,50,000/- vide DD No.504124 dated 10.08.2024.

Table 1 – Basic Detail

1.	Online Proposal no		SIA/HR/MIN/519644/2025	
2.	Category/Item no. (In Schedule)		1(a) Mining of Minerals (Non-Coal Minin g) Category B1	
3.	Area of Project		46.50 ha, Mineable area 34.25 ha	
4.	Date of LOI Granted by Mines & G eology Department, Haryana		23.02.2018	
5.	Date of ToR		25.08.2023	
6.	Date of Previous EC		16.08.2022	
7.	Date of Extension of EC		07.08.2023	
8.	Date of Approval of mine plan Gran ted by Mines & Geology Departme nt, Haryana		04.10.2023	
7	Location of Project		Village Shamtoo & Rattewali	
8	Project Details Khasra No.		Shamtoo -55 min Rattewali-141 Min, 142, 143	
9	Project Cost		Rs 21 Crores	
10.	Water Requiremen t	**Activity**	**Calculation**	**Round off Fig ure in KLD**
		Drinking	@ 30 lpcd per labor 30 lt*69/1000= 2.0 KLD	2.0

		Dust Suppression	Total Approach Road to be Water Sprinkled = 200 m 200m*6m*0.5*2 times/1000 = 1.2 KLD	1.2
		Plantation	15,500 plant (during plan period) 3,100/year @2 L/per plant= 3100*2.0 lt (1 lt twice a day) = 6200/1000= 6.2 KLD	6.2
11.	Environment Management Plan	INR 42 Lakhs (Capital Cost) INR 15 Lakhs (Recurring Cost)		
12.	CER Budget	30 Lakhs		
13.	Production	Sand Boulder and Gravel		
14.	Production Capacity	12,00,000 TPA		
15.	Corner Coordinates	A	30°38'33"N	76°59'18.8"E
		B	30°38'31"N	76°59'31.85"E
		C	30°38'31"N	76°59'32"E
		D	30°38'31"N	76°59'34.3"E
		E	30°38'29"N	76°59'31.5"E
		F	30°38'19.7"N	76°59'29.4"E
		G	30°38'19"N	76°58'26.95"E
		H	30°38'11"N	76°58'24.5"E
		I	30°38'3.5"N	76°58'24.5"E
		J	30°38'2.5"N	76°59'29.2"E
		K	30°38'59.2"N	76°59'26.7"E
		L	30°38'1.1"N	76°58'23.5"E
		M	30°38'00"N	76°58'21.8"E

		N	30°38'54"N	76°59'21.8"E
		O	30°38'54"N	76°59'29.2"E
		P	30°38'44"N	76°59'29.2"E
		Q	30°38'42"N	76°59'28.3"E
		R	30°38'42"N	76°59'13.6"E
		S	30°38'48"N	76°59'17.9"E
		T	30°38'50"N	76°59'17.9"E
		U	30°38'56"N	76°59'14.5"E
		V	30°38'56"N	76°59'15.1"E
		W	30°38'01"N	76°59'12"E
		X	30°38'5.5"N	76°59'17.2"E
		Y	30°38'09"N	76°59'14.7"E
		Z	30°38'11"N	76°59'14.7"E
		A1	30°38'15"N	76°59'19.2"E
		A2	30°38'19"N	76°59'19.7"E
		A3	30°38'21"N	76°59'18.4"E
		A4	30°38'27"N	76°59'18.4"E
		A5	30°38'31"N	76°59'19.1"E
16.	Green Belt Plantation	**15,500 plants**		
17.	Machinery Required	Chain Mounted Excavators/Loaders etc, Water Tankers & Trucks,Tippers& Tractor Trolleys		
19.	Power Requirement	**Elec**tric connection has been taken for office and security purpose from Electricity Board		
20.	Power back	**DG set**		

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply dated 29.01.2025 alongwith an affidavit dated 29.01.2025 mentioning therein as under:

1. The letter of intent was issued by the department of mines & geology, Haryana in favor of M/s Starex Minerals on 23.2.2018 vide letter no DMG/HY/Cont/Shamtoo-1 Block/BKL-11/2018/904.

2. The mining plan of proposed Mining Area has been approved with 3 meter depth of extraction of Minor Minerals of 1800000 TPA.

3. Due to non-availability of replenishment Report the EC was granted to us for only 1 m depth and for annual production of 4,00,000 TPA vide EC Identification no EC22B001HR146175, File no SEIAA/HR/2022/153 for one year which was further extended by SEIAA Vide letter no. SEIAA (163)/HR/2023/514 Dated 07/08/2023.

4. That the mining plan had been approved by Department of Mines and Geology for production capacity of 18,00,00 TPA for a permissible depth of 3.00 m vide memo no. DMS/HY /MP Shamtoo-1/ PKL B-11/2023/ 5710 dated 04.10.2023.

5. The replenishment study was conducted by us and same was approved by your department vide memo no DMG/HY/Cont./Shamtoo-1 Block PKL B-11/2023/4914 Dated 28.10.2024.

6. That the Director, Geology & Mining has already endorsed our request vide letter no DMG/HY/RS/Shamtoo-1 Block /PKL B-11/2023/3796 Dated 03.07.2023 stating the facts of the case for consideration of expansion of capacity.

7. That we shall apply to ground water board for permission.

8. That we shall leave distance from the Under-construction bridge from Rattewali to Tapriya as mandated in Sustainable Sand Mining Guidelines ,2016.

9. That, we shall restrict our production to 12,00,00 TPA i.e. 3 times the earlier granted production.

10. That the lease area is mentioned in the Approved DSR of the district.

11. That we have applied for tree cutting permission for 25 trees falling in the lease area **(Copy attached)** and precautions will be taken so that no damage is done the trees until such permission is given by the DFO. Also, we will bear the cost of cutting or transplantation of trees whatever is suggested by the DFO.

12. The revised EMP and CSR cost is **attached with this affidavit.**

Table 2 – REVISED CSR BUDGET

SI. No.	Activity	Cost (in Rs.)
1.	Development of a nearby school including upgradation of infras tructure, sports facilities, Digital library etc after due consultatio n with Education Department	30,00,000/-
TOTAL		**30,00,000/-**

Table 3 REVISED EMP BUDGET

SI. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs)
		1st year	2nd yr onwards
1.	Pollution Control Dust Suppression /Wate r Sprinkling	4,00,000	2,00,000

2.	Baseline Monitoring & Replenishment stu dy	5,00,000	4,00,000
3.	Green belt development	15,00,000	3,00,000
4.	Maintenance of haul road	15,00,000	5,00,000
5.	RWH pits (6 pits) at Panchayat assets in Village Shamtoo & Rattewali	3,00,000	1,00,000
	Total	**42,00,000**	**15,00,000**

Manpower Details

S. No.	Category	Numbers
1	Manager Mines	1
2	Assistant Manager	1
3	Skilled Personnel	10
4	Un-skilled Personnel	10
	Total	**22**

Plantation Plan

Year	No. of plants	Location		
		Along approach road	**At other place in Village like gram panchayat, schools after consulting local authorities**	**Village site & Coordinates**
1st	3,100	104	2,996	In village Rattewali – 30°38'13.51"N 76°58'56.13"E In any panchayat asset, Shamtoo 30°37'24.09"N 76°58'43.59"E
2nd	3,100	104	2,996	
3rd	3,100	104	2,996	
4th	3,100	104	2,996	
5th	3,100	104	2,996	
Total	**15,500**	**520**	**14,980**	

- PP has already written to the sarpanches of Village Ratterwali and Shamtoo to provide land to develop fruit orchid plantation.
- The said land will be developed as community plantation with Fruit bearing plants and medicinal plants such as amla, mango, Guava,Ber Etc.
- The land developed shall be handed over to the panchayat for their further use as deemed fit.

Land Use Pattern

S. No.	Type of Land use	Present Land use (Ha.)	At the end of 5th Year (ha.)
1	Pit Area	0.00	0.00
2	Dump Area	0.00	0.00
3	Safety Zone	12.25	12.25
4	Infrastructure (Office, Temp. shelter etc) in restricted zone	0.00	0.00
5	Mineral Storage	0.00	0.00
6	Plantation	0.00	5.00
7	Un-worked	34.25	0.00
8	Naturally reclaimed area	-	34.25
Total lease area		**46.50**	**46.50**

S. No.	Name of machinery	Capacity	Nos.
1	Chain Mounted Excavators/ Loaders	1.30-2.0 m^3	*06*
2	Tippers, Trucks and tractor Trolleys	25 tons	41
3	Water Tanker	4000 liters	*2*
4	Light vehicles	--	*2*

3.10.3. Deliberations by the committee in previous meetings

N/A

3.10.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding LOI, Mining Plan, Replenishment Report, Water, Production Capacity, Lease Area, Trees, EMP, CSR, SoP for Haul Road as well as the submissions made by the PP.

The Committee thoroughly discussed the contents of affidavit and documents submitted by the PP at length. The PP also raised amount earmarked for various activities under CSR, EMP and Occupational Health. The PP has proposed rate of production as **18,00,000 TPA but committee decided to approve production for only 12,00,000 TPA i.e.3 times of the already approved production i.e. 4,00,000 TPA as per earlier EC,** at **"Shamtoo-1 Block/PKL B-11" located at Village Shamtoo & Rattewali,**

District Panchkula, State Haryana. The representative from the Mines & Geology Department, Haryana, Sh. Sanjay Simberwal, ME was also present in the meeting and authenticated the DSR, Mining Plan etc. approved/issued by the Mines & Geology Department, Haryana in this case.

After detailed deliberations, the Committee decided to recommend the case to SEIAA for granting of EC under Category B1, 1(a) of EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India **till the validity of Mining plan or Validity of Lease whichever is earlier** of mining of Boulder, Gravel & Sand of **12,00,000 TPA** at **"Shamtoo-1 Block/PKL B-11" located at village Shamtoo & Rattewali, District Panchkula with production capacity of 12,00,000 TPA** keeping in view of LOI and DSR/approved Mining Plan/ToR/EIA Report with **maximum depth of 3 meter to** M/s Starex Mineral with the following specific and general stipulations:

3.10.5. Recommendation of SEAC

Recommended

3.10.6. Details of Environment Conditions

3.10.6.1. Specific

Specific Conditions	
1.	The PP shall restrict maximum mining depth upto 3 meters above the Ground Water Table as per approved Mining Plan.
2.	The PP shall comply with Sand and Mining Enforcement & Monitoring Guidelines for Sand Mining, 2020.
3.	The PP shall construct the pucca link roads connected to the main road at the mining site before the start of mining.
4.	The PP shall construct the Haul roads of width 10 meters.
5.	The PP shall provide only one exit and one entry to the Mining Project area and all the mining shall be dispatched through E-billing.
6.	The PP shall maintain an un-mined block of 50 meters width after every block of 1000 meters over which mining is undertaken or at such distance as may be directed by the Director or any officer authorized by him.
7.	The PP shall restrict mining within the central 3/4th width of the river/rivulet.
8.	The PP shall not permit any mining in a river bed up to a distance of five times of span of a bridge on upstream and ten times the span of such bridge on downstream side, subject to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
9.	The PP shall not permit any mining in an area up to width of 500 meters from the active edges of embankments in case of River Yamuna, 250 meters in case of Tangri, Markanda and Ghaggar and 100 meters on either side of all other rivers/rivulets.

10.	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
11.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of work.
12.	Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
13.	The PP shall take precautions to suppress the dust in and around the mining site. The PP shall use high pressure sprinklers instead of conventional sprinkles for efficient dust suppression.
14.	The PP shall develop greenbelt/landscape area in community/Panchayati area of the nearby village and project site area in consultation with local people and other stake holders to meet with the demand of public hearing.
15.	The PP shall create environment division unit in the project for implementing the conditions of Environment clearance.
16.	The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtain the CTO from HSPCB after the approval from CGWA.
17.	The PP shall adhere to the approved mining plan and approved closure plan by the competent authority.
18.	Action plan for the public hearing issues shall be complied in letter and spirit.
19.	The Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
20.	The Project proponent shall comply all the measures, conditions suggested in the approved mining plan with post closure mine plan, Environmental Management Plan (EMP) in a letter and spirit.
21.	Any change in stipulations of EC of the approved mining plan will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
22.	The PP shall submit the approved Wildlife Conservation Plan by Chief Wildlife Warden/Competent Authority before the start of the mining.
23.	The PP shall submit KML file of the project with SEIAA before start operation of the mining activities.

3.10.6.2. Standard

1(a)	**Mining of minerals**

null	
1.	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.
2.	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
Statutory compliance	
1.	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area."
2.	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
3.	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India &Ors before commencing the mining operations.
4.	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
5.	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
6.	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
7.	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
Statutory compliance	
1.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
2.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.

3.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
4.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of Schedule-I species in the study area).
5.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
6.	This Environmental Clearance (EC) is subject to orders/ judgment of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
7.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
Air quality monitoring and preservation	
1.	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.
2.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986. 9) The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each). covering upwind and downwind directions.
3.	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.
4.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. Monitor fugitive emissions in the plant premises.
5.	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each).covering upwind and downwind directions.
Air quality monitoring and preservation	

1.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
2.	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.
3.	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.
Air quality monitoring and preservation	
1.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
Water quality monitoring and preservation	
1.	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
2.	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.
3.	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
4.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
5.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
Water quality monitoring and preservation	
1.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
2.	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.
3.	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II

	(M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
4.	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
5.	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
6.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
7.	Adhere to Zero Liquid Discharge
8.	The project proponent shall provide the slime disposal facility with impervious lining and collection wells for seepage. The water collected from the slime pond shall be treated and recycled.
9.	The project proponent shall practice rainwater harvesting to maximum possible extent.
10.	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.
11.	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
Noise monitoring and prevention	
1.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
2.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
Noise and vibration monitoring and prevention	
1.	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.
2.	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and

	keeping the noise levels well within the prescribed limits for day /night hours.
Noise and vibration monitoring and prevention	
1.	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
Mining plan	
1.	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, O.B& dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life; etc.).
Energy Conservation measures	
1.	Provide LED lights in their offices and residential areas.
2.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
Mining plan	
1.	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.
Waste management	
1.	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
2.	Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)
Land reclamation	
1.	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.
2.	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
Land reclamation	
1.	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the

	OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.
2.	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.
Green Belt and EMP	
1.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
Transportation	
1.	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.
Transportation	
1.	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].
Green Belt and EMP	
1.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
Public hearing and Human health issues	
1.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
Public hearing and Human health issues	
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.

3.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
Green Belt	
1.	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.
Corporate Environment Responsibility	
1.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
Public hearing and human health issues	
1.	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure.
Corporate Environment Responsibility	
1.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest I wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
2.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.
Corporate Environment Responsibility	
1.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
2.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
3.	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
Miscellaneous	
1.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

2.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
3.	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
4.	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
5.	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
6.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
7.	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
Miscellaneous	
1.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
2.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
3.	44) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
5.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
6.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
7.	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.
8.	A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC.
9.	In pursuant to Ministrys O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Honble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any

	other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
10.	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.
Miscellaneous	
1.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
2.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponents website permanently.
3.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
4.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
5.	The project proponent shall monitor the criteria pollutants level namely; PM10, S02, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
Corporate Environment Responsibility (CER)	
1.	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.

3.11. Agenda Item No 11:

3.11.1. Details of the proposal

Proposed Naulatha Cement Grinding Unit with Cement Production capacity of 1 x 4.0 Million MTPA at Village: Naulatha, Tehsil: Israna, District: Panipat, State: Haryana by M/s. AMBUJA CEMENTS LIMITED (ACL), a gr oup company of Adani Group by **Ambuja Cements Limited** located at **PANIPAT,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/IND1/518982/2025	SEAC/HR/2024/076	22/01/2025	Cement plants (3(b))

3.11.2. Project Salient Features

The Project Proponent submitted online Proposal No.SIA/HR/IND1/518982/2025 dated 22.01.2025 for obtaining **Environment Clearance** under Category 3(b) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 001097 dated 27.12.2023 during the submission of ToR. The ToR was granted to the project on 06.04.2024.

Table 1 – Basic Detail

Name of the Project : EC for proposed Naulatha Cement Grinding Unit with Cement Production capacity of 1 x 4.0 Million MTPA at Village Naulatha, Tehsil Israna, District Panipat, State: Haryana by M/s. Ambuja C ements Limited (ACL), a group company of Adani Group by M/s Ambuja Cement Limited			
Sr. No.	**Particulars**		**Details**
1.	Online Proposal Number		SIA/HR/IND1/518982/2025
3.	Latitude		29°18'41.71"N
4.	Longitude		76°52'49.97"E
5.	Plot Area		9.28 Ha.
9.	Proposed Built Up Area		2.07 Ha.
10.	Total Green Area		3.23 Ha.
11.	Rain Water Recharging Pits		2 Nos.
12.	Proposed STP & ETP Capacity		STP-15 KLD
13.	Proposed total Parking		NA
14.	Organic Waste		25 TPA, 71 Kg/Day (1 Nos Deco mposer)
16.	Power Requirement		23 MW
17.	DG set Backup with Number		1250 kVA- 1 Nos
18.	Total Water Requirement		400 KLD
19	Domestic Water Requirement		10 KLD
20.	Fresh Water Requirement		400 KLD
21.	Treated Water		6 KLD
22.	Waste Water Generated		10 KLD (Domestic)
23.	Solid Waste Generated		3.9 TPA
24.	Total Cost of the project:	i) Land Cost	Total Cost- 1059 Crores Land Cost :- 18.0 crores Construction Cost :- 360 Crores Other Cost- 681 crores
		ii)Construction & Other cost	

25.	EMP Budget **(per year)**	Capital Cost	EMP Cost – 55 Crores Recuring Cost – 12.5 crores
		Recurring Cost	
26.	Incremental Load in respect of:	PM_{10}	0.53 ug/m3
		NO_2	0.21 ug/m3
		SO2	0.64 ug/m3

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

1. That, we have proposed to establish the Naulatha Cement Grinding Unit with Cement Production capacity of 1 x 4.0 Million MTPA at Village: Naulatha, Tehsil: Israna, District: Panipat, State: Haryana by M/s. Ambuja Cements Limited (ACL), a group company of Adani Group Business. The proposed project is falling under S.no. 3(b) Cement Plants and categorized under category B1, EIA Notification dated Sep 14th, 2006 and its subsequent amendments issued by MOEF&CC.
2. That, the land proposed during ToR application is 9.28 Ha. Currently, the land is owned by Adani Agri Logistics Panipat Ltd, a subsidiary of the Adani Group. Ambuja Concrete Ltd, having 99% shareholding in Ambuja Cement North Pvt. Ltd. which is established and working under umbrella of Ambuja Cements Limited. Copy of shareholding pattern is enclosed as **Annexure 1.** Lease deed has been executed between Adani Agri Logistics Panipat Ltd, and Ambuja North Pvt. Ltd. vide dated 08.10.2024. Copy of Lease Deed is enclosed as **Annexure 2**. We assure that CLU will be obtained prior to start of construction work.

SN	**Village Name**	**Khawat No/ Jamabandi No**	**Land Owner**	**Khasra No./Kila No**	**Kanal**	**Marla**	**Total Area Acer**
1.	Naulatha	278//232	Adani Agri Logistics Panipat Limited (AALPL)	126//8	2	3	0.26875
				126//13	10	6	1.2875
				126//14	8	0	1
				126//17/1	6	0	0.75
				126//18/1	6	0	0.75
				126//19.1	7	2	0.8875
				Total Land	**39**	**11**	**4.94375**
2.	Naulatha	273//228	Adani Agri Logistics Panipat Limited (AALPL)	126//19/2/2	2	17	0.35625
				126//21/1	3	5	0.40625
				126//21/2	4	2	0.5125

				126//21/1/1	0	18	0.1125
				126//21/1/2	1	3	0.14375
				Total Land	**12**	**5**	**1.53125**
3.		271//228	Adani Agri Logistics Panipat Limited (AALPL)	125//25/2/1	0	4	0.025
				125//25/2/2	2	2	0.2625
				125//154/1	7	12	0.95
				125//155/5	10	14	1.3375
				Total Land	**20**	**12**	**2.575**
4.	Naulatha	268//228/1	Adani Agri Logistics Panipat Limited (AALPL)	154//2/2	7	11	0.94375
				3/2/1	5	17	0.73125
				7/2	5	0	0.625
				8	8	0	1
				Total Land	**26**	**8**	3.3
5.	Naulatha	216//568 Min	Adani Agri Logistics Panipat Limited (AALPL)	155//21	7	18	0.9875
				22	8	0	1
				Total Land	**22**	**8**	**1.9875**
6.	Naulatha	515//447	Adani Agri Logistics Panipat Limited (AALPL)	155//6	8	0	1
				7	10	16	1.35
				13	10	18	1.3625
				14	8	0	1
				15	8	0	1
				18/2	4	1	0.6

				19	11	0	1.375
				Total Land	**61**	**10**	7.687501
7	Naulatha	126//5/1	Adani Agri Logistics Panipat Limited (AALPL)	126//5/1	1	11	0.19375
				126//7	5	16	0.725
				Total Land	**7**	**7**	**0.91875**
				Grand Total			**22.943**

3. That, the freshwater requirement will be 400 KLD which will be sourced from ground water for which prior permission from Haryana Water Resources Authority will be obtained before the start of construction and operation of industry.
4. That, the project will be ZLD and no effluent generation in the proposed project. The only wastewater generation will be sewage of 10 KLD which will be treated in the proposed STP of total capacity of 15 KLD and treated water will be reused in the gardening & other purposes.
5. That, the manufacturing process includes Clinker storage and handling, Gypsum storage and handling, Fly ash storage and handling, Cement production & Cement packing and dispatch along with the emissions control measures. The major pollutant is a dust particle and the EMP includes transportation raw material in closed vehicles, Covered Storage, covered transport belts, Concrete Road, Vacuum Sweeping & online PM emission monitoring at main stack and it will be connected with the portal of SPCB. The detailed description is available in **Annexure-3**.
6. That, this is industry is not cement plant, it's grinding unit of Cement.
7. That, we shall obtain power assurance for the project from the competent authority. Total power requirement for the proposed grinding unit will be 23 MW which is proposed from state Grid. Out of the total power consumption, 3% Green Power shall be generated by installing solar power plant outside plant premises and within the state boundary.
8. That, Total project area is 9.28 Ha and out of the total project area, 3.23 Ha area (i.e., ~34.81%) will be developed under greenbelt & plantation in accordance with CPCB guidelines. It is proposed to plant about 2500 saplings per hectare considering the survival rate of >70%. The plantation is 2.6Ha. along the boundary (82.35 %) & Block plantation will be in 0.63 Ha. (19.5 %). The Plantation details are enclosed as **Annexure-4**.
9. That, the compliance to public hearing action plan has been prepared with a total 5-year budget of Rs. 10.24 crores which includes the various socio-economic activities (including infrastructure development/ renovation of schools) and contribution towards strengthening of the Govt. Road connecting plant to NH-709 with the amount of 3.14 crores. The company will contribute for road maintenance of amounting Rs. 2 Lakhs/Annum. Details attached to **Annexure-5**.
10. That, the Consent to establish will be obtained prior the start of construction and consent to operate and hazardous waste handling authorization prior start of operation of the industry from HSPCB.
11. The cost of the project is Rs.1059 crores which includes EMP cost of Rs. 55 crores & Socio-Economic development plan cost Rs. 10.24 crores. Copy of CA Certificate is enclosed as **Annexure-6.**
12. That, I hereby give undertaking that the data and information given above are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and

clearance given, if any to the Project will be revoked at our risk and cost.

Table 2 – EMP Detail

The budget proposed for the project is 1059 crores. The cost breaks up of Capital and Recurring expenditure is indicated in the below:

Sl. No.	Particulars	Estimated Cost (Rs. In Crore)	
		Capital	Recurring
1	Air pollution Control Measures	40.3	7.7
2	Water Pollution Control Measures	4.1	0.7
3	Occupational Health and Safety	2.9	1.2
4	Environmental Monitoring	5.5	2.2
5	Green Belt Development	2.2	0.7
	Total	**55.0**	**12.5**

3.11.3. Deliberations by the committee in previous meetings

N/A

3.11.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding land detail, Lease Deed, CLU, Water, ZLD, EMP, Raw Material, Power Assurance, Project Area, Greenbelt & Plantation, Public Hearing, CTE, Project Cost as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Ambuja Cement Limited as per MOU dated 14.08.2023 executed between M/s Adani Agri Logistics Panipat Limited (AALPL) and M/s Ambuja Cement Limited (ACL)

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.11.5. Recommendation of SEAC

Recommended

3.11.6. Details of Environment Conditions

3.11.6.1. Specific

Specific Conditions	
1.	**The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2.	The PP shall submit the approved Wildlife Conservation Plan before the commencement of the operation of the project.
3.	The PP shall take the approval for storage of diesel if above the threshold level from the Competent Authority.
4.	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration. The Treated effluent from STP shall be recycled /reused for Gardening etc.
5.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
6.	Separate wet and dry bins must be provided for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
7.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be ensured.
8.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
9.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of operation. All the construction shall be done in accordance with the local building byelaws.
10.	Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
12.	The project proponent shall comply with the provisions contained in Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
13.	The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the commencement of the project and also obtained the CTO from HSPCB after the approval from CGWA.
14.	The PP shall achieve Zero Liquid Discharge.

15.	The PP shall obtain permission from HWRA for any ground water extraction before start of operation.
16.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of RWH pits.
17.	The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
18.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
19.	As proposed, **3.23 Ha area (i.e.,~34.81%) will be developed under greenbelt & plantation in accordance with CPCB guidelines. The plantation will be 2.6 Ha. along the boundary & Block plantation will be in 0.63 Ha. (19.5%).**
20.	**02 Rain water harvesting pits** shall be provided for ground water recharging as per the CGWB norms.
21.	**The PP shall install solar power plant i.e. equivalent to 3% of total power demand of the project, outside the project site and within the state boundary.**
22.	The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
23.	**The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in).**
24.	**The PP shall get project electrification plan approved from the competent authority before operation of the project.**
25.	The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

3.11.6.2. Standard

3(b)	**Cement plants**
Statutory compliance	
1.	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.
2.	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
Air Quality Monitoring and Preservation	

1.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 04/06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous and their no's.)
2.	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
3.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
4.	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
5.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
6.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
7.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
8.	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
9.	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
10.	The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
11.	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
12.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
13.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
14.	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
15.	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.

16.	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
17.	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
18.	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm3 and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
19.	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.
Air Quality Monitoring and Preservation in case of Integrated Cement Plants	
1.	Provide Low NOx burners as primary measures and SCR /NSCR technologies as secondary measure to control NOx emissions.
2.	The emission norms applicable for the cement plant shall be adhered to.
3.	Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.
4.	DeSOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm3 by using best available technology.
5.	Petcoke dosing shall be controlled automatically to control SO2 emission from chimney within the prescribed limits.
6.	PP shall identify the Source of fluoride emissions and action plan to mitigate the same shall be implemented.
7.	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
Water Quality Monitoring and Preservation	
1.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2.	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
3.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
4.	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
5.	Tyre washing facilities shall be provided at the entrance of the plant gates.
6.	Water meters shall be provided at the inlet to all unit processes in the steel plants.
7.	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

8.	The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.
9.	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.
10.	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.
Noise Monitoring and Prevention	
1.	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
2.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
Energy Conservation Measures	
1.	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.
2.	Restrict Gas flaring to < 1%.
3.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
4.	Provide LED lights in their offices and residential areas.
Energy Conservation Measures in case of Integrated Cement Plants	
1.	The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.
2.	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
3.	Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.
4.	Waste heat recovery system shall be provided for kiln and cooler.
Waste Management	
1.	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.
2.	Kitchen waste shall be composted or converted to biogas for further use.
3.	Used refractories shall be recycled as far as possible.
4.	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.

5.	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/. All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
6.	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
7.	Solid waste utilization: a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.
Green Belt	
1.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.
2.	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.
3.	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
Public Hearing and Human Health Issues	
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.
3.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
4.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
5.	All the commitments made towards socio-econmic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC. PP shall adopt nearby villages and prepare and implement a robust plan to develop them into model villages in next 10 years.
Environment Management	
1.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.

2.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4.	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.
Miscellaneous	
1.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
2.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
5.	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
6.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
7.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
8.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
9.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10.	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
11.	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as

	committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
13.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

3.12. Agenda Item No 12:

3.12.1. Details of the proposal

Environment Clearance for Setting Up Mix Land Use colony (30% Residential & 70 % Commercial) over an are a measuring 4.5625 acres under TOD policy License no. 128 of 2024 dated 24.10.2024 in the revenue estate of Vill age Faridabad, Sector-20, Faridabad, Haryana. by **EMARALD LANDPLANER LLP** located at **FARIDABAD,H ARYANA**

Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/515317/2024	SEAC/HR/2024/278	20/12/2024	Building / Construction (8(a))

3.12.2. Project Salient Features

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/515317/2024 dated 20.12.2024 for obtaining under **Environment Clearance** Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 501291 dated 18.12.2024.

The case was taken up in 308th meeting held on 27.12.2024. The PP and consultant appeared before the committee and presented their case. The committee discussed the case and raised following observations:

1. The PP shall submit complete Background/Introduction note of the project.
2. The PP shall submit detail of all assurances and NOCs.
3. The PP shall submit the status of Building Plan.
4. The PP shall mention area of Green and Block Plantation separately with percentage.
5. The PP shall submit Structural Stability Certificate.
6. The PP shall submit revised green plan with indicating/marking of green/block green and dimensions/distance of plants.

7. The PP shall submit detail of Additional Land for green with ownership proof.
8. The PP shall submit atleast 02 or 03 OWCs shall installed for disposal of organic waste.
9. The PP shall submit detail of ZLD
10. The PP shall submit SoP for Mechanised Parking with plans.
11. The PP shall increase Solar Power as proposed at the project site.
12. The PP shall submit detail of existing plants on the project site and process for removing or retaining those.
13. The PP shall submit affidavit about litigation, distance WLS/NBS, HT Line, Revenue Rasta, construction status.

Table 1 – Basic Detail

Name of the project: : Environment Clearance for Setting Up Mix Land Use colony (30% Residential & 70 % Commercial) over an area measuring 4.5625 acres under TOD policy License no. 128 of 2024 date d 24.10.2024 in the revenue estate of Village Faridabad, Sector-20, Faridabad, Haryana By M/S Emrald Landplanner LLP.		
Sr. No.	**Particulars**	**Total Area (in M^2)**
	Online Project Proposal Number	**SIA/HR/INFRA2/515317/2024**
	Latitude	28°25'15.13"N
	Longitude	77° 18'32.26"E
	Total Plot Area (m^2)	18463.78
	Net Plot Area (m^2)	16706.80
	Proposed Ground Coverage (m^2)	7638.81
	Proposed FAR (m^2)	59441.62
	Non-FAR Area (m^2)	46006.52
	Total Built Up area (m^2)	105448.14
	Total Green Area with Percentage (m^2)	2862.16 (15.5 % of plot Area)
	Rain Water Harvesting Pits (No.)	5
	STP Capacity (KLD)	300
	Total Parking (ECS)	963
	Organic Waste Converter (kg/day)	850 (1x400 kg/day + 1x450 kg/day)
	Maximum Height of the Building (m)	151.7
	Power Requirement (KW)	4792.96
	Power Backup (KVA)	6550
	Total Water Requirement (KLD)	497

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The PP also submitted reply of observation raised in the 308th Meeting of SEAC, Haryana held on 27.12.2024 vide letter

	Fresh Water Requirement (KLD)	142	
	Treated Water (KLD)	355	
	Waste Water Generated (KLD)	240	
	Solid Waste Generated (TPD)	1.72	
	Biodegradable Waste (TPD)	0.81	
	Maximum Number of Floors	3B+G+38	
	No. of DU's	80	
	EWS	14	
	Total Cost of the project (Cr.):	280	
	Incremental Load in respect of: PM 2.5 (µg/m^3)	0.04197 µg/m^3	
	PM 10 (µg/m^3)	0.069 µg/m^3	
	SO_2 (µg/m^3)	0.00261 µg/m^3	
	NO_2 (µg/m^3)	1.07 µg/m^3	
	Construction Phase:	250 KVA	
	Water Requirement & Source	12.48 KLD Tanker supply	
	Anti-Smog Gun	4 nos.	

dated 22.01.2025. During this meeting, the committee discussed the reply submitted by PP and further raised some clarifications to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, Emrald Landplanner LLP proposes Mix Land Use colony (30% Residential & 70 % Commercial) over an area measuring 4.5625 acres under TOD policy license no 128 of 2024 dated 24.10.2024 in the revenue estate of village Faridabad, Sector-20, Faridabad, Haryana. Total plot area of the project is 18463.78 m2, net plot area is 16706.80 m2 and the built-up area will be 105448.14 m2.
- That, Water assurance has been obtained from HSVP vide Memo No. 71 dated 20.01.2025. Copy of the same is attached as **Annexure 1.**
- Sewer assurance has been obtained from HSVP vide Memo. No. 70 dated 20.01.2025. Copy of the same is attached as **Annexure 2.**
- STP treated water assurance has been obtained from HSVP vide Memo. No. 69 dated 20.01.2025. Copy of the same is attached as **Annexure 3.**
- Forest NOC has been obtained vide Letter no. 1393 dated 12.08.2024. Copy of the same is attached as **Annexure 4.**

- That, power assurance has been obtained**.** Copy of the same is attached as **Annexure 5.**
- That, the project is on Concept basis.
- That, we have proposed 2862.16 sqm green area within the project site. In addition to that we have proposed 1 acre land for development of block plantation in the revenue estate of village khandsa, tehsil kadipur & district Gurugram, Haryana. The land documents will be submitted within one months to your good office. Revised landscape plan is attached as **Annexure 6.**
- That, the proposed project will be ZLD.
- That, 850 kg/day (1x 450 kg/day + 1 x 400 kg/day) OWC will be installed for treatment of biodegradable wastes.
- That, We will enhance the Solar from 90 kwp to 105 kWP.
- That, the project site has 30 number of trees which will be cut/transplanted with prior permission of the forest department.
- That, Soil investigation report, Ground Water Quality has been carried out and submitted along with Complete report.
- That, AAI NOC is attached as **Annexure 7.**
- That, no litigation is pending against the project.
- That, No Revenue Rasta, HT Line passes through the project.

Table 2 – EMP Detail

Environment Budget (Construction Phase)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
BARRICADING OF CONSTRUCTION SITE	48	3.05
ANTI - SMOG GUN WITH COMPLETE ASSEMBLY	20	2
DUST MITIGATION MEASURES	1.5	0.25
ENVIRONMENT MONITORING & 6 MONTHLY COMPLIANCE REPORT OF EC CONDITIONS		2
TOTAL	**69.5**	**7.3**
BUDGET OUTSIDE THE PROJECT SITE CER		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	
Adoption of School in nearby Village	35	
wildlife conservation plan	10	
Total	**45**	
ENVIRONMENT BUDGET (Operation Stage)		

COMPONENT	CAPITAL COST (Rs in Lacs)	RECURRING COST (Rs in Lacs)/ Annum
Sewage Treatment Plant and Effluent Treatment Plant	90	22
Rain Water Harvesting Pits	18	2.5
Solid Waste Storage Bins & Composter	14	2.4
Horticulture Development (Tree Plantation & Landscaping Excluding Lawn Area Development)	5	1.5
Environment Monitoring & 6 Monthly Compliances of Environment Clearance Conditions		2.00
TOTAL	**127**	**30.4**

3.12.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :27/12/2024

Deliberations of SEAC 1 :

The case was taken up in 308th meeting held on 27.12.2024. The PP and consultant appeared before the committee and presented their case. The committee discussed the case and raised following observations:

1. The PP shall submit complete Background/Introduction note of the project.
2. The PP shall submit detail of all assurances and NOCs.
3. The PP shall submit the status of Building Plan.
4. The PP shall mention area of Green and Block Plantation separately with percentage.
5. The PP shall submit Structural Stability Certificate.
6. The PP shall submit revised green plan with indicating/marking of green/block green and dimensions/distance of plants.
7. The PP shall submit detail of Additional Land for green with ownership proof.
8. The PP shall submit atleast 02 or 03 OWCs shall installed for disposal of organic waste.
9. The PP shall submit detail of ZLD
10. The PP shall submit SoP for Mechanised Parking with plans.
11. The PP shall increase Solar Power as proposed at the project site.
12. The PP shall submit detail of existing plants on the project site and process for removing or retaining those.
13. The PP shall submit affidavit about litigation, distance WLS/NBS, HT Line, Revenue Rasta, construction status.

The PP shall submit the reply of the above mentioned observations within 15 days. The case shall be taken up as and when the reply is received.

3.12.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding litigation, HT line, Revenue Rasta, Wildlife Sanctuary, Previous EC, Built Up Area, Construction Status, License, Collaboration Agreement,

FAR, Project Cost, Forest NOC, Water Assurance, CTE, Structural Stability Certificate, Power Assurance, Fire NOC, OC, CTO, Zoning Plan, Sewer as well as the submissions made by the PP.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Emarald Landplaner LLP as per License No.128 of 2024 dated 24.10.2024 issued by Department of Town & Country Planning vide Endst No.LC-5303/JE(MK)/2024/32617 dated 24.10.2024 valid upto 23.10.2029

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.12.5. Recommendation of SEAC

Recommended

3.12.6. Details of Environment Conditions

3.12.6.1. Specific

N/A

3.12.6.2. Standard

8(a)	**Building / Construction**
Statutory compliance	
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load

	allowed for the project should be obtained.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
Air quality monitoring and preservation	
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7.	Wet jet shall be provided for grinding and stone cutting.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.

Water quality monitoring and preservation	
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
8.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
10.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13.	All recharge should be limited to shallow aquifer.
14.	No ground water shall be used during construction phase of the project.
15.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.

16.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
18.	No sewage or untreated effluent water would be discharged through storm water drains.
19.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
21.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
Noise monitoring and prevention	
1.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
Energy Conservation measures	
1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2.	Outdoor and common area lighting shall be LED.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.

6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
Waste Management	
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
10.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
Green Cover	
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.

4.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
Transport	
1.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
Human health issues	
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5.	Occupational health surveillance of the workers shall be done on a regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.
7.	The project proponent shall comply with the provisions of CER, as applicable.
8.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or share holders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
9.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

10.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
Miscellaneous	
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2.	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
8.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP reportand also that during their presentation to the Expert Appraisal Committee.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
1	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental

3.	clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
18.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
Specific Conditions	
1.	**The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2.	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled/reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
3.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
4.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
5.	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
6.	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
7.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed

	traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time.
8.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
9.	The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon foot print. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used.
10.	The PP shall install electric charging points for charging of electric vehicles.
11.	Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
12.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
13.	That Project Proponent shall ensure that Revenue Rasta shall not be obstructed or transgressed to hamper the public movement in any way. Meaning thereby, Revenue Rasta shall remain open & accessible to public as existed earlier. Any attempt to obstruct/divert the Revenue Rasta, shall invite stern action as deemed appropriate from the Competent Authority.
14.	The PP shall not carry any construction below the HT Line passing through the project, if any.
15.	The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
16.	The PP shall not give occupation or possession before the water supply, sewage connection and electricity connection permitted by the competent authority.
17.	The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
18.	The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH Pits.**
20.	The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
21.	The PP may provide electric charging stations to facilitate electric vehicle commuters.

22.	The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
23.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
24.	The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
25.	The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
26.	In the proposed landscape plan, native species shall be included as per the list of concerned DFO.
27.	The minimum growth of trees should be 03 meters with sufficient canopy.
28.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
29.	Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
30.	A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained and the existing trees will be counted for this purpose.
31.	The species with heavy foliage, broad leaves and wide canopy cover are desirable.
32.	Water intensive and/or invasive species should not be used for landscaping.
33.	**The PP shall get project electrification plan approved from the competent authority before operation of the project.** 2862.16 (15.5 % of plot Area).
34.	As proposed, **2862.16 (15.5 % of plot Area)** shall be provided for **green area development.** In addition to this**,** as proposed **block plantation** shall be done on 1 acre land in the revenue estate of Village Khandsa, Tehsil Kadipur & District Gurugram, Haryana.
35.	**05 Rain Water Harvesting Pits** shall be provided for reutilization of ground water.
36.	The PP shall install required number of Anti Smog Guns at the project site as per the requirement of HSPCB.
37.	**The PP shall enhance Solar Power from 90 KW to 105 KW at the project site.**
38.	The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

3.13. Agenda Item No 13:

3.13.1. Details of the proposal

Amendment in Environment Clearance for "proposed Expansion of Godowns/ Warehouse for other than Agriculture Produce Ware House located at Village Pathredi & Bhudka, Tehsil Manesar, Distt. Gurugram M/s Embassy Industrial Parks Pvt. Ltd." by **EMBASSY INDUSTRIAL PARKS PRIVATE LIMITED** located at **GURUGRAM,HARYANA**			
Proposal For		Amendment in EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/519651/2025	SEAC/HR/2024/313	21/01/2025	Building / Construction (8(a))

3.13.2. Project Salient Features

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/519651/2025 dated 21.01.2025 for obtaining **Amendment in Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 892634 dated 16.01.2025.

3.13.3. Deliberations by the committee in previous meetings

N/A

3.13.4. Deliberations by the SEAC in current meetings

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, Earlier Environment Clearance was obtained vide EC Identification No.- EC23B000HR169580 dated 27/04/2023 for plot area 328452.69 m^2 and built-up area 244892.35 m^2.
- That, now land use of 231328.94 sqm out of 328452.69 sqm has been changed from ware house to Industrial. So now, the plot area of the project is changed from 328452.69 to 97123.75 sqm and total built-up area will be changed from 244892.35 sqm to 57265.1 m2. Copy of the same is attached as **Annexure 1.**
- That, Occupation certificate has been granted to the project dated 5 Feb 2019 for plot area 97123.75 sqm and built-up area 57265.1 sqm. Copy of the same is attached as **Annexure 2.**
- That, Comparative statement of the project is as below:

S. No.	Particulars	Details as per Previous EC	Changes	Total	Unit
1.	Plot Area	328452.69	-231328.94	97123.75	Sqm

2.	Proposed Ground Coverage	191569.26	-136945.13	54624.1	Sqm
3.	Proposed FAR	242892.35	-187960.79	54931.56	Sqm
4.	Total Built Up area	244892.35	-187627.26	57265.1	Sqm
5.	Total Green Area	60765.5	-43855.37	16910.1	Sqm
6.	Rain Water Harvesting Pits	74	-50.00	17 + RWH tank and Pond	Nos.
7.	STP Capacity	1190	-890	300	KLD
8.	Maximum Height of the Building Up to Terrace level (m)	14.9	No Change	14.9	m
9.	Power Requirement	17150	-9900.00	7250.0	KVA
10.	Power Backup	15525	-10525	5000	KVA
11.	Total Water Requirement	1310	-961.77	348.2	KLD
12.	Fresh Water Requirement	499	-413.86	85.1	KLD
13.	Waste Water Generated	941	-702.60	238.4	KLD
14.	Solid Waste Generated	6.97	-5.26	1.7	TPD
15.	Biodegradable Waste	4.19	-3.50	0.7	TPD
16.	Total Cost of the project	431.5	-310.4	121.10	Cr.
17.	Parking area provided	-	-	14944	Sqm

- That, Status of existing environment feature and completion schedule is as below:

S. NO.	PARTICULARS	STATUS	Schedule of completion
1	STP	155 KLD (90 KLD+65 KLD) of STP is installed at site.	Remaining 145 KLD will be installed by Dec 2025.
2	RWH Pits	17 Rain water harvesting pit and 1 Rain water collection tank is available at site.	
3	Green Area	16910.1 sqm green area will be developed at present approx. 290 nos. of trees already planted	Remaining trees will be planted in next monsoon and will be developed by Dec 2025.
4	OWC	1 Nos of OWC installed.	Will be installed by Dec 2025.
5	Solar	1550 kWP (1250 kWP (Myntra-AB Block), 300 kWP-HIP (Block D)	

- That, 800 KG/Day (2x300 kg/day + 1x200 kg/day) OWC will be installed.
- That, Developed green area with details of planted species is attached as **Annexure 3.**
- That, No Revenue Rasta, HT Line passes through the project.
- That, no litigation is pending against the project.

3.13.5. Recommendation of SEAC

Recommended

3.13.6. Details of Environment Conditions

3.13.6.1. Specific

Recommendation	
1.	The reply and submissions made by the PP/consultant were discussed by the committee and considered. After deliberations, the committee was of the unanimous view to recommend the case to SEIAA for **Amendment in earlier Environment Clearance (**EC Identification No.EC23B000HR169580 dated 27.04.2023**) issued to M/s Embassy Industrial Parks Private Limited (M/s Horizon Industrial Parks Private Limited)** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India. The conditions of the EC shall remain same as granted in earlier EC.

3.14. Agenda Item No 14:

3.14.1. Details of the proposal

Group Housing Project by **MG HOUSING Private Limited** located at **FARIDABAD,HARYANA**			
Proposal For		Application for Validity Extension of EC- Form-6	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/483683/2024	SEAC/HR/2024/147	25/06/2024	Building / Construction (8(a))

3.14.2. Project Salient Features

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/483683/2024 dated 25.06.2024 for obtaining **Extension of Validity of Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 504167 dated 20.06.2024.

The case was taken up in 296th meeting held on 12.07.2024 but was deferred on request of PP.

3.14.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :12/07/2024
Deliberations of SEAC 1 :
The case was taken up in 296th meeting held on 12.07.2024. However PP requested vide letter in email dated 10.07.2024 to defer their case as they could not attend the meeting due to some unavoidable circumstances. The committee acceded with the request of PP and deferred their case.

3.14.4. Deliberations by the SEAC in current meetings

The case was taken up in 311th meeting held on 29.01.2025. However, neither PP nor consultant appeared before the committee. Therefore committee deferred the case.

3.14.5. Recommendation of SEAC

Deferred for PP not attending the meeting

3.15. Agenda Item No 15:

3.15.1. Details of the proposal

Extension in Validity of Environmental Clearance (EC) for setting-up of Commercial Complex Project (3.937 Acres) at Sector-59, Village-Ullawas & Behrampur, District-Gurugram, Haryana- M/s Ireo Pvt. Ltd. (Formerly known as M/s SU Estates Pvt. Ltd.) by **IREO PRIVATE LIMITED** located at **GURUGRAM,HARYANA**

Proposal For		Application for Validity Extension of EC- Form-6	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/492995/2024	SEAC/HR/2024/247	25/11/2024	Building / Construction (8(a))

3.15.2. Project Salient Features

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/492995/2024 dated 25.11.2024 for obtaining **Extension in Validity of Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 528403 dated 05.08.2024.
The case was taken up in 306th meeting held on 07.12.2024. However the case was deferred on request of PP.

3.15.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :07/12/2024
Deliberations of SEAC 1 :
The case was taken up in 306th meeting held on 07.12.2024. However, PP requested vide letter dated 05.12.2024 to defer their case as they could not attend the meeting due to unavoidable circumstances. The committee acceded with the request of PP and deferred their case.

3.15.4. Deliberations by the SEAC in current meetings

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 31.01.2025 mentioning therein as under:

- That, Hon'ble State Environment Impact Assessment Authority (SEIAA) Haryana granted EC vide letter no. SEIAA/HR/2013/1387, dated 12.12.2013 and subsequent extension of EC vide letter no. SEIAA/HR/2020/606, dated 01.12.2020 respectively, as per the EIA notification 2006 and subsequent amendment.
- That, the proposed project having apartment/ Hotel tower, Retail block including Basements is being built over site admeasuring approx. 3.937 acres falling under the License No.56 of 2010 dated 31.07.2010 sanctioned from DTCP, Haryana.
- That, after obtaining EC & CTE as stated above, the PP had initiated the construction/ development work at project site, with due intimation to the concerned Authority through documents submission Further, PP would like to inform to your good office that, majority of work comprising of apartment/ Hotel towers & retails blocks, basements and infrastructure work have been completed at project site and PP would like to reiterate that considering the above facts & due to the lockdown imposed as per the directives issued by the Government of India because of unprecedented worldwide pandemic (COVID 19), multiple bans on construction from EPCA/ Authority over the several years besides the severe slowdown prevailing· in the real estate industry requested Hon'ble SEIAA to extend the validity of the Environment Clearance granted as per the EIA Notification 2006 & subsequent amendment thereon for completion of balance development/construction works at the project site.
- That, PP humbly submits that it has strictly followed guidelines/direction issued from time to time by Hon'ble Supreme Court/ EPCA/ HSPCB/ Local Authority regarding implementation of the Graded Response Action Plan (GRAP) as applicable to the above said Project.
- Further, PP wishes to inform you that the said project is registered under GRIHA rating system for green building certification. Also the project has been Pre-certified with "5 STAR" rating by GRIHA Council, which clearly proves our commitment towards highest sustainable environment performance.
- As per the EIA notification S.O. 1533 dated 14.09.2006 and subsequent amendment in notification vide S.O. 1141(E) dated 29.04.2015 the validity of Environment Clearance (EC) was seven years. Further, in view of the outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, MoEF&CC vide notification S.O.221 (E.) dated 18.01.2021, has mandated that the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity Environmental Clearance granted under the provisions of this notification in view of outbreak of Corona Virus and subsequent lockdown (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid. The direction is as under:
- "…….9A. *Notwithstanding anything contained in this notification, the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearance granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities*

undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid." Accordingly, the validity of Environment clearance accorded by Hon'ble SEIAA is valid till 11.12.2024.

- Subsequently as per amendment in notification S.O. 1807(E) dated 12.04.2022, validity of EC is extended till 10 years, which is further extendable by one year.
- Therefore, the EC granted to PP can be extended upto 11.12.2025 i.e. existing validity upto 23.12.2024 including 12 month extension period with reference to MoEF&CC notification S.0.221 (E.) dated 18.01.2021, plus 1 year period as per amendment in notification S.O. 1807(E) dated 12.04.2022. In view of the above points, we hereby request you to extend the validity of EC till 11.12.2025.
- Therefore, considering the above facts & also present market scenario in the hospitality/ real estate industry, we humbly request your good office to kindly revised/ extend the validity of Environment Clearance letter granted up to 11.12.2025 to carry out the balance/ remaining work as per the EIA notification 2006 & subsequent amendment thereon.
- That we will complete the remaining construction work within the one year after grant of extension of EC.
- That, Occupation Certificate has been sanctioned by DTCP Haryana for Retail blocks including Basements vide letter no. ZP-648/SD(BS)/ 2018/ 31888 dated 20.11.2018 and ZP-648/SD(DK)/ 2019/ 20633 dated 28.08.2019.
- That, CTO (Part) for Retail block is obtained for the proposed project from HSPCB though consent No. HSPCB/Consent/:329962319GUNOCTO412623 dated 15.05.2019 and subsequent renewal consent No. HSPCB/Consent/:329962324GUNOCTO8006876 dated 12/01.2024.

A detailed discussion was held on the documents submitted regarding previous EC and Extension Validity of EC, notification of COVID-19, License, Solar Power, OC, Status of Construction as well as the submissions made by the PP and the documents submitted. The earlier EC granted to the project was valid upto 11.12.2024 and PP has further sought extension of period of EC on the ground that construction could not be completed.

3.15.5. Recommendation of SEAC

Recommended

3.15.6. Details of Environment Conditions

3.15.6.1. Specific

Recommendation	
1.	After detailed discussion, the committee decided to recommend the case to SEIAA for the Extension of Validity of EC from the date of expiry of EC for two years (as per MOoEF&CC notification dated 12th April, 2022 plus 1 year as per MoEF&CC notification dated 18.01.2021 i.e. upto 11.12.2025).

3.16. Agenda Item No 16:

3.16.1. Details of the proposal

Common Effluent Treatment Plant, Kutana Having Capacity 03 Mld Located In Village Kutana, Tehsil & Distri ct Rohtak Haryana By HSIIDC by **HSIIDC CETP KUTANA** located at **ROHTAK,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/458669/2024	SEAC/HR/2024/065	05/03/2024	Common Effluent Treatment Plants (CETPs) (7(h))

3.16.2. Project Salient Features

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/458669/2024 dated 02.02.2024 for obtaining **Environment Clearance (under violation)** under Category 7(h) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,00,000/- vide DD No.554248 dated 19.12.2023.

The case was taken up in 288th meeting held on 13.03.2024. The PP alongwith consultant appeared before the committee and submitted an affidavit dated 13.03.2024 stating therein as under:

1. That M/s HSIIDC has been awarded the work of planning, designing, engineering, procurement, construction, installation, testing, commissioning and thereafter operation & maintenance of CETP at Village Kutana, Rohtak Haryana over an area of 22258.50 sq.m., adjacent to Industrial Estate Kutana, Rohtak, Haryana vide dated 15.12.2012.
2. That, a case was filed by Mr.Surender Singh, Village Kutana against M/s HSIIDC for discharging the effluent and wastewater into Drain No. 8 by the industrial unit in the HSIIDC I.E., and old IDC (Industrial Development Colony) in village Kutana, District Rohtak.
3. That the Hon'ble NGT passed an order on 05.12.2016 directing the respondent no 1 (i.e. HSIIDC) to construct and start operations of a CETP of adequate capacity in a time bound manner in response to the application OA No 611, 2016.
4. That in view of the NGT order, the construction of the CETP was started on dated 27.01.2017 to prevent the pollution from industries located in industrial estate Kutana but before the grant of Environment Clearance which is in violation of EIA Notification dated 14.09.2006.
5. That it was directed by Chief Secretary, Govt. Of Haryana that "HSIIDC will ensure timely completion of the under construction CETP at its Industrial Estate, Kutana, (Rohtak)"
6. That the project was submitted to State Level Environment Impact Assessment Authority (SEIAA), Haryana vide Proposal No.SIA/HR/MIS/19800/2017 on 11.07.2017 for approval of TOR.
7. That the project was appraised in 157th State Expert Appraisal Committee (SEAC), Meeting held on 30.08.2017 and 107th meeting of SEIAA held on 25th October' 2017 for issue of TOR for EIA study.
8. That the ToR letter was issued vide letter no.SEIAA/HR/2017/735 dated 8.11.2017 through offline mode.
9. That, the EIA study was conducted, and draft EIA report was submitted for public hearing to HSPCB, and Public Hearing was conducted on 21.06.2018. The Final EIA Report was submitted vide Proposal No.SIA/HR/MIS/57776/2017 on 26.10.2020.
10. That the case was appraised in 209th Meeting of SEAC, Haryana, but as the construction of CETP was completed, the case was recommended to SEIAA, Haryana for taking action under Section 15 of EP, Act, 1986. The project was considered by SEIAA in its 127th meeting held on 17.03.2021, 128th meeting of SEIAA held on

26.05.2021, 130th Meeting of SEIAA, Haryana held on 16.11.2021 and thereafter in 137th meeting of SEIAA held on 25.03.2022.

11. That the project was rejected by SEIAA, Haryana in its 137th meeting held on 25.03.2022 and Rejection letter was generated vide Letter No. SEIAA (137)/HR/2022/694 dated 07.04.2022 and advised to re-submit the proposal as per the guideline issued vide letter F. No 22-37/2018.IA.III dated 19.04.2021 by MOEF&CC under violation category as per SOP vide F.No.22-21/2020-IA.III dated 07.07.2021 issued by MoEFCC, GoI being a case of violation.
12. That the proposal was again submitted for TOR under violation category vide Proposal No. SIA/HR/INFRA2/410597/2022 on 20.12.2022.
13. That the project was considered by the SEAC, Haryana in its 259th meeting held on 20.01.2023 and SEIAA, Haryana in its 153rd meeting held on 15.02.2023 for approval of Terms of Reference (ToR) under violation category. Accordingly, TOR letter was issued vide Memo No. SEIAA (153)/HR/2023/161 dated 31.03.2023.
14. That the revised baseline Monitoring was done for the period from 15th December 2022 to 15th March 2023.
15. That the project was submitted for EC vide Proposal No. SIA/HR/INFRA2/458669/2024 on 05.03.2024.
16. That the construction of the project was completed on 31.10.2018, and the project is in operational phase since 01.02.2019 running with capacity of 3 MLD.

During the meeting, an order dated 02.01.2024 passed in CWP No.1394 of 2023 titled Vanshakti Vs. Union of India by Hon'ble Supreme Court was placed before the committee. It has been further apprised to the Committee that vide said order, the Hon'ble Supreme Court has put a stay in operation of the office Memoranda dated 07.07.2021 (**an SoP to be adopted in cases submitted under violation category**) and 28.01.2022 issued by the Ministry of Environment, Forest & Climate Change, GoI, till further order. The present case is submitted for granting Terms of Reference falling in violation category and vide above mentioned order, a stay has been put on the operation of Memorandum dated 07.07.2021 and 28.01.2022.

Further, an OM dated 08.01.2024 also circulated through Ministry of Environment, Forests & Climate Change, GoI reiterating the above mentioned order.

A discussion was held in the meeting and after due deliberation, the committee has decided to defer the case till further order of Hon'ble Supreme Court of India/MoEF&CC on the subject matter.

3.16.3. Deliberations by the committee in previous meetings

Date of SEAC 1 :13/03/2024

Deliberations of SEAC 1 :

A discussion was held in the meeting and after due deliberation, the committee has decided to defer the case till further order of Hon'ble Supreme Court of India/MoEF&CC on the subject matter.

3.16.4. Deliberations by the SEAC in current meetings

3.16.5. Recommendation of SEAC

Deferred for ADS

3.17. Agenda Item No 17:

3.17.1. Details of the proposal

Environmental Clearance (Expansion) for Proposed Stone (Quartzite) Mining with capacity 52,00,000 MTPA (Minor Minerals) from Narnaul Stone Mine, Covering an Area of 19.89 Ha, Located at Village Raghunathpura, Tehsil Narnaul, District Mahendragarh, Haryana. by **A N E Industries Private Limited** located at **MAHENDRAGARH,HARYANA**			
Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/MIN/519787/2025	SEAC/HR/2024/304	22/01/2025	Mining of minerals (1(a))

3.17.2. Project Salient Features

The Project Proponent submitted online Proposal No.SIA/HR/MIN/519787/2025 dated 22.01.2025 for obtaining **Environment Clearance for Expansion** under Category 1(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,50,000/- vide DD No.040103 dated 06.01.2025.

Table 1 – Basic Detail

S. No.	Parameters	Description
	Name of the project	Environmental Clearance (Expansion) of Mining of Stone (Minor Mineral) from Narnaul **Stone Mine** by M/s ANE industries Pvt. Ltd.
	Nature & category of Mine	Non-Coal Mining Category ‘B’ of Activity 1(a)
	Project Proponent	M/s ANE industries Pvt. Ltd.
	Khasra No.	387
	Total Lease area	19.89 Ha (Govt. Waste Land)
	Location of the project	Village Raghunathpura, Tehsil Narnaul, District Mahendragarh, Haryana
	Toposheet No.	H43W4 – Project Site G43E1, G43D13, H43W4 & H43V16- Study Area.
	Maximum Production Capacity	**52,00,000 TPA** *(Increase from 40,00,000 TPA to 52,00,000 TPA)*
	Geological Mineral Reserve	7,12,73,138 MT
	Reserves Blocked under Safety Zone (7.5 m)	53,71,000 MT
	Total Blocked Reserve	1,58,21,000 MT

<table>
<tr><th>S. No.</th><th>Parameters</th><th colspan="3">Description</th></tr>
<tr><td></td><td>Mineable Reserve</td><td colspan="3">5,54,52,138 MT</td></tr>
<tr><td></td><td>Life of Mine</td><td colspan="3">10.66 or say 11 years</td></tr>
<tr><td rowspan="5"></td><td rowspan="5">Geographical co-ordinates</td><td>Point</td><td>Longitude</td><td>Latitude</td></tr>
<tr><td>1</td><td>28°03'27"N</td><td>76°04'37"E</td></tr>
<tr><td>2</td><td>28°03'30"N</td><td>76°04'27"E</td></tr>
<tr><td>3</td><td>28°03'49"N</td><td>76°04'23"E</td></tr>
<tr><td>4</td><td>28°03'45"N</td><td>76°04'40"E</td></tr>
<tr><td></td><td>Topography of ML area</td><td colspan="3">The lease area is part of an isolated mound trending roughly north-northeast to south southwest. Entire lease area consists of building s tone/stone deposit. The highest surface level recorded is 379mRL, l owest surface level is 315mRL. Lowest level in the pit bottom is re corded 281.21mRL. The lease area does not have any water body.</td></tr>
<tr><td></td><td>Mining Method & Technology</td><td colspan="3">The present mining operations are designed to be carried out mechan ized using the open-cast mining method. The entire operation, includi ng loading and transportation, shall be done mechanically. It is propo sed to load the mineral directly into the trucks/dumpers supplied by t he crusher owners/users to the end user. In the present operation, the bench height shall be 10 meters. Each bench will advance one by on e. While carrying out the mining operations in accordance with the a bove provisions, the overall pit slope shall be maintained at 49 degre es. The mineral-bearing rocks are hard and compact, so the overall pi t slope shall be maintained.</td></tr>
<tr><td></td><td>Ultimate Depth of Mining</td><td colspan="3">80m (240mRL - Proposed Plan Period)
175mRL (Conceptual Period)</td></tr>
<tr><td></td><td>Ground water level</td><td colspan="3">The ultimate depth of the mining will be 80m for proposed period. The general water table of the lease area is at 229m Below Ground Surface Level. There will be no intersection of water table.</td></tr>
<tr><td></td><td>Drainage pattern/ water courses</td><td colspan="3">The topography of the mining lease area is characterised by hills pr edominantly sloping towards both the east and west. The initial min ing operations have been largely conducted above the general grou nd level. In this phase, the mining pit is designed with one side slop ing along the face of the hill, while the opposite side remains open. This design allows for natural drainage, preventing water accumula tion as excess water can easily drain from the open side.
However, as mining operations progress into the lower strata benea th the general ground level, especially in the latter stages of the leas e period, the mining area is expected to form a depression. This cha nge in topography could potentially lead to water accumulation, par ticularly during the rainy season, posing operational and safety chal lenges.
To mitigate these risks, a comprehensive drainage scheme has been proposed. This scheme is designed to efficiently manage and preve nt water accumulation, ensuring that mining operations can continu e safely and without disruption. The implementation of such a drain</td></tr>
</table>

S. No.	Parameters	Description
		age strategy is crucial for maintaining optimal working conditions a nd prolonging the operational life of the mine.
	Water requirement & source	The total water requirement is 33.5 KLD. Approximately 15.0 KL D of water will be utilized for dust suppression, 2.3 KLD for green belt development (fresh), 10 KLD for existing plantation, and 6.2 K LD for domestic purposes. The water source will be imited to existi ng facilities and private water tankers.
	Cost of project	The capital cost for the project will be Rs.12.50 Crores including pr oposed lease area and machinery.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 29.01.2025 mentioning therein as under:

1. The LOI was granted in the name of M/s. A.N.E Industries Pvt. Ltd. by the Department of Mines & Geology, Haryana vide Memo No. DMG/ HY/ ML/ Narnaul/ 2013/163, dated 03/01/2014 for the period of 12 years.
2. The cluster certificate was issued by Office of Mines & Geology Department, Narnaul vide Memo. No. 7445 dated 07.01.2025. It confirmed, there is no other operational mining lease within 500m radius from lease.
3. The Director General, Mines & Geology, Haryana, approved the Modified Mining Plan and Progressive Mine Closure Plan vide reference no. DMG/ HY/ MP/ MGH/5755 Panchkula Dated 31.12.2024, subject to compliance with statutory laws, including the Mines and Minerals (Development & Regulation) Act, 1957, the Forest Conservation Act, 1980, and the Environment Protection Act, 1986.
4. With reference MoEF&CC OM No. IA3-22/10/2022-IA.III [E 177258] dated 11.04.2022 Public hearing is exempted for the current project as this project has got the public hearing once done for the existing capacity and now the proposed expansion is <40%. Now we are proposing the increment of about 30% in production. Enclosed as Annex with Affidavit.
5. The NOC has been obtained from the Divisional Forest Officer, Mahendragarh vide reference no. 564 dated 22.05.2014. As per records available, land is not part of notified Reserved Forest, Protected Forest.
6. This is the existing mining lease, having the valid environment clearance issued by MoEF&CC vide reference no. J-11015/ 109/ 2014-IA.I (M) dated 17.04.2015.
7. The certified compliance report has been obtained vide reference no. HSPCB/MG/2024/877 dated 05.12.2024 from the Haryana State Pollution Control Board, Panchkula.
8. Consent of operate (CTO) was renewed vide reference no. HSPCB/ Consent/ 313100420MAHCTO7794676 dated 05.08.2020 for the period of 5 years (Valid up to 30.09.2025).
9. This is the existing mining operational lease. The conservation plan for the wildlife was prepared and approved by Forest Department, Government of Haryana O/o PCCF cum Chief Wildlife Warden, Haryana on 29.08.2018 vide letter no. 1869.
10. The earlier stone production details from May 2015 to December 2024 were certified by Office of Mines & Geology Department, Narnaul vide Memo. No. 7489 dated 08.01.2025.
11. The NOC from Raghunathpura Panchayat has been obtained vide dated 07.01.2025 for the mining operations.
12. District Survey Report (DSR) was approved by Office of Mines & Geology Department, Narnaul vide Memo. No. 7444 dated 07.01.2025.
13. Permission for Heavy Earth Moving Machinery in conjunction with a system of deep hole

drilling and blasting has been obtained from DGMS Ghaziabad vide reference no. 517517 |NZ| Ghaziabad Region| Perm| 2022| 250952 Ghaziabad Dated 27.10.2022.

14. The standard ToR was issued by State Level Environment Impact Assessment Authority, Haryana vide TOR identification No. TO25B0108HR5443584N dated 20.01.2025. Baseline studies have been done for one season (post-monsoon) i.e., from October to December 2024.
15. The project cost is 12.5 Crores as CA certificate have been enclosed. CA certificate for previous EMP & CSR also obtained and enclosed. Enclosed as Annexures with affidavit.
16. Mining will be done by in accordance of approved mining plan.
17. We hereby confirm that no complain or any litigation is pending against the proposed project.
18. The equipment details are enclosed as annexure with affidavit.
19. All the statutory requirements / approvals have been obtained.

Table 2 – EMP Detail

ENVIRONMENT MANAGEMENT BUDGET (2 YEARS – Plan Period)

The total EMP cost 28.4 lakh which is about 2% of total project cost (12.5 Cr).

S. No.	Particulars	Capital	Recurring	Total
1	Pollution monitoring (Air, Water, Noise)	₹ 0	₹ 1,00,000	₹ 2,00,000
2	Pollution Control – Water sprinkling	₹ 0	₹ 6,00,000	₹ 12,00,000
3	Wire fencing at plantation sites	₹ 0	₹ 50,000	₹ 1,00,000
4	Plantation including maintenance	₹ 1,50,000	₹ 75,000	₹ 3,00,000
5	Rainwater harvesting	₹ 2,00,000	₹ 20,000	₹ 2,40,000
6	Haul / Approach Road Maintenance	₹ 0	₹ 4,00,000	₹ 8,00,000
	Total	**₹ 3,50,000**	**₹ 12,45,000**	**₹ 28,40,000**

ANNUAL BUDGET FOR CER

S. No.	Description	Capital Budget	Recurring Budget
1	Adoption of Govt. school (Raghunathpura) for upgradation of facilities like scholarships, computer lab, solar lights, sets / benches & sanitation	20,00,000	₹ 5,00,000
2	Streetlights in Panchayat and roads		₹ 50,000
3	Assistance to self-help groups		₹ 50,000
	Total	**20,00,000**	**₹ 6,00,000**

ANNUAL BUDGET FOR OCCUPATIONAL HEALTH & SAFETY

S. No.	Description	Budget
1	Health check-up camps (Six Monthly)	₹ 1,00,000
2	Insurance cover of workers	₹ 2,50,000

3	Safety Kits (Gloves, Helmets & Others)	₹ 1,00,000
4	Safety Trainings (Six Monthly)	₹ 1,00,000
	Total	**₹ 5,50,000**

MACHINERY LIST

S. NO.	EQUIPMENT	SIZE	NO.
1	Hydraulic Excavator for Loading of mineral	2.2 cum	8
2	Rock breaker (Hydraulic Excavator) as substitute to secondary blasting	30T	3
3	Rear dumpers for transportation of mineral from mine to destination	40T	45
4	Drill Machine with compressor of 365 cfm capacity.	100 - 110mm	7
5	Track chain Dozer	350 HP	1
6	Pay loader (General Purpose, loading etc.)	145 HP	1
7	Water sprinkler	10 KL	2
8	Mobile Maintenance van		1
9	Tractor	50hp	1

EXCAVATOR DETAILS

S. NO.	EXCAVATOR CATEGORY	CAPACITY
A	Diesel Hydraulic Shovel	2.2 cum
B	Fill Factor	90%
C	Tonnage Factor	2.5
D	Availability of Excavator	80%
E	Utilization of Excavator	80%

DETAILS OF DRILLING MACHINERY

S. NO.	DRILLING PERFORMANCE	DETAILS
1	A machine can drill total of meters in a shift	80m
2	Total drill meters required per day	924 m
3	Total no of machines required per day	5.775
4	20% consideration for maintenance and spare capacity	1.15

S. NO.	DRILLING PERFORMANCE	DETAILS
5	Total no of machines required (6.93 say 7)	7

PROPOSED PLANTATION DETAILS

Year	Plantation Proposed	Survival 80%	Gap Plantation
I	1163	930	-
II	1163	930	466
Total	**2326**	**1860**	**466**

PLANTATION SCHEME

S. No.	Trees	Nos.	Plantation Area
1	Neem, Pipal, Mango, Ber, Guava, Jamun and other local fruit species	1,000	Barrier Zone
2		1,000	Panchayat & School Zone
3		326	Approach Road
	Total	**2,326**	**-**

3.17.3. Deliberations by the committee in previous meetings

N/A

3.17.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding LOI, Mining Plan, DSR, Water, Production Capacity, Lease Area, Plantation, EMP, CSR, SoP for Haul Road as well as the submissions made by the PP.

The Committee thoroughly discussed the contents of affidavit and documents submitted by the PP. The PP also raised amount earmarked for various activities under CSR, EMP and Occupational Health. The PP has proposed expansion in rate of production as **52,00,000 MTPA (Minor Mineral) from Narnaul Stone Mine, covering an area of 19.89 Ha located at Village Raghunathpura, Tehsil Narnaul, District Mahendergarh, Haryana.** The representative from the Mines & Geology Department, Haryana, Sh.Sanjay Simberwal, ME was also present in the meeting and authenticated the DSR, Mining Plan etc. approved/issued by the Mines & Geology Department, Haryana in this case.

After detailed deliberations, the Committee decided to recommend the case to SEIAA for granting of EC under Category B1, 1(a) of EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India **till the validity of Mining plan or Validity of Lease whichever is earlier** of mining of Stone of **52,00,000 MTPA (Minor Mineral)** under 1(a) Mining of Minerals of the EIA notification 2006, **from Narnaul Stone Mine, covering an area of 19.89 Ha located at Village Raghunathpura, Tehsil Narnaul, District Mahendergarh, Haryana** as per LOI and DSR/approved Mining Plan/ToR/EIA Report to:

M/s ANE Industries Private Limited as per the LoI issued by the Department of Mines & Geology, Haryana vide Memo No. DMG/ HY/ ML/ Narnaul/ 2013/163, dated 03/01/2014.

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.17.5. Recommendation of SEAC

Recommended

3.17.6. Details of Environment Conditions

3.17.6.1. Specific

Specific conditions	
1.	The Environmental Clearance is granted subject to the Final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of India and any other court of law, if any as applicable to this project.
2.	The PP shall construct the pucca link roads to the mining site before the start of mining.
3.	The PP shall prepare the Mine safety plan and get it approved from the competent authority before the start of mining.
4.	The Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers.
5.	Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The Project Proponent shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.
6.	Likewise, Alteration or re-routing of foot paths, pagdandies, cart roads, and village infrastructure public utilities or roads (for purposes of land acquisition for mining) shall be avoided to the extent possible and in case such acquisition is inevitable, alternative arrangements shall be made first and then only the area acquired. In these types of cases, inspection Reports by site visit by experts may be insisted upon which should be done through reputed institutes.
7.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
8.	The PP shall ensure that the amount as earmarked in EMP Budget for Development and Maintenance of Haulage Route as demanded by the locals during the Public Hearing be spent.
9.	The EMP cost on Socio Economic Activities shall be used at the project site and EMP recurring for

	the project shall be spent throughout the operation of the project
10.	Socio Economic Development of the neighbourhood Habitats could be planned and executed by the Project Proponent more systematically based on the 'Need based door to door survey' by established Social Institutes/Workers. The report shall be submitted to the SEIAA on six monthly bases.
11.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tank, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.
12.	Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented.
13.	An independent study be organized during peak activity, to understand how the actual compare with the carrying capacities and further decisions taken to maintain sustainability of this essential stone extraction and supply activity. Project Proponent shall ensure that the road may not be damaged due to transportation of stone.
14.	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project.
15.	No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
16.	Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The PP shall complete all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing.
17.	The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. In case of working below ground water table, prior approval of the Ministry of Environment, forest and Climate Change and Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out; The Report on six monthly basis on changes in Ground water level and quality shall be submitted to the Regional Office of the Ministry.
18.	The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also be done regularly Vehicles with PUCC only will be allowed to ply. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centres.
19.	There shall be planning, developing and implementing facility of rainwater harvesting measures on long terms basis in consultation with Regional Director, Central Groundwater Board and

	implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.
20.	Where ever blasting is undertaken as part of mining activity, the Project Proponent shall carry out vibration studies well before approaching any such habitats or other buildings, to evaluate the zone of influence and impact of blasting on the neighbourhood. Within 500 meters of such sites vulnerable to blasting vibrations avoidance of use of explosives and adoption of alternative means of mineral extraction, such as ripper/dozer combination/rock breakers/surface miners etc. should be seriously considered and practiced wherever practicable. A provision for monitoring of each blast should be made so that the impact of blasting on nearby habitation and dwelling units could be ascertained. The covenant of lease deed under Rule 31 of MCR 1960 provides that no mining operations shall be carried out within 50 meters of public works such as public roads and buildings or inhabited sites except with the prior permission from the competent authority.
21.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of work.
22.	Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
23.	The PP shall take precautions to suppress the dust in and around the mining site and use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
24.	Implementation of Haryana Government Rehabilitation and Resettlement of Land Owners' Policy as per applicability in the area shall be ensured.
25.	Implementation of Environment Management Policy of the Company w.r.t. judicious use of Mineral resources for growth & development synchronizing mining & environment with prosperity shall be ensured.
26.	The Project Proponent shall also take all precautionary measures during mining operation for conservation and protection of endangered flora/fauna, if any, spotted in the study area.
27.	The illumination and sound at night at project site, disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. Project Proponent must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.
28.	A comprehensive study for slope stabilization of mine benches and OB dumps shall be undertaken within one year.
29.	The PP shall manage the overburden at the mining site if left after sale.
30.	Washing of all transport vehicles should be done inside the mining lease.
31.	The PP shall create environment division unit in the project for implementing the conditions of Environment clearance.

32.	The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project if any and also obtained the CTO from HSPCB after the approval from CGWA.
33.	Any change in stipulations of EC of the approved mining plan will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
34.	The PP shall adhere to the approved mining plan and approved closure plan by the competent authority.
35.	**The PP shall get the Wildlife Conservation Plan approved from competent authority before start of Mining Operations.**
36.	**The PP shall plant 2,326 trees at the project site as proposed in Plantation Plan.**
37.	**The PP shall construct septic tank of appropriate capacity to treat domestic waste water.**

3.17.6.2. Standard

1(a)	**Mining of minerals**
null	
1.	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
2.	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.
Statutory compliance	
1.	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
2.	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area."
3.	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
4.	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the

	Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
5.	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
6.	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
7.	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India &Ors before commencing the mining operations.
Statutory compliance	
1.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
2.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of Schedule-I species in the study area).
3.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
4.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
5.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
6.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
7.	This Environmental Clearance (EC) is subject to orders/ judgment of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
Air quality monitoring and preservation	
1.	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.
2.	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and

	use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.
3.	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each).covering upwind and downwind directions.
4.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. Monitor fugitive emissions in the plant premises.
5.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986. 9) The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each). covering upwind and downwind directions.
Air quality monitoring and preservation	
1.	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.
2.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
3.	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.
Air quality monitoring and preservation	
1.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
Water quality monitoring and preservation	
1.	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
2.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
3.	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to

	conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
4.	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.
5.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
Water quality monitoring and preservation	
1.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
2.	Adhere to Zero Liquid Discharge
3.	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.
4.	The project proponent shall provide the slime disposal facility with impervious lining and collection wells for seepage. The water collected from the slime pond shall be treated and recycled.
5.	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
6.	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.
7.	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
8.	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
9.	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
10.	The project proponent shall practice rainwater harvesting to maximum possible extent.

11.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
Noise monitoring and prevention	
1.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
Noise and vibration monitoring and prevention	
1.	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.
2.	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.
Noise and vibration monitoring and prevention	
1.	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
Mining plan	
1.	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, O.B& dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life; etc.).
Energy Conservation measures	
1.	Provide LED lights in their offices and residential areas.
2.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
Mining plan	
1.	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.
Waste management	
1.	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste

	(Management & Transboundary Movement) Rules, 2016.
2.	Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)
Land reclamation	
1.	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
2.	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.
Land reclamation	
1.	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.
2.	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.
Green Belt and EMP	
1.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
Transportation	
1.	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.
Transportation	
1.	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a ‘bypass’ road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after

	required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].
Green Belt and EMP	
1.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
Public hearing and Human health issues	
1.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
Public hearing and Human health issues	
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
3.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
Green Belt	
1.	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.
Corporate Environment Responsibility	
1.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
Public hearing and human health issues	
1.	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure.
Corporate Environment Responsibility	
1.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest I wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

2.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.
Corporate Environment Responsibility	
1.	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
2.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
3.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
Miscellaneous	
1.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
2.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
3.	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
4.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
5.	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
6.	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
7.	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
Miscellaneous	
1.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
2.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.

3.	44) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
6.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
7.	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.
8.	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.
9.	A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC.
10.	In pursuant to Ministrys O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Honble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
Miscellaneous	
1.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
2.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
3.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
4.	The project proponent shall monitor the criteria pollutants level namely; PM10, S02, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
5.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponents website permanently.
Corporate Environment Responsibility (CER)	

1.	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.

3.18. Agenda Item No 18:

3.18.1. Details of the proposal

Environment Clearance for Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Chandhut (S outh) Unit) with 43,35,000 MT/ year production over an area of 245.39 acres (98.156 ha) located at Village Chan dhut South, Tehsil & District Palwal and State Haryana by **APEX PROJECT WORKS** located at **PALWAL,HA RYANA**

Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/MIN/519696/2025	SEAC/HR/2024/129	22/01/2025	Mining of minerals (1(a))

3.18.2. Project Salient Features

The Project Proponent submitted online Proposal No. SIA/HR/MIN/519696/2025 dated 22.01.2025 for obtaining **Environment Clearance** under Category 1(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,50,000/- vide DD No. 000134 dated 17.05.2024 during the submission for ToR. The ToR was granted to the project on 12.06.2024.

Table 1 – Basic Detail

S. No.	Parameters	Description
	Name of the project	Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Chandhut (South) Unit) by M/s Apex Project Works.
	Nature & category of Mine	Non-Coal Mining Category 'B' of Activity 1(a)
	Project Proponent	M/s Apex Project Works
	Khasra No.	**For Mining** **77//** 14, 15 min, 16 min, 17, 24 min, 25 min, **107//**, 4 min, 7 min, 14 min, 15 min, 16 min, 17, 24, 25 min, **115//,** 1 min, 10 min, 11 min, 12 min, 19 min, 20, 21, 22 min, **116//,** 3, 4, 5, 6, 7, 8, 13, 14, 15, 16, 17, 18, 23, 24, 25, 146//, 3, 4, 5, 6, 7, 8, 9, 11 min, 12, 13, 14, 15, 16, 17, 18, 19, 20 min, 21 min, 22, 23, 24, 25, **147//**, 1, 2 min, 3 min, 8 min, 9, 10, 11, 12, 13 min, 17 min, 18, 19, 20, 21, 22, 23, 24 min **151//,** 10 min, 11 min, 12 min, 13 min, 18 min, 19, 20, 21, 22, 2 3, 24 min **152//,** 17, 18, 19, 20, 21 min, 22 min, 23, 24, 25 **153//,** 1 min, 2 min, 3, 4, 5, 6, 7, 8, 9 min, 12 min, 13 min, 14, 1 5, 16, 17 min, 18 min, 24 min, 25 min, **182//**, 2 min, 3 min, 4, 5, 6, 7, 8 min, 13 min, 14, 15, 16, 17, 18

<table>
<tr><th>S. No.</th><th>Parameters</th><th colspan="3">Description</th></tr>
<tr><td></td><td></td><td colspan="3">min, 23 min, 24, 25,
183//, 1, 2, 3, 4 min, 5 min, 6 min, 7, 8, 9, 10, 11, 12, 13, 14, 15 min, 16 min, 17, 18, 19, 20, 21, 22, 23, 24, 25,
186//, 1, 2, 3, 4, 5 min, 6 min, 7, 8, 9, 10, 11, 12, 13, 14, 15 min, 16 min, 17, 18, 19, 20, 21, 22, 23, 24, 25 min,
187//, 2 min, 3, 4, 5, 6, 7, 8, 9 min, 12 min, 13, 14, 15, 16, 17, 18, 19 min, 21 min, 22 min, 23, 24, 25,
215//, 16 min
216//, 1 min, 2, 3, 4, 5, 6, 7, 8, 9, 10 min, 11 min, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 min, 22 min, 23, 24, 25,
217//, 1, 2, 3, 4, 5 min, 6 min, 7 min, 8, 9, 10, 11, 12, 13, 14 min, 17 min, 18, 19, 20, 21, 22, 23 min,
220//, 1, 2 min, 3 min, 9 min, 10 min,
221//, 3 min, 4 min, 5, 6 min.
293 min.
For Ancillary area
105// 21, 22, 23, 24, 25
118// 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15.</td></tr>
<tr><td></td><td>Total Lease area</td><td colspan="3">98.156 Ha (245.39 Acre) - Riverbed of Yamuna River</td></tr>
<tr><td></td><td>Location of the project</td><td colspan="3">Village- Chandhut South, Tehsil & District- Palwal, Haryana</td></tr>
<tr><td></td><td>Toposheet No.</td><td colspan="3">H43X8 - Project Site & G43F5, G43F9, H43X7, H43X8, H43X11 & H43X12 - Study Area.</td></tr>
<tr><td></td><td>Maximum Production Capacity</td><td colspan="3">43,35,000 Metric Tonne / Year</td></tr>
<tr><td></td><td>Geological Mineral Reserve</td><td colspan="3">49,25,880 Metric Tonne</td></tr>
<tr><td></td><td>Blocked Mineral Reserve</td><td colspan="3">5,90,112 Metric Tonne</td></tr>
<tr><td></td><td>Mineable Reserve</td><td colspan="3">43,35,768 Metric Tonne</td></tr>
<tr><td></td><td rowspan="10">Geographical co-ordinates</td><td>Point</td><td>Latitude</td><td>Longitude</td></tr>
<tr><td colspan="3">Chandhut (South)</td></tr>
<tr><td>A1</td><td>28° 7' 22.4796"N</td><td>77° 29' 23.399" E</td></tr>
<tr><td>B1</td><td>28°7' 15.652" N</td><td>77°29' 21.692" E</td></tr>
<tr><td>C1</td><td>28°6' 51.324" N</td><td>77°29' 38.139" E</td></tr>
<tr><td>D1</td><td>28°6' 49.868" N</td><td>77°29' 45.677" E</td></tr>
<tr><td>E1</td><td>28°6' 46.099" N</td><td>77°29' 50.988" E</td></tr>
<tr><td>F1</td><td>28°6' 39.589" N</td><td>77°29' 55.700" E</td></tr>
<tr><td>G1</td><td>28°6' 33.250" N</td><td>77°29' 54.415" E</td></tr>
<tr><td>H1</td><td>28°6' 25.798" N</td><td>77°29' 51.588" E</td></tr>
</table>

S. No.	Parameters	Description		
		I1	28°6' 19.887" N	77°29' 46.534" E
		J1	28°6' 15.97" N	77°29' 36.67" E
		L1	28°6' 22.16" N	77°29' 24.65" E
		M1	28°6' 31.708" N	77°29' 29.316" E
		N1	28°6' 43.035" N	77°29' 33.998" E
		N2	28°6' 45.131" N	77°29' 32.411" E
		N3	28°6' 46.154" N	77°29' 24.476" E
		O1	28°6' 48.827" N	77°29' 18.139" E
		O2	28°6' 52.236" N	77°29' 14.026" E
		P1	28°6' 55.886" N	77°29' 11.661" E
		P2	28°6' 59.260" N	77°29' 10.000" E
		Q1	28°7' 2.766" N	77°29' 9.457" E
		R1	28°7' 13.205" N	77°29' 12.799" E
		R2	28°7' 18.063" N	77°29' 12.912" E
		S1	28°7' 22.419" N	77°29' 12.698" E
	Topography of ML area	Highest elevation in riverbed at extreme north end is 127.25 m RL and bank top level is 130.0 mRL whereas the levels at the e xtreme south end in riverbed is 124.78 mRL and Riverbank top is 128.17 mRL. The Yamuna River flows from N to S direction in Chandhut rev enue village.		
	Mining Method & Technology	Mining activity will be carried out by opencast mechanized met hod by forming one bench of 3 m high in riverbed. There are no existing pits at present as the mining activities are closed for the last few years. The sand will be excavated by backhoe type exc avators directly loading into dumpers/trucks for dispatch to con sumers situated in and around Delhi/NCR. Loading of mineral s hall be mechanical, while transport of mineral out by the riverbe d shall be done through private truck owners. Adequate quantity of sand reserves is available for meeting consumer demand.		
	Ultimate depth of Mining	3 m from the riverbed of Yamuna River		
	Ground water level	05 - 10 m from the surface level		
	GWT intersection	Mining will be done only up to 3 m from surface. So, ground w ater table will not be intersected.		

<table>
<tr><th>S. No.</th><th>Parameters</th><th>Description</th></tr>
<tr><td></td><td>Working Days</td><td>268 Days</td></tr>
<tr><td></td><td>Drainage pattern/ water courses</td><td>Mining will be done in dry riverbed; stream will not be touched and will be done only during non-monsoon period.</td></tr>
<tr><td></td><td>Water requirement & source</td><td>The source of water is private water tankers. The break-up of w ater requirement is as follows:
<table>
<tr><th>S. No.</th><th>Description</th><th>Demand</th></tr>
<tr><td>1</td><td>Dust Suppression</td><td>16.10 KLD</td></tr>
<tr><td>2</td><td>Greenbelt Development</td><td>13.70 KLD</td></tr>
<tr><td>3</td><td>Domestic Requirement</td><td>7.90 KLD</td></tr>
<tr><td colspan="2">Total
Says</td><td>37.70 KLD
38.00 KLD</td></tr>
</table></td></tr>
<tr><td></td><td>Public Hearing</td><td>The public hearing was successfully conducted on 24.10.2024 a t Chandhut Village, Tehsil & District Palwal of Haryana State.</td></tr>
<tr><td></td><td>Cost of project</td><td>The capital cost for the project will be Rs.17 Crores including p roposed lease area and machinery will be hired on contract base s.</td></tr>
<tr><td></td><td></td><td></td></tr>
</table>

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 29.01.2025 mentioning therein as under:

1. The LoI has been issued by the Director Mines & Geology Haryana vide letter No. DMG/HY/Chandhut (South) Unit/Palwal/2023/5727 dated 05.10.2023 for mining of Sand (Minor Mienral) in Chandhut (South) Unit, comprising Chandhut (South) village over an area of 98.156 ha (245.39 acres) in district Palwal, Haryana for a period of 10 years.
2. The cluster certificate obtained from Department of Mines and Geology, Faridabad vide Memo No. MO/FBD/3589 dated 20.11.2023, which confirms, there is no other mining activity within 500m from project lease boundary to form mining cluster.
3. As per rule 70 of Haryana Minor Mineral Concession, Stocking, Transportation of Minerals & Presentation of Illegal Mining Rule, 2012, the mining plan was submitted to department and mining plan was approved vide reference no. DMG/HY/MP/CHANDHUT SOUTH/PLWL/2024/2155 DATED 02.05.2024.
4. Forest NOC has been issued by the Office of Divisional Forest Officer, Palwal Forest Division, Palwal vide reference no. 3693 dated 12.12.2023 which confirms project site is not part of any reserve forest or protected forest.
5. Approved District Survey Report of Palwal District has been obtained vide Memo No. Mining/Admin/Fbd/1999 dated 11.07.2024.
6. The project cost is estimated Rs. 17.0 Crores including proposed lease area and machinery will be hired on contract bases.
7. A government school of Chandhut Village will also be adopted to supply all the accessories to the schools as per their requirements with Lumpsum amount of Rs. 20.0 lacs.
8. About Rs. 5.0 Lacs per annum under CER scheme and about Rs. 6.0 Lacs per annum under Occupational Health & Safety have been kept for the mining plan period.

9. As per clause (iv) of the Gazetted Notification of MoEF&CC with S.O. 1807(E) on 12.04.2022, stated and clearly mentioned that "*The prior Environmental Clearance granted for mining projects shall be valid for the project life as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier*".
10. A budget of Rs. 18.50 Lacs as capital cost and Rs. 5.8 lacs per annum as recurring cost under EMP has been kept for the mining plan period.
11. The proposal was submitted on PARIVESH portal on dated 20.05.2024 for obtaining environment clearance. The standard ToR was issued by State Level Environment Impact Assessment Authority, Haryana vide File No. SIA/HR/MIN/473999/2024 on dated 12.06.2024. Baseline studies have been done for one season (pre-monsoon) i.e., from March to May 2024.
12. As per EIA Notification 2006 and its amendment, Haryana State Pollution Control Board (HSPCB) conducted public hearing on 24.10.2024 at 11 AM on site area, Village-Chandhut, Tehsil & District Palwal, Haryana for extraction of sand from riverbed of Yamuna.
13. Mining will be done as per the procedure laid down in accordance of mining plan approved by Department of Mines & Geology, Government of Haryana.
14. We hereby confirm that no complain or any litigation is pending against the proposed project.
15. The equipment details are enclosed as annexure with affidavit.
16. All the statutory requirements / approvals have been obtained.

Table 2 – EMP Detail

ENVIRONMENT MANAGEMENT BUDGET (5 YEARS – Plan Period)

The total EMP cost 47.50 lakh which is about 2.8% of total project cost (17.0 Cr).

S. No.	Particulars	Capital	Recurring	Total
1	Pollution monitoring – Air, Water, Noise	₹ 0	₹ 60,000	₹ 3,00,000
2	Pollution Control – Water sprinkling	₹ 5,00,000	₹ 1,00,000	₹ 10,00,000
3	Wire fencing at plantation sites	₹ 1,50,000	₹ 50,000	₹ 4,00,000
4	Plantation including maintenance	₹ 6,00,000	₹ 1,50,000	₹ 13,50,000
5	Rainwater harvesting	₹ 3,00,000	₹ 20,000	₹ 4,00,000
6	Haul road and other roads repair and maintenance	₹ 3,00,000	₹ 50,000	₹ 5,50,000
7	Pre and post monsoon survey for sedimentation in the riverbed	₹ 0	₹ 1,50,000	₹ 7,50,000
	Total	**₹ 18,50,000**	**₹ 5,80,000**	**₹ 47,50,000**

ANNUAL BUDGET FOR CER

S. No.	Description	Capital	Recuring	
1	Adoption of Govt. school in Chandhut South Village	₹ 20,00,000	₹ 4,50,000	
2	Solar Street Lights on Panchayat & Govt. school in Chandhut South Village	-	₹ 50,000	

Total	**₹ 20,00,000**	**₹ 5,00,000**

ANNUAL BUDGET FOR OCCUPATIONAL HEALTH & SAFETY

S. No.	Description	Budget
1	Health check-up camps	₹ 2,50,000
2	Insurance cover of workers	₹ 2,00,000
3	Vocational training to persons for income generation	₹ 75,000
4	Assistance to self-help groups	₹ 75,000
	Total	**₹ 6,00,000**

MACHINERY LIST

S. No.	Name of machinery	Capacity	Nos.	Engagement
1	Excavator cum loader	2.0 m^3	11	Hire Basis
2	Tippers/ Trucks	40 tons	130	Hire Basis
3	Water Tanker	10,000 liters	2	Hire Basis
4	Light vehicles	--	2	-

PROPOSED PLANTATION DETAILS

Year	Plantation Proposed	Survival 80%	Gap Plantation
I	6855	5484	-
II	6855	5484	1371
Total	**13710**	**10968**	**2742**

PLANTATION SCHEME

S. No.	Trees	Nos.	Plantation Area
1	Neem, Pipal, Mango, Ber, Guava, Jamun and other local fruit species	8,000	Ancillary Area & Riverbank
2		3,100	School & Panchayat Land
3		610	Approach Road
	Total	**13,710**	**-**

3.18.3. Deliberations by the committee in previous meetings

N/A

3.18.4. Deliberations by the SEAC in current meetings

The Committee thoroughly discussed the documents submitted by the PP such as details, contents of affidavit and documents submitted by the PP at length. The PP has proposed **Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Chandhut (South) Unit) with 43,35,000 MT/ year production over an area of 245.39 acres (98.156 ha) located at Village Chandhut South, Tehsil & District Palwal and State Haryana**. Sh. Sanjay Simberwal, Mining Engineer, representatives from the Mines & Geology Department, Haryana was also present during the meeting and he has authenticated the documents issued by Mining Department. Further, Sh. Sanjay Simberwal, Mining Engineer has duly collaborated the version of Committee that the land only can be used for mining as per District Survey Report, Mining Plan along with Replenishment Study approved for the proposed area.

Further, the PP requested the committee to grant Environment Clearance for the period of Mine Plan validity. After detailed deliberations, the Committee decided that EC cannot be granted for 5 years until and unless scientific Replenishment study is done as per Enforcement & Monitoring Guidelines for Sand Mining, 2020. The PP shall submit the scientific grid based/drone based replenishment study for the project site with elevation of the river bed within 1 year after the start of the mining at the project site, for further extension of time period as per approved mining plan of the project.

After detailed deliberations, the Committee directed the PP that they shall follow the Mining Plan for doing mining activity on the said leased area and further decided to recommend the case to SEIAA for granting of EC to the project under Category B1,1(a) **for one year**, under EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India for **Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Chandhut (South) Unit) with 43,35,000 MT/ year production over an area of 245.39 acres (98.156 ha) located at Village Chandhut South, Tehsil & District Palwal and State Haryana to M/s Apex Project** as mentioned in LOI/Mining Plan/EIA Report/ToR/DSR/Replenishment Report with **maximum depth upto 3.0m** as mentioned in Replenishment Study Report approved by Director Mines & Geology, Haryana with the following specific and general stipulations:

3.18.5. Recommendation of SEAC

Recommended

3.18.6. Details of Environment Conditions

3.18.6.1. Specific

Specific Conditions	
1.	The PP shall construct the pucca link roads connected to the main road at the mining site before the start of mining.
2.	The plantation shall be done on both sides of the road to prevent dust spreading.
3.	The PP shall construct the Haul roads of width 10 meters.
4.	The PP shall provide only one exit and one entry to the Mining Project area and all the mining shall be dispatched through E-billing.
5.	The PP shall maintain an un-mined block of 50 meters width after every block of 1000 meters over which mining is undertaken or at such distance as may be directed by the Director or any officer

	authorized by him.
6.	The PP shall restrict mining within the central 3/4th width of the river/rivulet.
7.	The PP shall not permit any mining in an area up to width of 500 meters from the active edges of embankments in case of River Yamuna, 250 mtrs. in case of Tangri, Markanda and Ghaggar and 100 mtrs. on either side of all other rivers/rivulets.
8.	Traffic management plan as submitted shall be implemented in letter and spirit.
9.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of work.
10.	Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
11.	The PP shall take precautions to suppress the dust in and around the mining site. The PP shall use mixed cannon water sprinkle for dust suppression instead of conventional sprinkles for efficient dust suppression.
12.	The PP shall create environment division unit in the project for implementing the conditions of Environment clearance.
13.	The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
14.	The PP shall adhere to the approved mining plan and approved closure plan by the competent authority.
15.	Action plan for the public hearing issues shall be complied in letter and spirit.
16.	The Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
17.	The Project proponent shall comply all the measures, conditions suggested in the approved mining plan with post closure mine plan, Environmental Management Plan (EMP) in a letter and spirit.
18.	Any change in stipulations of EC of the approved mining plan will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
19.	The PP shall comply with Sand Mining Rules 2016 and NGT directions from time to time.
20.	The PP shall submit the Wildlife Conservation Plan to the Competent Authority for approval before start of mining operations.
21.	The PP shall restrict maximum mining depth upto 3 meters above the Ground Water Table as per approved Mining Plan.
2	**The PP shall submit the scientific grid based/drone based replenishment study for the project**

2.	**site in the river bed within 1 year after the start of the mining at the project site, for further extension of time period as per approved mining plan of the project.**
23.	The PP shall plant 13710 trees at the project site as proposed in Plantation Plan.

3.18.6.2. Standard

1(a)	**Mining of minerals**
null	
1.	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
2.	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.
Statutory compliance	
1.	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
2.	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
3.	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
4.	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
5.	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area."
6.	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
7.	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated

	2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India &Ors before commencing the mining operations.
Statutory compliance	
1.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
2.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
3.	This Environmental Clearance (EC) is subject to orders/ judgment of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
4.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
5.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
6.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of Schedule-I species in the study area).
7.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
Air quality monitoring and preservation	
1.	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.
2.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986. 9) The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each). covering upwind and downwind directions.
3.	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each).covering upwind and downwind directions.
4.	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and

	use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.
5.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. Monitor fugitive emissions in the plant premises.
Air quality monitoring and preservation	
1.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
2.	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.
3.	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.
Air quality monitoring and preservation	
1.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
2.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
Water quality monitoring and preservation	
1.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2.	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
3.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
4.	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.
5.	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
Water quality monitoring and preservation	

1.	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.
2.	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
3.	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
4.	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.
5.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
6.	The project proponent shall practice rainwater harvesting to maximum possible extent.
7.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
8.	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
9.	Adhere to Zero Liquid Discharge
10.	The project proponent shall provide the slime disposal facility with impervious lining and collection wells for seepage. The water collected from the slime pond shall be treated and recycled.
11.	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
Noise monitoring and prevention	
1.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
Noise and vibration monitoring and prevention	

1.	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.
2.	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.
Noise and vibration monitoring and prevention	
1.	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
Mining plan	
1.	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, O.B& dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life; etc.).
Energy Conservation measures	
1.	Provide LED lights in their offices and residential areas.
2.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
Mining plan	
1.	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.
Waste management	
1.	Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)
2.	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
Land reclamation	
1.	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
2.	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to

	prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.
Land reclamation	
1.	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.
2.	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.
Green Belt and EMP	
1.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
Transportation	
1.	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.
Transportation	
1.	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a ‘bypass’ road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].
Green Belt and EMP	
1.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
Public hearing and Human health issues	
1.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and

	facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
Public hearing and Human health issues	
1.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
2.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
Green Belt	
1.	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.
Corporate Environment Responsibility	
1.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
Public hearing and human health issues	
1.	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure.
Corporate Environment Responsibility	
1.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest I wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
2.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.
Corporate Environment Responsibility	
1.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
2.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

3.	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
Miscellaneous	
1.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
2.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
3.	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
4.	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
5.	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
6.	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
7.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
Miscellaneous	
1.	44) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
2.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
3.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
6.	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.

7.	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.
8.	In pursuant to Ministrys O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Honble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
9.	A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC.
10.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
Miscellaneous	
1.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
2.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
3.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
4.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponents website permanently.
5.	The project proponent shall monitor the criteria pollutants level namely; PM10, S02, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
Corporate Environment Responsibility (CER)	
1.	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.

3.19. Agenda Item No 19:

3.19.1. Details of the proposal

Ashoka University- North Campus by **international foundation for research and education** located at **SONIPAT, HARYANA**

Proposal For		Fresh EC	
Proposal No	**File No**	**Submission Date**	**Activity (Schedule Item)**
SIA/HR/INFRA2/519654/2025	SEAC/HR/2024/314	22/01/2025	Building / Construction (8(a))

3.19.2. Project Salient Features

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/519654/2025 dated 22.01.2025 for obtaining **Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 000530 dated 20.01.2025.

Table 1 – Basic Detail

Name of the Project: Ashoka University-North Campus at Plot No.1A, RGEC. Village Rai, Sonipat, Haryana by M/s International Foundation for Research and Education		
S. No.	**Particulars**	**Proposed Details**
1.	Online Proposal Number	SIA/HR/INFRA2/519654/2025
2.	Latitude	28°56'58.52"N
3.	Longitude	77° 5'54.37"E
4.	Total Plot Area	1,09,673.7 sqm (27.10 acres) out of this 47,868.22 sqm future development)
5.	Proposed Ground Coverage	8,795.00 sqm (8.02% of Total Plot Area)
6.	Proposed FAR	68,914.86 sqm
7.	Non-FAR Area	3,458.18 sqm
8.	Total Built-up area	72,373.04 sqm
9.	Total Green Area with %	31,122.95 sqm (28.38% of Total Plot Area)
10.	Rain Water Harvesting Pits (with size)	05 no. of recharge pits
11.	STP Capacity	310 KLD
12.	Total Parking	362 ECS
13.	Organic Waste Converter (OWC)	2 unit (2 X 300 kg/day)
14.	Maximum Height of the Building (m)	52 m
15.	Power Requirement	1500 kW
16.	Power Backup	2 DG sets of total 1500 kVA (**2 x 750 KVA**)
17.	Total Water Requirement	434 KLD

18.	Fresh Water Requirement		222 KLD	
19.	Treated Water		212 KLD	
20.	Waste Water Generated		154 KLD	
21.	Solid Waste Generated		920 kg/day	
22.	Bio-degradable Waste		552 kg/day	
23.	Number of Buildings		Science block(A1):B+G+6 Innovation Block(A2): B+G+4 Utility Block: B+G+1 Guard room: G Hostel building: R1 &R2(G+14), R3(B+G +14), R4(B+G +16	
24.	Basements		01 basements	
25.	Stories		Max. B+G+16 floors	
26.	Population		2858 individuals	
27.	Total Project Cost	i) Land Cost	₹629.80 Crores	
		ii)Construction Cost		
28.	Incremental Load in respect of:		PM2.5	0.0203 µg/m^3
			PM10	0.0523 µg/m^3
			SO2	0. 0703µg/m^3
			NO2	0.3389 µg/m^3
			CO	0.237 µg/m^3
29.	EMP Budget		Total EMP Budget: ₹944.0/- Lakhs (Including ₹80.0/- Lakhs for Adoption of Govt. School in nearby Village)	

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 29.01.2025 mentioning therein as under:

1. That, this is an existing university which is being developed as per the obtained Consent to Establish (CTE) vide letter no. HSPCB/Consent/: 329962321SONCTE14749750 dated 06.10.2021 for built up area 39,110.17 sqm. (Enclosure A).
2. Land has been allotted by HSVP dated 26.02.2018 and 15.03.2021 for plot area 26 acres and 1.1 acres respectively; Enclosure B. Total plot area of project is 27.1 acres.
3. That, earlier the Institutional project was exempted from obtaining Environmental Clearance as per the MOEF&CC Notification S.O. 3252 (E) dated 22.12.2014, which states that “industrial shed, school, college, hostel for educational institution shall be exempted from requirement of Environmental Clearance (EC) but shall ensure sustainable environmental management, solid and liquid waste management, rainwater harvesting and may use

recycled materials such as fly ash bricks." Enclosure C

4. That, at present 2 Hostel Blocks (R1& R2), 2 Institutional Blocks (Science Block & Innovation Block), Utility Block and Guard Room are developed at site for which occupation Certificate dated 23.08.2024 has been obtained from HSVP for built up area of 32,076.89 sq.m. Enclosure D)
5. That, as per the High Court of Kerala at Ernakulum Judgment [in writ petition W.P. (C) No. 3097 of 2016 (S)] dated 17.09.2020 and 23.11.2020 against the amendment to the EIA Notification, 2006 dated 22.12.2014 dated 06.03.2024 which states that "Notification dated 22.12.2014 is hereby quashed and set aside." Now the Institutional project comes under purview of obtaining Environmental Clearance. Enclosure E
6. That, as per the above notification, M/s International Foundation for Research and Education is seeking Environmental Clearance for the said project over a Total Plot Area measuring 1,09,673.70 sqm (27.10 acres) which also proposes the development of additional 2 Hostel Blocks (R3 & R4) in the previous planning to achieve a total Built-up Area of 72,373.04 sqm.
7. That, Forest NOC has been obtained from Deputy Forest Conservator, Gurugram, Govt. of Haryana dated 22.01.2025 (Enclosure F)
8. That, Permission for fresh water supply, Sewer connection for treated water discharge and treated water for construction has been obtained from HSVP. Enclosure G
9. That, Electricity is being supplied from the Uttar Haryana Bijli Vitran Nigam (UHBVN). Electricity bill is attached as Enclosure H
10. That, the drawings of current planning are in the process of approval; thus project has been submitted on Concept basis.
11. That, no HT line(s) is passing through the project site.
12. That, no Revenue Rasta(s) is passing through the project site.
13. That, the Total EMP budget for the project is ₹944/- Lakhs, from which ₹80/- Lakhs is allocated for outside of the project for Adoption & Infrastructural Development of Government School in nearby village. Enclosure I
14. That, the total green area at the project site is 31,122.95 sqm (Approx. 28.38% of Total Plot Area). Out of this, an area measuring 13,658.25 sqm (12.45% of Total Plot Area) will be developed under Block Green Plantation along with implementation schedule. (Enclosure J)
15. That, 2 Organic Waste Convertor (OWC) of capacity 300kg/day each. will be installed for treatment Bio-degradable waste.
16. That, Solar power provision will be increased to total 150 KW.
17. That, the Fire NOC has been obtained from Director General, Fire Service, Haryana Panchkula on 12.01.2024 for academic & utility block including basements and on 14.08.2024 for R1 & R2 block. (Enclosure K)
18. That, there are no Notified Protected Areas, Wildlife Sanctuaries, or National Parks within 10 km radius of the Project site.
19. That, there is no legal case pending against the proposed land or the Project Proponent.

PP also submitted EMP Details of the project as under:

TABLE 2: EMP DETAILS

EMP Budget during Construction Phase

S. No.	Component	Capital Cost(₹ in Lakhs)	Recurring Cost (₹ in Lakhs) for 5 years	Recurring Cost (₹ in Lakhs) per year
1	Wheel wash arrangement and Water for Dust suppression	8	10	2
2	EMP cost of Construction phase (green net, tarpaulin cover to cover the construction materi	20	7.5	2.5

	al)			
3	Dust Mitigation measures (Anti-Smog Guns, AQM Sensors Sprinkling, PTZ camera etc.)	30	7.5	1.5
4	Environment monitoring & Six-Monthly com pliances	-	5	1
5	Environment Management Cell	-	15	3
TOTAL		**58**	**45**	**10**

EMP Budget during Operation Phase

S. No.	Component	Capital Cost(₹ in Lakhs)	Recurring Cost(₹ in Lakhs) for 5 years	Recurring Cost (₹ in Lakhs) per year
1	Wastewater treatment (STP & ETP)	-	100	20
2	Rain water Harvesting system	-	20	4
3	Solid Waste Management (Organic Waste Convertor and Waste Bins)	30	10	2
4	Tree Plantation	40	25	5
5	Environment Management cell, Environment monitoring & Six-Monthly compliances	-	60	12
TOTAL		**70**	**215**	**43**

EMP Budget Outside the Project Boundary

Activities	Total cost (in Lakhs)
Adoption of Government school in nearby village 1. Installation of smart classes 2. Installation of Solar Lighting 3. Installation of RO Treatment plant, etc. 4. Toilets construction 5. Book distribution	80

EMP Budget Summary

Particulars	Cost (₹ in lakhs)
EMP cost already incurred **(A)**	**476/-**
Proposed EMP**(B)**	**468/-**
EMP Budget (Capital cost)	128/-

EMP budget (Recurring cost)	260/-
Adoption of Government school in nearby village	80/-
TOTAL(A+B)	**944**

3.19.3. Deliberations by the committee in previous meetings

N/A

3.19.4. Deliberations by the SEAC in current meetings

A detailed discussion was held on the documents submitted regarding allotment letter, EMP, Landscape Plan, Solar Power, all Types of assurances and NOCs, STP as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s International Foundation for Research & Education (as per Allotment letter(26 acres) issued by HSVP vide memo No.CTP/STP(S)/AC/37507; dated 26.02.2018 and allotment of additional land(1.10 acres) issued by HSVP vide memo no. 836; dated 15.03.2021)

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

3.19.5. Recommendation of SEAC

Recommended

3.19.6. Details of Environment Conditions

3.19.6.1. Specific

N/A

3.19.6.2. Standard

8(a)	**Building / Construction**
Statutory compliance	
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
Air quality monitoring and preservation	
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7.	Wet jet shall be provided for grinding and stone cutting.

8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.
Water quality monitoring and preservation	
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
4.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
8.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
10.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11.	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided

	for ground water recharging as per the CGWB norms.
12.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13.	All recharge should be limited to shallow aquifer.
14.	No ground water shall be used during construction phase of the project.
15.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
18.	No sewage or untreated effluent water would be discharged through storm water drains.
19.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
21.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
Noise monitoring and prevention	
1.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
Energy Conservation measures	

1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2.	Outdoor and common area lighting shall be LED.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
Waste Management	
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
10.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

Green Cover	
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
Transport	
1.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
2.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
Human health issues	
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

5.	Occupational health surveillance of the workers shall be done on a regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.
7.	The project proponent shall comply with the provisions of CER, as applicable.
8.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or share holders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
9.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
10.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
Miscellaneous	
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2.	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
8.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as

	amended subsequently and put on the website of the company.
9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP reportand also that during their presentation to the Expert Appraisal Committee.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
13.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
18.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
Specific Conditions	
1.	**The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2.	Sewage shall be treated in the STP on latest Technology to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening.
3.	The PP should not mix the ETP effluent after treatment in the STP and ETP effluent shall be separately utilized for the purposes.
4.	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
5.	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be

	implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
6.	The PP shall not carry out any construct above and below revenue rasta if passing through the project and ensure that permission of the competent authority shall be obtained before carry out any construction above or below the revenue rasta. The PP shall put notice board on the revenue rasta for the passer byes.
7.	The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
8.	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
9.	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to solid waste dumping site through authorized vender.
10.	If the tree cutting has been proposed in the instant project than prior, permission should be obtained from competent authority. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
11.	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
12.	Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
13.	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightening etc.
14.	The PP shall obtain the Fire NOC from the Competent Authority before taking the occupation of the building.
15.	The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas-based generator set when the gas is available. The PP shall install APCM for the DG set.
16.	The PP shall not mix ETP treated effluent with STP water.
1	The PP Shall comply with SOP for reduction of Air and Noise pollution during construction and

7.	operation phase.
18.	The PP shall follow SOP regarding single use plastic free.
19.	The PP shall follow the SOP for reduction of carbon footprints.
20.	The PP shall obtain the permission regarding withdrawal of ground water, if any from HWRA/CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from HWRA/CGWA.
21.	The PP shall carry out the quarterly awareness programs for the stakeholders of the project.
22.	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of RWH pits.
23.	The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
24.	The PP may provide electric charging stations to facilitate electric vehicle commuters.
25.	The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
26.	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
27.	As proposed **31,122.95 sqm (Approx. 28.38% of Total Plot Area)** shall be provided for green area development at the site**. Out of this, an area measuring 13,658.25 sqm (12.45% of Total Plot Area**) will be developed under Block Green Plantation along with implementation schedule.
28.	**05 Rain Water Harvesting Pits** shall be provided for ground water recharging as per the CGWB norms.
29.	The PP shall install required number of **Anti-Smog Guns** at the project site as per the requirement of HSPCB.
30.	**The PP shall increase Solar power to total 150 KW.**
31.	The PP shall carry out **plantation of saplings** in the proposed green area as a part of the tree plantation campaign **"Ek Ped Maa Ke Naam"** and shall upload the details of the same in the **MeriLiFE Portal (http://merilife.nic.in).**
32.	The PP shall get project **electrification plan** approved from the competent authority before operation of the project.
33.	The PP shall register themselves on the **http://dustapphspcb.com** portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

4. Any Other Item(s)

N/A

5. List of Attendees

Sr. No.	Name	Designation	Email ID	Remarks
1	Sh Bhupender Singh Rinwa	Member Secretary, SEAC	scy*******@gmail.com	
2	Vijay Kumar Gupta	Chairman, SEAC	vkg*******@gmail.com	
3	Shri Prabhakar Kumar Verma	SEAC MEMBER	pra**********@gmail.com	
4	Dr Rajbir Singh Bondwal	SEAC MEMBER	raj**********@gmail.com	
5	Dr Vivek Saxena	SEAC MEMBER	viv******@gmail.com	
6	Sandeep Gupta	SEAC MEMBER	san**********@kuk.ac.in	

Minutes of the 311th Meeting of the State Expert Appraisal Committee (SEAC), Haryana held on 29.01.2025 under the Chairmanship of Sh.V. K. Gupta, Chairman, SEAC, Haryana in Conference Hall (SEIAA), Bays No. 55-58, First Floor, Paryatan Bhawan, Sector-2, Panchkula, Haryana for considering Environmental Clearance of Projects (B Category) under Government of India Notification dated 14.09.2006.

At the outset the Chairman, SEAC welcomed the Members of the SEAC and advised the Member Secretary to give brief background of this meeting.

The Minutes of 310th meeting were discussed and approved. In Agenda of this meeting, 20 nos. of projects, received on PARIVESH Portal, were taken up for scoping, appraisal and grading as per agenda circulated.

The following members joined the meeting:

Sr. No.	Name	Designation
1.	Shri Prabhaker Verma (Joined through VC)	Member
2.	Dr.Vivek Saxena, IFS	Member
3.	Sh.Rajbir Bondwal, IFS (Rtd). (Joined through VC)	Member
4.	Dr. Sandeep Gupta (Joined through VC)	Member
5.	Sh. Bhupender Singh Rinwa, Joint Director, Environment & Climate Change Department, Haryana (Joined through VC)	Member Secretary
6.	Sh.Sanjay Simberwal, Representative from Mines & Geology Department, Haryana	Mining Engineer

311.01 EC for Industrial Shed Project at Plot No.1 & 2, Street E, Sector-5, Model Economic Township, Village Dadri Toe, District Jhajjar, Haryana by M/s Beumer India Private Limited

Project Proponent : Sh. Satya Prakash
Consultant : Aplinka Solutions & Technologies Private Limited

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/518564/2025 dated 15.01.2025 for obtaining **Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 639995 dated 03.01.2025.

Table 1 – Basic Detail

Name of the Project: Industrial Shed Project at Plot No. 1 & 2, Street E, Sector – 5, Model Economic Township, Village Dadri Toe, District Jhajjar, Haryana by M/s Beumer India Pvt. Ltd.		
S. No.	**Particulars**	**Proposed Details**
1.	Online Proposal Number	SIA/HR/INFRA2/518564/2025
2.	Latitude	28°30'11.20"N
3.	Longitude	76°46'10.38"E

4.	Total Plot Area		42,508.35 sqm (10.50 acres)	
5.	Proposed Ground Coverage		22,285.00 sqm (52.42% of Total Plot Area)	
6.	Proposed FAR		25,894.00 sqm	
7.	Non-FAR Area		637.68 sqm	
8.	Total Built-up area		26,531.68 sqm	
9.	Total Green Area with %		6,696.00 sqm (15.75% of Total Plot Area)	
10.	Rain Water Harvesting Pits (with size)		10 no. of recharge pits	
11.	Total Parking		40 Four-wheeler Parking + 50 Two-wheeler Parking + 05 Trailer Parking	
12.	Maximum Height of the Building (m)		17.0 m	
13.	Power Requirement		800 kVA	
14.	Power Backup		03 No. of DG sets Capacity: 1 x 500 kVA + 1 x 380 kVA + 1 x 125 kVA (PNG)	
15.	Total Water Requirement		37 KLD	
16.	Fresh Water Requirement		29 KLD	
17.	Treated Water		8 KLD	
18.	Wastewater Generated		12 KLD	
19.	Wastewater Treatment		Sewage/effluents generated from the project site will be discharged into the sewage/effluent network of Model Economic Township (MET) for further treatment	
20.	Solid Waste Generated		77 kg/day	
21.	Bio-degradable Waste		46 kg/day	
22.	Number of Buildings		02 Industrial Sheds	
23.	Basements		No Basement	
24.	Population		310 individuals	
25.	Total Project Cost	i) Land Cost	Total Project Cost (i+ii): ₹165 Cr.	
		ii)Construction Cost		
26.	Incremental Load in respect of:		PM2.5	0.0203 µg/m^3
			PM10	0.0523 µg/m^3
			SO2	0.0703 µg/m^3
			NO2	0.3389 µg/m^3
			CO	0.2365 µg/m^3
27.	EMP Budget		Total EMP Budget: ₹275.0/- Lakhs (Including ₹50.0/- Lakhs for Adoption & Infrastructural Development of Govt. School in nearby Village	

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply dated 29.01.2025 alongwith an affidavit mentioning therein as under:

1. That, this is an existing Industrial Shed project, wherein 02 blocks are under development as per the Consent to Establish (CTE) NOC dated 31.12.2024 for Built-up Area measuring 19,500 sqm ie; less than 20,000 sqm ***(Enclosure A)***
2. That, earlier the Industrial Shed Project was exempted from obtaining Environmental Clearance as per the MOEF&CC Notification S.O. 3252 (E) dated 22.12.2014, which states that "industrial shed, school, college, hostel for educational institution shall be exempted from requirement of Environmental Clearance (EC) but shall ensure sustainable environmental management, solid and liquid waste management,

rainwater harvesting and may use recycled materials such as fly ash bricks." ***(Enclosure B)***

3. That, as per the High Court of Kerala at Ernakulum Judgment [in writ petition W.P. (C) No. 3097 of 2016 (S)] dated 17.09.2020 and 23.11.2020 against the amendment to the EIA Notification, 2006 dated 22.12.2014 dated 06.03.2024 which states that "Notification dated 22.12.2014 is hereby quashed and set aside." Now the industrial shed comes under purview of obtaining Environmental Clearance as earlier the exempted projects have to submit Sustainable Environmental Compliance. ***(Enclosure C)***
4. That, as per the aforementioned Notifications, M/s Beumer India Pvt. Ltd is seeking Environmental Clearance for the said project with Total Plot Area measuring 42,508.35 sqm (10.50 acres) and total Built-up Area of 26,531.68 sqm for 02 industrial sheds blocks.
5. That, the plot measuring 10.50 acres is an amalgamation of two existing land parcels i.e.; Plot 1 & Plot 2, which are a part of the total land area measuring 1,016 acres, under the ownership of M/s Model Economic Township Ltd.
6. That, the said Plots were previously under the ownership of M/s Aqualite Industries Pvt. Ltd. Later, both the plots were purchased by M/s Beumer India Pvt. Ltd. and the sale of the plots were settled through the Sale Deeds between M/s Aqualite Industries Pvt. Ltd. and M/s Beumer India Pvt. Ltd. attached as ***Enclosure D***
7. That, Forest NOC has been obtained by M/s Model Economic Township Ltd. for the complete licensed land area measuring 1,016 acres, which includes the land parcel measuring 10.50 acres for the proposed Industrial Shed Project ***(Enclosure E)***
8. That, Aravalli NOC is not applicable as the project site is located in District Jhajjar.
9. That, Fresh Water Supply services for the project will be provided by Model Economic Township (MET). The Services Agreement between M/s Model Economic Township Ltd. and M/s Beumer India Pvt. Ltd. is attached as ***Enclosure F***
10. That, the sewage/effluents generated from the project site will be discharged into the sewage/effluent network of Model Economic Township for further treatment (MET).
11. That, Electricity Supply will be provided from the Power Grid of M/s Model Economic Township Ltd.
12. That, the drawings of current proposal are under approval; project proposal has been submitted on Concept basis.
13. That, no HT line(s) is passing through the project site.
14. That, no Revenue Rasta(s) is passing through the project site.
15. That, the Total EMP budget for the project is ₹275.0/- Lakhs, from which ₹50.0/- Lakhs is allocated for outside of the project for Adoption & Infrastructural Development of Government School in nearby village. ***(Enclosure G)***
16. That, the total proposed green area at the project site is 6,696.00 sqm (Approx. 15.75% of Total Plot Area). Out of this, an area measuring 5,101.00 sqm (12.0% of Total Plot Area) will be developed under Block Green Plantation. ***(Enclosure H)***
17. That, Bio-degradable waste from the site will be handed over to an authorised vendor since installation of Organic Waste Convertor (OWC) is not mandatory considering the Built-up Area of 26,531.68 sqm. This is in reference to the Haryana Building Code 2017 and further amendments (Clause No. 12.1; Category B - Built-up Area: 20,000 - 50,000 sqm, Condition No. 3) ***(Enclosure I)***
18. That, Solar Photovoltaic Panels of capacity approx. 40 kW will be installed in the project premises.
19. That, the Fire NOC will be obtained before commencement of operation phase.

20. That, there are no Notified Protected Areas, Wildlife Sanctuaries, or National Parks within 10 km radius of the Project site.
21. That, there is no legal case pending against the proposed land or the Project Proponent

PP also submitted EMP Details of the project as under:

TABLE 2: EMP DETAILS

EMP BUDGET (CONSTRUCTION PHASE)

S. No.	Component	Capital Cost (₹ in Lakhs)	Recurring Cost (₹ in Lakhs) per annum
1	Mobile Toilets & Septic Tanks	20	5
2	Air Pollution Control (tarpaulin sheets/ barricading, wheel washing, water sprinkling)	11	3.5
3	Anti-smog gun(s)	10	5
4	Noise Pollution Control (Maintenance of Machinery)	4	2
6	AQI Monitoring Sensors	1	0.5
6	Environment monitoring & Six-Monthly compliances	-	6
7	Environment Management Cell	-	7
TOTAL		**46.0/-**	**29.0/-**

EMP BUDGET (OPERATION PHASE)

S. No.	Component	Capital Cost (₹ in lakhs)	Recurring Cost (₹ in lakhs) per annum
1	Rainwater Harvesting System	20	8
2	Solid Waste Management	10	5
3	Tree Plantation	70	30
4	Environment Management Cell, Environment Monitoring & Six-Monthly Compliances	-	7
TOTAL		**100.0/-**	**50.0/-**

EMP BUDGET: OUTSIDE PROJECT PREMISE

Activities	Cost (₹) - in Lakhs
Adoption & Infrastructural Development of Govt. School in nearby Village	**50.0/-**

TOTAL EMP BUDGET

Particulars	Total Cost (₹ in lakhs)
EMP Budget (Capital cost)	146.0/-
EMP Budget (Recurring cost)	79.0/-
EMP Budget (Outside Project Premise)	50.0/-
TOTAL	**275.0/-**

A detailed discussion was held on the documents submitted regarding Land License, EMP, Landscape Plan, Land Ownership, Sale Deed, Forest NOC, Aravalli NOC, Water, Sewage/Effluents, Power, Concept Base, HT Line, Revenue Rasta, as well as the submissions made by the PP.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Beumer India Pvt. Ltd. (as per Sale Deeds dated 28.03.2024)

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

A. Specific conditions:-

1. **The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2. The PP shall take the necessary approval from PESO, if applicable
3. The PP shall follow the compliance of Public Liability Insurance Act, 1991
4. The PP shall carry the isolated storage of each chemical to be stored with the existing precautions as per the MSHIC Rules, 1989 and abide by all conditions of MSDS.
5. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightening etc.
6. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project.
7. The PP and consultant agree to display the First Aid measure, Fire Fighting Measure, Accidental Release measure, Exposure and control (Personal Measure) at the site.
8. The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
9. Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/reused for flushing. DG cooling, Gardening and HVAC.

10. The PP shall comply with provisions of Occupational Safety health and working conditions Code 2019.
11. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
12. The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
13. Separate wet and dry bins must be provided for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage should be managed through authorised vendors. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to solid waste dumping site through authorized vender.
14. The PP shall implement the EMP and assess that the implemented EMP is adequate and periodic environmental audits shall be conducted and maintained the records of audit. These audits shall be followed by Corrective action plan to correct the various measures identified during the audits (CAP).
15. The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used.
16. The PP shall not carry any construction below the HT Line passing through the project, if any.
17. The PP shall not carry any construction above or below the Revenue Rasta, if any.
18. The PP shall obtain the permission regarding withdrawal of ground water from CGWA/State water Authority, Haryana before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
19. The PP shall not allow parking of the vehicles on the roads or revenue Rasta outside the project area.
20. The PP shall not give occupation or possession before the water supply and sewage connection permitted by the competent authority
21. The PP shall develop the onsite and offsite emergency plan in consultation with the regulatory authority.
22. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
23. The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
24. The PP may provide electric charging stations to facilitate electric vehicle commuters.
25. PP shall submit timeline regarding implementation of green plan.
26. The PP shall not allow establishment of any category A or B type industry in the project area.
27. The PP shall carry out the quarterly awareness programs for the staff.
28. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.

29. The PP shall comply with provisions of Manufacturing storage and import of Hazardous chemical rules
30. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
31. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
32. A minimum of 1 tree for every 80sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species.
33. The species with heavy foliage, broad leaves and wide canopy cover are desirable.
34. Water intensive and/or invasive species should not be used for landscaping.
35. **As proposed 6,696.00 sqm (Approx. 15.75% of Total Plot Area**) shall be provided for green area development at the site. Out of this, an area measuring **5,101.00 sqm (12.0% of Total Plot Area)** will be developed under Block Green Plantation.
36. **10 Rain Water Harvesting pits,** shall be provided at the project site.
37. The PP shall install Solar Photovoltaic Panels of capacity approx. 40 kW in the project premises.
38. The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
39. **The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in)**
40. **The PP shall get project electrification plan approved from the competent authority before operation of the project.**
41. The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard Conditions will be same as specified by the MoEF&CC.

311.02 EC for proposed Expansion of Group Housing Project on an area measuring 13.344 Acres at Village- Badshahpur, Sector-67, Gurugram, Haryana by M/s Consolidate Realtors Private Limited

Project Proponent : Sh.Satya Pal Singh
Consultant : Ind Tech House Consult

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/518409/2025 dated 16.01.2025 for obtaining **Environment Clearance for Expansion** under Category 8(b) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 502548 dated 07.12.2024.

Table 1 – Basic Detail

NAME OF THE PROJECT: Environment Clearance For Proposed Expansion Of Group Housing Project On Area Measuring 13.344 Acres At Village- Badshahpur, Sector-67, Gurgaon, Haryana By M/s Consolidate Realtors Pvt. Ltd.				
Sr. No.	**Particulars**	**As per Previous EC**	**Proposed Expansion**	**Total After Expansion**

1.	**Online Project Proposal Number**	**SIA/HR/INFRA2/518409/2024**		
2.	Latitude	28°23'22.08"N		
3.	Longitude	77° 3'34.83"E		
4.	Plot Area (m^2)	54000.83	+0.33	54001.17
5.	Proposed Ground Coverage (m^2)	9717.43	No Change	9717.43
6.	Proposed FAR (m^2)	113269.11	+2635.65	115904.76
7.	Non-FAR Area (m^2)	60630.79	+267.64	60898.43
8.	Total Built Up area (m^2)	173899.90	+2903.29	176803.19
9.	Total Green Area with Percentage (m^2) (29.86 % of plot Area)	16125.803	No Change	16125.80 (5658.05 m^2 under block plantation)
10.	Rain Water Harvesting Pits (No.)	24.00	No Change	24.00
11.	STP Capacity (KLD)	500	No Change	500
12.	Total Parking (ECS)	1315	+41.00	1356
13.	Organic Waste Converter (Kg/day)	500	+1000	1500 (3x500 kg/day)
14.	Maximum Height of the Building (m)	112	+8	120
15.	Power Requirement (KVA)	7970	No Change	7970
16.	Power Backup (KVA))	6500	No Change	6500
17.	Total Water Requirement (KLD)	417.00	+9.08	426.08
18.	Fresh Water Requirement (KLD)	263.00	+6.55	269.55
19.	Waste Water Generated (KLD)	297	+7.07	304
20.	Solid Waste Generated (TPD)	2.07	+0.09	2.16
21.	Biodegradable Waste (TPD)	1.25	+0.05	1.30
22.	Maximum Number of Floors	2B+G+32	Addition of 1 floor	2B+G+33
23.	Total no of Saleable DU's	639	+16	655
24.	EWS Units	114	+2	116
25.	Total Cost of the project (Cr.):	261.00	+49.35	310.35
26.	Incremental Load in respect of: i) PM 2.5 ($\mu g/m^3$)	-	-	0.307
	ii) PM 10 ($\mu g/m^3$)	-	-	0.511
	iii) SO_2 ($\mu g/m^3$)	-	-	0.378
	iv) NO_2 ($\mu g/m^3$)	-	-	8.20
	ii) CO (mg/m3)			0.00637
27.	Construction Phase:	i) Power Back-up	-	250 KVA
		ii) Water Requirement & Source	-	Tanker water supply from nearby STP
		iii) Anti-Smog Gun	-	4 Nos.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, License No. 53 of 2011 has been obtained from DTCP for setting up Group Housing Colony and renewal of license has been obtained vide Memo. No. LC-1142-PA(SK)-2024/22537 dated 22.07.2024 valid till **09.06.2029**. Copy of license and its renewal are attached as **Annexure-1 & 1A.**
- That, earlier Environment Clearance was granted by State Environment Impact Assessment Authority (SEIAA), Haryana vide letter No. **SEIAA(125) HR/2020/523** dated 04/11/2020 for plot area **54,000.832 sq.m**. and built-up area **1,73,899.904** sqm.
- That, due to TDR the built-up area is increasing from **1,73,899.90 sqm** to **1,76,803.19 sq.m. a copy of TDR certificate is attached as Annexure 2.**
- That**,** the plot area will remain same and there is **addition of four floors in Tower T-11 (16 Main DU's and 2 EWS).**
- That, Comparative statement of the project is as below: -

S. No.	Description	As per Previous EC	Proposed Expansion	Total After Expansion	Unit
1.	Plot Area (13.344 Acres)	54000.83	+0.33	54001.17	Sqm.
2.	Total Built-up Area	173899.90	+2903.29	176803.19	Sqm.
3.	Proposed Ground Coverage	9717.43	No Change	9717.43	Sqm.
4.	Proposed FAR	113269.11	+2635.65	115904.76	Sqm.
5.	Proposed NON-FAR	60630.79	+267.64	60898.43	Sqm.
6.	Maximum Height of Building	112	+8	120	M
7.	Number of Towers	12	No Change	12	Nos.
8.	Dwelling Units / EWS	639	+16	655	Nos.
9.	EWS	114	+2	116	Nos.
10.	Basement	2	No Change	2	Nos.
11.	Max. No. of Floors	G+32	Addition of 1 floor	G+33	Nos.
12.	Total Cost of the project	261.00	+49.35	310.35	Cr.
13.	Total water requirement	417.00	+9.08	426.08	KLD
14.	Fresh Water Requirement	263.00	+6.55	269.55	KLD
15.	Waste Water generation	297	+7.07	304	KLD
16.	STP Capacity	500	No Change	500	KLD
17.	Rain water Harvesting	24.00	No Change	24.00	Nos.
18.	Total Green area	16125.803	No Change	16125.803	sqm
19.	Total Parking	1315	+41.00	1356	ECS
20.	Solid Waste Generation	2.07	+0.09	2.16	TPD
21.	Biodegradable waste	1.25	+0.05	1.30	TPD
22.	Power Requirement	7970.00	No Change	7970.00	kW
23.	DG Backup	6500.00	No Change	6500.00	kVA

- That, Construction status of the project is as below:

Particulars	As per previous EC	As per revised proposal	Changes	Construction Status as on date
Tower 1	G+23	G+23	No Change	Completed
Tower 2	G+18	G+18	No Change	Completed
Tower 3	G+18	G+18	No Change	Completed
Tower 4	G+22	G+22	No Change	Completed
Tower 5	G+20	G+20	No Change	Completed
Tower 6	G+18	G+18	No Change	Completed
Tower 7	G+32	G+32	No Change	Completed
Tower 8	G+26	G+26	No Change	Completed
Tower 9	G+18	G+18	No Change	Completed
Tower 10	G+25	G+25	No Change	Completed
Tower 11	G+29	G+33	Addition of 4 Floors	4th Floor structure completed
EWS	G+4	G+4	No Change	Partially completed

- That, Status of existing environment feature and completion schedule is as below:

Sr. No.	Particulars	Status	Schedule of Completion
1	STP	500 KLD capacity STP is installed at site	Completed
2	Rain Water Harvesting	17 No. of RWH pits are available at the site.	Remaining 7 nos. of RWH will be installed by June 2027.
3	Solar	40 kwp solar panel is installed at the site.	Addition 20 kWP solar will be installed by June 2027.
4	DG sets	3500 KVA (2*1500+1* 500 KVA) is installed at the site.	Remaining will be installed by June 2027.
5	OWC	500 kg/day capacity OWC is installed at site	Remaining 1000 kg /day (2x500 kg/day) will be installed by Dec 2026.
6	Green area	16125.803 sqm green area developed. 575 Nos. of trees already planted.	Block plantation 5658.05 sqm will be developed by Dec 2026.

- That, we have increased solar from 40 kWP to 60 kWP.
- That, Water supply, Storm water, Sewer discharge and Electricity permissions have been obtained. Copies are attached as **Annexure-3.**
- That, the project is on concept basis.
- That, Certified compliance Report from MoEF&CC has been obtained with vide file No. F. No.: 4-1196/2013/RO(NZ)/e File dated 10/01/2025. ATR has been submitted on 18.01.2025.
- That, Soil investigation report, Ground Water Quality has been carried out and submitted along with EIA report.

- That revised EMP budget is attached as **Annexure-4.**
- That, proposed green area of the project is 16125.80 sq m out of which 5658.05 sqm i.e. 10.5% of plot area under block plantation. Landscape plan is attached as **Annexure-5.**
- That, there is no litigation pending against the project.

PP also submitted EMP detail as following:

Table 2 – EMP Detail

ENVIRONMENT BUDGET (Operation Stage)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
RAIN WATER HARVESTING PITS	42	6.30
SOLID WASTE STORAGE BINS & COMPOSTER	17.00	11.22
HORTICULTURE DEVELOPMENT (TREE PLANTATION & LANDSCAPING) EXCLUDING LAWN AREA DEVELOPMENT	12	2.5
ENVIRONMENT MONITORING & 6 MONTHLY COMPLIANCES OF ENVIRONMENT CLEARANCE CONDITIONS		2.00
TOTAL	**71**	**22.02**

BUDGET OUTSIDE THE PROJECT SITE CER	
COMPONENT	**Capital Cost (in lacs)**
Adoption of school in nearby village	35

A detailed discussion was held on the documents submitted regarding License, Earlier EC, TDR, Plot Area, Built-Up Area, Floors, Towers, Comparative Statement, STP, RWH, Solar Power, Power, OWC, Green Area, Concept Basis, Concept Basis, Certified Compliance Report, ATR, Soil Investigation Report, Ground Water Quality, EMP Budget, Landscape Plan as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance for Expansion** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Consolidated Realtors Private Limited as per License No.53 of 2011 dated 10.06.2011, issued by Department of Town & Country Planning and its further Renewal issued vide Endst No.LC-1142-PA(SK)-2024/22537 dated 22.07.2024 (valid upto 09.06.2029)

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

A. Specific Conditions:-

1. **The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**

2. Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
3. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
4. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
5. The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
6. The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
7. Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
8. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time
9. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
10. Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
12. The PP shall not carry any construction above or below the Revenue Rasta, if any
13. The PP shall keep the ROW below the HT Line passing through the project, if any.
14. The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
15. Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
16. The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available.

The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency

17. The PP shall not give occupation or possession before the water supply, electricity and sewage connection permitted by the competent authority.
18. The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
20. The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
21. The PP may provide electric charging stations to facilitate electric vehicle commuters.
22. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
23. The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
24. The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
25. In the proposed landscape plan, native species shall be included as per the list of concerned DFO.
26. The minimum growth of trees should be 03 meters with sufficient canopy.
27. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
28. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
29. A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained and the existing trees will be counted for this purpose.
30. The species with heavy foliage, broad leaves and wide canopy cover are desirable.
31. Water intensive and/or invasive species should not be used for landscaping.
32. As proposed PP shall provide **16125.80 sqm** for green area development out of which **5658.05 sqm i.e. 10.5 %** of plot area under block plantation**.**
33. **24 Rain Water Harvesting Pits** shall be provided for ground water recharging as per the CGWB norms.
34. The PP shall increase **solar from 40 kWP to 60 kWP.**
35. The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
36. **The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in)**
37. **The PP shall get project electrification plan approved from the competent authority before operation of the project.**
38. The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard Conditions will be same as specified by the MoEF&CC.

311.03 EC for proposed Mining of Stone with 20,01,000 TPA production capacity over an area of 10.72 Ha. located at Village Amarpur Jorasi, Tehsil - Narnaul, District- Mahendragarh, State- Haryana by M/s RM Secure Services Private Limited

Project Proponent : Sh.Ankit Kumar
Consultant : Vardan EnviroNet

The Project Proponent submitted online Proposal No.SIA/HR/MIN/517080/2025 dated 16.01.2025 for obtaining **Environment Clearance** under Category 1(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,50,000/- vide DD No.004951 dated 05.04.2023 during submission for ToR. The ToR was granted to the project on 16.07.2024.

Table 1 – Basic Detail

<table>
<tr><td colspan="3">Name of the Project: Mining of Minor Mineral Stone with 20,01,0000 TPA (ROM) production capacity over an area 10.72 ha at village Amarpur Jorasi, Tehsil- Narnaul, District Mahendragarh and state Haryana proposed by M/s. RM Secure Services Private Limited</td></tr>
<tr><td>1.</td><td>Online Proposal Number</td><td>SIA/HR/MIN/517080/2025</td></tr>
<tr><td>2.</td><td>Name of the Project</td><td>Mining of Minor Mineral Stone with 20,01,0000 TPA (ROM) production capacity over an area 10.72 ha at village Amarpur Jorasi, Tehsil- Narnaul, District Mahendragarh and state Haryana proposed by M/s. RM Secure Services Private Limited.</td></tr>
<tr><td>3.</td><td>Nature & category of Mine</td><td>1(a) Mining of Minerals (Non-Coal Mining) Category B1</td></tr>
<tr><td>4.</td><td>Location of Project</td><td>Village Amarpur Jorasi, Tehsil- Narnaul, District Mahendragarh and state Haryana</td></tr>
<tr><td>5.</td><td>Toposheet No.</td><td>54A/1</td></tr>
<tr><td>6.</td><td>Area of the project</td><td>10.72 ha</td></tr>
<tr><td>7.</td><td>Date of LOI Granted by Mines & Geology Department, Haryana</td><td>20.07.2022 for a period of 10 years</td></tr>
<tr><td>8.</td><td>Date of Approval of TOR by MoEF&CC</td><td>16.07.2024</td></tr>
<tr><td>9.</td><td>Date of Approval of mine plan Granted by Mines & Geology Department, Haryana</td><td>20.06.2024</td></tr>
<tr><td>10.</td><td>Maximum Production Capacity</td><td>20,01,000 TPA</td></tr>
<tr><td>11.</td><td>Mineable Reserve</td><td>1,1,712,765 Tones</td></tr>
<tr><td>12.</td><td>Geographical co-ordinates</td><td><table><tr><th>Pillars</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>27°59’43.816”</td><td>76°03’57.303”</td></tr><tr><td>B</td><td>27°59’44.816”</td><td>76°04’0.503”</td></tr><tr><td>C</td><td>27°59’36.944”</td><td>76°04’4.145”</td></tr><tr><td>D</td><td>27°59’27.279”</td><td>76°03’52.163”</td></tr><tr><td>E</td><td>27°59’28.783”</td><td>76°03’51.295”</td></tr></table></td></tr>
<tr><td>13.</td><td>Elevation Range in the area</td><td>The site elevation of the project area is 350 mRL.</td></tr>
<tr><td>14.</td><td>Mining Method & Technology</td><td>The mining will be semi mechanized opencast with hydraulic machineries and tippers.</td></tr>
<tr><td>15.</td><td>Ultimate depth of Mining</td><td>296 mRL (Depth of workings up to conceptual period)</td></tr>
<tr><td>16.</td><td>Ground water level</td><td>The depth to the water table at the project site is 140 meters below ground level (mbgl)</td></tr>
</table>

17.	GWT intersection	Mining will not intersect ground water table, so there will be no effect on ground water table. The general ground water table in the area is 140m below the surface level of the lease area. Depth of working up to the conceptual period is 296 mRL. Therefore, ground water table will not be touched during first five years as well as the conceptual period of mining.
18.	Water Requirement	Total Water Requirement: 10 KLD Dust suppression: 4.5 KLD Domestic/Drinking: 3.5 KLD Green belt/Plantation: 2.0 KLD Source: Through tanker water supply from the nearby village controlled by the public health department of the State Govt.
19.	Project Cost	Rs. 16.5 Crore
20.	Source of water	The total water requirement for the mine lease is 10 KLD, which shall be met through tanker water supply from the nearby village controlled by the public health department of the State Govt.
21.	Environment Management Plan Budget	Capital Cost: Rs.90 Lakhs Recurring Cost: Rs.22 Lakhs per Annum
22.	CER Budget	Rs. 50 Lakhs
23.	Power Requirement	Electric power is available along the tar road and at nearby habitation. Required power for lighting arrangement will be made as per Regulation 146 of MMR 1961.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 31.01.2025 mentioning therein as under:

1. **Brief Note about the project:**

   That, the Letter of Intent has been issued to M/s RM Secure Services Private Limited by Director of Mines & Geology, State Govt. of Haryana, Chandigarh vide Memo No. DMG/HY/Amarpur Jorasi/MGR/2022/4654 dated 20.07.2022 for Mining of stone minor mineral at Village Amarpur Jorasi, Tehsil - Narnaul, District- Mahendragarh State-Haryana for a period of 10 years with effect from 20.07.2022 under MMD&R 1957.

   ToR was issued by SEIAA, Haryana vide identification no. TO23B0108HR5660195N dated 16.07.2024. On the basis of ToR, the draft EIA report has been prepared and submitted to HSPCB for Public Hearing on dated 23.07.2024.

   Thereafter, The Public Hearing was conducted on 30.12.2024 and the Final EIA was submitted to SEIAA, Haryana dated 16.01.2025 for Grant of Environment Clearance.

2. **Background of the project:**

   That, this mining site "Amarpur Jorasi Stone Mine" was initially allotted to M/s Muneer Enterprises on 03.01.2014 for tenure of 10 years. Environmental Clearance (EC) for mining over 10.72 hectares was obtained from SEIAA, Haryana, on 24.01.2015. Consent to Operate (CTO) was granted by HSPCB on 04.01.2016, and mining operations commenced on 01.02.2016. The mining lease was terminated by the Mines & Geology Department, Haryana, due to non-payment of government dues. After which we participated in the fresh auction dated 06.06.2022 conducted by the Mines & Geology Department, Haryana and were allotted the mine after being declared the highest bidder. Accordingly, The Letter of Intent has been issued to M/s RM Secure Services Private Limited by Director of Mines &

Geology, State Govt. of Haryana, Chandigarh vide Memo No. DMG/HY/Amarpur Jorasi/MGR/2022/4654 dated 20.07.2022 for a period of 10 years with effect from 20.07.2022 under MMD&R 1957.

3. That, the M/s RM Secure Services Private Limited has obtained the fresh Mining Plan including Progressive Mine Closure Plan has been approved by Directorate of Mines & Geology Panchkula, Haryana vide letter no. DMG/HY/MP/Amarpur Jorasi/2024/2991 Panchkula dated 20.06.2024 for a production capacity of 20,01,000 TPA.
4. That, The District Survey report for the District Mahendragarh has been approved by Deputy Commissioner, Mahendragarh vide letter no. 6965 dated 07.02.2023 and the mining site is in accordance with the village mentioned in DSR and as per the LoI Issued by the Mines & Geology Department, Haryana.
5. That, the demarcation of land was done on dated 09.01.2025 by the Patwari and official from Forest Department, Narnaul, Mahendragarh.
6. That, the mining operation will be carried out strictly within the allotted lease area.
7. That, in addition to greenbelt development, plantation will also be undertaken on 2.5 hectares, with indigenous and fruit bearing plants, of land in nearby villages, as allotted by the Gram Panchayat.
8. That, the detail about proper benching, process of mining and precautions measures with year-wise production plan during the mining operation is attached as **Annexure – I.**
9. That, the total EMP Budget for the proposed project is ₹200/- Lakhs, out of which ₹20/- Lakhs will be earmarked for Aravali Green and Aravali Safari.
10. That, we have submitted the Wildlife Conservation Plan for approval and mining operation will start only after approval of the wildlife conservation plan.
11. That, there is no involvement of forest land in the proposed project.
12. That, we will construct septic tank of appropriate capacity to treat domestic waste water.
13. That, the revised EMP and public hearing budget is attached as **Annexure – II.**
14. That, the total cost of the project is Rs.16.5 Crores, and CA certificate in this regard is attached as **Annexure - III.**
15. That there are no litigations cases pending against the project.
16. That there is no Revenue Rasta, HT Line, and trees present within the project site and at present the mine is not operational, as this is a Greenfield project.
17. That, no Wildlife Sanctuaries or Notified Protected Areas fall within the 10 km radius of the project site. Asola Wildlife Sanctuary and Sultanpur National Park lie at about 17.50 km (NE) and 95 km (NE) from the project site respectively.
18. That the declaration made above is true to the best of my knowledge.

Table 2 – EMP Detail

S. No.	Particulars	Capital Cost (In Lakh)	Recurring Cost (In Lakhs/Annum)
1.	Air Pollution Control Measures	15	5
2.	Noise Pollution Control Measures	7	3
3.	Greenbelt Development	24	8
4.	Construction of Garland Drain & Settling Pond	8	3
5.	Rain Water Harvesting	9	1
6.	Fire Fighting and Safety Measures	4	1
7.	Road Maintenance	3	1
8.	Aravali Green and Aravali Safari	20	-
Total		**90**	**22**

The total EMP Budget is summarized below:

Sl. No.	Particulars	Total Cost (₹ in Lakhs)
1.	EMP Budget (Capital Cost) (Including Aravali Green and Aravali Safari-outside lease area)	90
2.	EMP Budget (Recurring Cost /Per Year)	22
Total EMP Budget for Five Years		**200**

Proposed Production Plan:

Year	ROM in Cu. Meter	Mineral in Tones (In Nearest Tens)
1st Year	591000	14,77,500
2nd Year	800400	20,01,000
3rd Year	800400	20,01,000
4th Year	800400	20,01,000
5th Year	800400	20,01,000
Total	**37,92,600**	**94,81,500**

Major Mining Equipment

S. No	Machineries	Capacity	Unit
1.	Excavator	135 HP	5
2.	Drill Machines	D-35	5
3.	Compressor	160 HP	2
4.	Dumpers Ashok Ley Land	50 Tons	12
5.	Water Tanker	5000 liters	1
6.	Fogger	1	1
7.	Service Van	1	1
8.	Jeep	1	1
9.	Pumps	40 HP	1

The Committee thoroughly discussed the documents submitted by the Mines & Geology Department, details, LoI, Mining Plan, DSR, contents of affidavit and documents submitted by the PP at length. The PP has proposed rate of production as **20,01,000 TPA** in District **Mahendragarh**, Haryana.

The Committee during discussion asked the PP and the consultant to clarify the status of District Survey Report to which the PP replied that the DSR has been approved by Mining Officer, Mahendergarh. The copy of DSR was circulated among the Members present in the meeting as well as to representatives from Mining & Geology Department. Sh. Sanjay Simberwal, ME, representative from the Mines & Geology Department, Haryana who was also present during the meeting has also authenticated the documents issued by Mining Department. He further submitted that the

Restoration and Rehabilitation Fund deposited by the previous Contractor, will also be utilised on this mining at the time of closure of the mine.

The PP and consultant requested the committee that STP is not feasible at the mining site hence a proper septic tank will be developed of appropriate capacity to treat the waste generated. Committee accepted the request for the PP/consultant and of PP asked PP to submit an affidavit for installation of proper septic tank of appropriate capacity as well.

After deliberations the Committee was of the unanimous view to recommend the case to SEIAA for granting Environmental Clearance under Category B1, 1(a) **till the validity of Mining Plan** for **Mining of Minor Mineral Stone with 20,01,0000 TPA (ROM) production capacity over an area 10.72 ha at Village Amarpur Jorasi, Tehsil Narnaul, District Mahendragarh and State Haryana** under EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India to:-

M/s RM Secure Serviced Private Limited, as per Letter of Intent issued vide Memo No.DMG/HY/Amarpur Jorasi/MGR/2022/4654 dated 20.07.2022 by DG, Mines & Geology, Haryana.

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

A: Specific conditions

1. The Environmental Clearance is granted subject to the Final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of India and any other court of law, if any as applicable to this project.
2. The PP shall construct the pucca link roads to the mining site before the start of mining.
3. The PP shall prepare the Mine safety plan and get it approved from the competent authority before the start of mining
4. The Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers.
5. Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The Project Proponent shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.
6. Likewise, Alteration or re-routing of foot paths, pagdandies, cart roads, and village infrastructure public utilities or roads (for purposes of land acquisition for mining) shall be avoided to the extent possible and in case such acquisition is inevitable, alternative arrangements shall be made first and then only the area acquired. In these types of cases, inspection Reports by site visit by experts may be insisted upon which should be done through reputed institutes.
7. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio

Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.

8. The PP shall ensure that the amount as earmarked in EMP Budget for Development and Maintenance of Haulage Route as demanded by the locals during the Public Hearing be spent.
9. The EMP cost on Socio Economic Activities shall be used at the project site and EMP recurring for the project shall be spent throughout the operation of the project.
10. Socio Economic Development of the neighbourhood Habitats could be planned and executed by the Project Proponent more systematically based on the 'Need based door to door survey' by established Social Institutes/Workers. The report shall be submitted to the SEIAA on six monthly bases.
11. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tank, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.
12. Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented
13. An independent study be organized during peak activity, to understand how the actual compare with the carrying capacities and further decisions taken to maintain sustainability of this essential stone extraction and supply activity. Project Proponent shall ensure that the road may not be damaged due to transportation of stone.
14. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project.
15. No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
16. Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The PP shall complete all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing.
17. The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. In case of working below ground water table, prior approval of the Ministry of Environment, forest and Climate Change and Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out; The Report on six monthly basis on changes in Ground water level and quality shall be submitted to the Regional Office of the Ministry.
18. The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also be done regularly Vehicles with PUCC only will be allowed to ply. The mineral transportation shall be carried out through covered trucks only and the

vehicles carrying the mineral shall not be overloaded. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centres.

19. There shall be planning, developing and implementing facility of rainwater harvesting measures on long terms basis in consultation with Regional Director, Central Groundwater Board and implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.
20. Where ever blasting is undertaken as part of mining activity, the Project Proponent shall carry out vibration studies well before approaching any such habitats or other buildings, to evaluate the zone of influence and impact of blasting on the neighbourhood. Within 500 meters of such sites vulnerable to blasting vibrations avoidance of use of explosives and adoption of alternative means of mineral extraction, such as ripper/dozer combination/rock breakers/surface miners etc. should be seriously considered and practiced wherever practicable. A provision for monitoring of each blast should be made so that the impact of blasting on nearby habitation and dwelling units could be ascertained. The covenant of lease deed under Rule 31 of MCR 1960 provides that no mining operations shall be carried out within 50 meters of public works such as public roads and buildings or inhabited sites except with the prior permission from the competent authority
21. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of work.
22. Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
23. The PP shall take precautions to suppress the dust in and around the mining site and use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
24. Implementation of Haryana Government Rehabilitation and Resettlement of Land Owners' Policy as per applicability in the area shall be ensured.
25. Implementation of Environment Management Policy of the Company w.r.t. judicious use of Mineral resources for growth & development synchronizing mining & environment with prosperity shall be ensured.
26. The Project Proponent shall also take all precautionary measures during mining operation for conservation and protection of endangered flora/fauna, if any, spotted in the study area.
27. The illumination and sound at night at project site, disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. Project Proponent must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.
28. A comprehensive study for slope stabilization of mine benches and OB dumps shall be undertaken within one year.
29. The PP shall manage the overburden at the mining site if left after sale.
30. Washing of all transport vehicles should be done inside the mining lease.
31. The PP shall create environment division unit in the project for implementing the conditions of Environment clearance.

32. The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project if any and also obtained the CTO from HSPCB after the approval from CGWA
33. Any change in stipulations of EC of the approved mining plan will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance
34. The PP shall adhere to the approved mining plan and approved closure plan by the competent authority.
35. **The PP shall get the Wildlife Conservation Plan approved from competent authority before start of Mining Operations.**
36. **The PP shall undertake plantation on 2.5 hectares in addition to greenbelt development, with indigenous and fruit bearing plants, of land in nearby villages, as allotted by the Gram Panchayat.**
37. **The PP shall construct septic tank of appropriate capacity to treat domestic waste water.**

Standard Conditions will be same as specified by the MoEF&CC.

311.04 EC for proposed IT/Information Technology Enable Services (SEZ) at Village Gwal Pahari, Tehsil Wazirabad, District Gurugram 122003, Haryana by M/s ASF Insignia SEZ Pvt. Ltd.

Project Proponent : Sh. Ashok Chauhan
Consultant : Vardan EnviroNet

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/517687/2025 dated 16.01.2025 for obtaining **Environment Clearance** under Category 8(b) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No.511837 dated 03.08.2024 during submission for ToR. The ToR was granted to the project on 23.08.2024.

Table 1 – Basic Detail

Name of the Project: IT/ITeS Campus at Village – Gwal Pahari, Tehsil – Wazirabad, District Gurugram 122003, Haryana being developed by M/s ASF Insignia SEZ Pvt. Ltd.		
Sr. No.	**Particulars**	**Details**
1.	Online Proposal Number	SIA/HR/INFRA2/517687/2025
2.	Category of project	8 (b) "Building & Construction Projects"
3.	Latitude	28° 26' 12.105" N
4.	Longitude	77° 8' 50.061" E
5.	Plot Area	1,92,994.58 m^2
6.	Proposed FAR	4,46,743.18 m^2
7.	Non FAR Area	3,43,644.60 m^2
8.	Total Built Up area	7,90,387.78 m^2
9.	Total Green Area with %	67,837.59 (35.15%)
10.	Rain Water Harvesting Pits (with size)	40 RWH Pit are proposed 21 RWH Pit are operational
11.	STP Capacity	2,300 KLD
12.	Total Parking	10,738

13.	Organic Waste Converter		Total 5 OWC of (1x1350 kg/day, 1x800 kg/day, 1x1000 kg/day, 1x600, 1x450 kg/day)
14.	Maximum Height of the Building (m)		90 meter Max.
15.	Power Requirement		32 MVA
16.	Power Backup		10 nos of 2000 KVA totaling 20000 KVA installed in operational Phase for Backup power. Remaining to be provided
17.	Population		38,096
18.	Total Water Requirement		2,955 KLD
19.	Fresh Water Requirement		1,061 KLD
20.	Treated Water		1,894 KLD
21.	Total Waste Water Generated		1,994 KLD
22.	Total Solid Waste Generated		8,300 kg/day
23.	Biodegradable Waste		3,424 kg/day
24.	Non-Biodegradable Waste		4,916 kg/day
25.	Basement		3
26.	Total no. of towers		18
27.	R+U Value of Material used (Glass)		U Value: 5.5 w/sqm.k SHGC: 0.9
28.	Total Cost of the project:	i) Land Cost ii) Construction Cost	Rs. 3625 Crore
29.	CER		50 Lakhs
30.	EMP Budget		Total EMP Budget: 229 Lakhs Capital Cost: 125 Lakhs Recurring Cost: 104 Lakhs
31.	Incremental Load in respect of:	i) PM 10	0.17422
		ii) PM 2.5	0.10899
		iii) SO_2	0.43555
		iv) NO_2	0.5444
		v) CO	0.0000029
32.	Construction Phase:	i) Power Back-up	Temporary electrical connection of 19 KW & 01 DG of 125 KVA
		ii) Water Requirement & Source	Fresh Water – 20 KLD for drinking & sanitation. Source: Fresh water – GMDA Construction Water – GMDA
		iii) STP (Modular)	1 Nos
		iv) Anti-Smoke Gun	01 Nos of Anti-smoke gun

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations

to which PP submitted reply dated 30.01.2025 alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, the project having total land area of 47.698 Acres (1,92,994.58 m2) was notified as an IT/ITES SEZ under the SEZ Act vide notification no. S.O 2143(E) dated 17.12.2007 & notification no. S.O 2098 (E) dated 27.08.2010 issued by Ministry of Commerce and Industry of Government of India.
- That, earlier the project had been granted Environmental Clearance for above mentioned project from SEIAA, Haryana vide file No. SEIAA/HR/2022/331 dated 21.02.2014 followed by it's amendment through file No. SEIAAHR/2019/201 dated 22.07.2019. Further, EC was amended for waste water generated and STP capacity though file No. SEIAA(125)/HR/2021/254 dated 04.03.2021.
- That, The EC is granted for total built-up area of 7,92,209.65 m2 and plot area 1,92,994.58 m2 (47.698 Acres). There is no change in approved Built-up area and proposed Built-up area.
- That, validity of existing environmental clearance was extended by another 3 years through memo No. SEIAA/HR/2021/465 dated 11.05.2021 and has expired in August 2024.
- Now, we are applying for fresh EC Application as the earlier granted EC with total built–up area of 7,90,387.78 m2 over plot area of 1,92,994.58 m2 (47.698 Acres) has expired.
- That, the project has also received approved Zoning Plan from DTCP vide Drawing No. DG.TCP 2777 dated 14.09.2011.
- That, the project could not be completed within the stipulated timeframe due to outbreak of Corona/ Covid 19 pandemic and sluggish market conditions which immensely impacted fresh uptake of leased spaces and rather leased spaces started getting de-leased thereby leaving us with no chance but to slow down construction activities. Now that market is showing signs of recovery, we intend restarting the works and complete them in time bound manner.That, the comparative chart with Earlier EC is attached as ***Annexure-1(a)***.
- That, a total of 35.15% of plot area will be dedicated towards green belt development, out of which 23,163 m2 (12% of total plot area) is dedicated towards block plantation and balance is dedicated towards periphery, avenue plantation and lawn development. Green area details along with proposed name, distance, timeline and number of species is ***Annexure-1(b)***.

- That, Total 5 OWC of capacity (1x1350 kg/day, 1x800 kg/day, 1x1000 kg/day, 1x600, 1x450 kg/day) are proposed for the project.
- That, Part Building Plan is approved from Deputy Development Commissioner, Noida Special Economic Zone, Ministry of Commerce & Industry dated 05/01/2023.
- That, STP capacity of 2300 KLD was proposed in earlier EC and same capacity will be sufficient as per the present water load calculations. Around 70 KLD of Fresh Water requirement is excess as compared to earlier EC granted and same will be treated in the proposed STP of 2300 KLD capacity.
- That, CCR is received from MoEF&CC vide File No. 4-1361/2024/RO(NZ)/eFile dated 09.01.2025 and ATR reply for the same was submitted vide dated 13.01.2025.Copy of CCR and ATR Reply is attached as ***Annexure-1(c).***
- That, a total of 21 Rain Water Harvesting Pits are constructed out of 40 Rain Water Harvesting Pits and the balance will be constructed after construction recommences at site.
- That, groundwater from eight tubewells shall be exclusively used for drinking and domestic purpose only and not for construction or any other purposes. Copy of the same is attached as ***Annexure-1(d).***
- That, Material litigation pending in regard to Project/Land measuring 6.46 Acres, no HT line is passing through the project.
- That, Sultanpur National Park and Asola Bhatti Wildlife Sanctuary is at a distance of approx. 24.4 km in WNW direction and approx. 0.8 km in ESE direction respectively.
- That, the project is partially constructed and remaining part will be constructed after grant of Environmental Clearance.
- That, OC is obtained for 66 KV substation, Energy Centre, Housing Towers (1 no comprising Towers A,B & C), Building B2, BMS Building, , Building B3 and Amenity Podium
- That, we have received Forest NOC from Deputy Conservator of Forest vide letter No. 1627-G dated 05.03.2010, copy of power assurance and sanctioned load as received from DHBVN vide Memo No.Ch-473/SE/R-APDRP/OLNC-HT/GGN-II/EP-141 dated 05.09.2022,water assurance as received from GMDA dated 04.12.2024,sewer assurance as received from GMDA, dated 03.12.2024 vide Memo No. GMDA/SEW/2024/635.
- That, AAI NOC is received from AAI through NOC ID: PALM/NORTH/B/021517/197113 dated 15.02.2017.

PP submitted ATR points as following:

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
PART – A <u>SPECIFIC CONDITIONS</u>				
1.	Storm water control and its reuse as per CGWB and BIS standards for various applications should be ensured	Partially Complied: For complete project, 40 nos of RWH pits are envisaged. Out of which 21 nos of RWH pits are operational.	For operational buildings we have 21 no of RWH pits which are operational. For our under construction project storm water goes to our box channel, linked drains having recharge pits. Remaining 19 nos of RWH pits will be constructed once we recommence construction activities at project.	PP has submitted the details of RWH pits. Thus, PP has complied with this condition.
2.	The approval of the competent authority shall be obtained for structural safety of the building due to earthquake, adequacy of firefighting equipment's, etc. as per National Building Code including protection measures from lightening etc. If any Forest Conservation Act shall be taken from Competent Authority.	Partially Complied: The buildings already operational and the PP stated that buildings were constructed after taking all the required approvals as per NBC and meet structural stability as per seismic zone. Firefighting, lightening protection and other safety requirements have been deployed. However, the PP has not submitted the structural safety certificate and approval for the adequacy of firefighting equipment's, etc..	Structural Stability certificate attached as Annexure - 1. Copy of Fire NOC attached at Annexure 2. Fire NOC is granted post required Fire fighting equipment are installed and operational.	PP has submitted the copy of structure stability certificate and Fire NOC. Thus, PP has complied with this condition.
3.	Overexploited ground water and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency/ savings measures as well as water reuse/ recycling within 3	Partially Complied: To conserve water demand for the project, STPs are provided and the water is being treated to tertiary stage and the water is being used for flushing, landscaping and for construction activities. However, the PP has not submitted the water and energy conservation plan for the project.	We have attached a report hightlighting features of Water & energy conservation measures which we have implemented in our projects. In our earlier submission of compliance status dated 12.12.2024 we had attached detailed energy Audit report carried out by certified Energy Auditors. Water & energy conservation Plan attached as Annexure - 3.	PP has Water & energy conservation measures. Thus, PP has complied with this condition.

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
	month and before start of construction to the SEIAA, Haryana and RO, MoEF, GOI, Chandigarh			
4.	The project proponent as stated in the proposal shall construct 40 rain water harvesting pits for recharging the ground water within the project premises. RWH pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for Maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit.	Not Complied: 21 Nos of Rain Water Harvesting pits has been designed and constructed in accordance with the approved plans. The PP has been directed to construct the remaining rain water harvesting pits.	40 Nos of RWH pits are planned for entire project. Currently B2, B3, IDR towers are operational and accordingly, 21 nos of RWH pits are installed and all are operational. We will make more RWH pits commensurate with completion of future buildings/infrastructure. Please consider this condition as complied.	PP has submitted the details of RWH pits. Thus, PP has complied with this condition.
5.	The project proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction	Not Complied: The PP has not submitted the affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.	Although construction is not going on presently however, we had submitted the affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction. Based on our declaration and Affidavit, CGWA granted us Borewell approval. Copy of Affidavit attached as Annexure - 4	PP has submitted the detailed affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction. Thus, PP has complied with this condition.
6.	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	Not Complied: The PP stated that necessary permission were taken to cut the tree, however, the PP has not submitted the copy of the approval.	Very few numbers of trees were cut and few were transplanted. Both cutting and transplanting were carried out after due approval from forest department, the same is attached as Annexure - 5. As was seen during inspection, we have done	PP has submitted the copy of approval from forest department for both cutting and transplanting were carried out.

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
			extensive landscaping at our project	Thus, PP has complied with this condition.
7.	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	Not Complied: Sedimentation basin was not constructed at the site.	At present no construction activities are happening at project site. Sedimentation Basin will be constructed at site when construction is started.	PP has complied with this condition.
8.	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	Not Complied. The PP has not submitted the copy of the permission of Mines and Geology Department for excavation of soil before the start of construction.	Copy of the permission of Mines and Geology Department for excavation of soil is attached as Annexure - 6	PP has submitted the copy of the permission of Mines and Geology Department for excavation of soil. Thus, PP has complied with this condition.
9.	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	Not Complied: The PP has not submitted the structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	Structural Stability certificate already attached as Annexure - 1	PP has submitted the copy of structure stability certificate and Fire NOC.
B. Operational Phase				
10.	Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre- treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore will for rainwater recharging shall be kept at least	Partially Complied	RWH Pits are designed as per CGWA design and were constructed by CGWA aauthorized vendor. RWH Pits are constructed with Desilting Chamber to remove suspended matter, oil and grease. Pics of the same is attached as Annexure - 7.	PP has submitted the details of RWH pits. Thus, PP has complied with this condition.

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
	5 mts, above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid Rain water harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic material or which can contaminate rain water. Wire mess and filters should be used wherever required.	Rain water pits are constructed as per the design of the competent authorities. Rain water harvesting for roof run-off and surface run-off has not been implemented.		
11.	The ground water level and its quality should monitor regularly in consolation with Central Ground Water Authority.	Partially Complied. The PP stated that Ground water level and its quality are being monitored at regular intervals. Reports on water level and quality are being sent to the competent authorities on regular basis. However, the report of the ground water monitoring has not been submitted by the PP during the field inspection.	Latest Ground water monitoring report attached as Annexure - 8	PP has submitted the latest ground water monitoring report. Thus, PP has complied with this condition.
12.	Water supply shall be metered among different users and different utilities.	Partially Complied: Flow meters provided at various outlets. However, the PP has not submitted the water balance sheet for the verification.	Water Balance sheet attached as Annexure - 9	PP has complied with this condition.

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
13.	STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 months, the project proponent shall conduct environmental audit and shall take corrective measure, if required without delay.	Not Complied: The PP was directed to submit the environment parameters monitoring data and green belt monitoring data to MoEF & CC, RO Chandigarh.	The environment parameters monitoring report are submitted along with six monthly compliance report to MOEF & CC on regular basis and latest is attached as Annexure - 10	PP has complied with this condition.
14.	All other statutory clearance such as the approvals for storage of diesel from Chief Controller of Explosive, Fire Department, Civil Aviation Department, Forest Conservation Act , 1980 and Wildlife (Protection) Act, 1972 PLPA, 1900, Forest Act 1927 etc shall be obtained, as applicable by project proponent from the respective authorities prior to construction of the project	Not Complied: The PP has not submitted the approvals for storage of diesel from Chief Controller of Explosive, Fire Department, Civil Aviation Department.	Approvals for storage of diesel from Chief Controller of Explosive attached as Annexure 11, Fire Department NOC's already attached as Annexure - 2, Civil Aviation Department as Annexure - 12.	PP has obtained approval for storage of diesel from Chief Controller of Explosive. Thus, PP has complied with this condition.
15.	The project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the state pollution control board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and copy of the same should be	Partially Complied: The PP has informed the public that the project has been accorded Environment Clearance. However, documentary proof and newspaper cutting has not submitted by the PP.	We had informed the public that the project has been accorded Environment Clearance and documentary proof as newspaper cutting is attached as Annexure - 13	PP has complied with this condition.

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
	forwarded to SEIAA Haryana. A copy of Environmental Clearance conditions shall also be put on project proponent's web site for public awareness.			
16.	The fund ear-marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/RO MoEF GOI under rules prescribed for Environment audit.	Not Complied: The PP has not submitted the expenditure details for measures adopted and fund ear marked for environment protections.	The expenditure details for measures adopted and fund ear marked for environment protections is attached as Annexure - 14.	PP has complied with this condition.
17.	The project proponent shall ensure the compliance of Forest Department, Haryana Notification no. S.O.121/PA2/1900/S.4/97 dated 28.11.1997	Not Complied: The PP has not submitted the details/clarification/NOC from the local forest department for the tree cutting etc.,	The details/clarification/NOC from the local forest department for the tree cutting is attached as Annexure - 4	PP has submitted the copy of approval from forest department for both cutting and transplanting were carried out. Thus, PP has complied with this condition.
18.	The project proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid "Pollution Under Control" certificate from competent authority.	Not Complied: No construction was carryout during the inspection. However, the PP has not submitted the valid "Pollution Under Control" Certificate from competent authority.	As no construction activities are currently happening, PUC certificate not applicable. For Operational phase, only vehicles having PUC certificate are allowed to enter. Copies of few vehicles are attached as Annexure 15	PP has complied with this condition.

S.No	Conditions of Environment Clearance	Compliance Status	Action Taken Report (ATR) on Non-compliance remarks of MOEFCC	SEAC Reply
19.	The project proponent shall conduct environment audit at every three months interval and thereafter corrected measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in monitoring report.	Not Complied The PP has not submitted the report of Environmental audit which was conducted every quarter by an accredited agency.	The report of Environmental audit which was conducted by an accredited agency is attached as Annexure - 16	PP has complied with this condition.

PP further submitted EMP details as following:

Table 2.1 EMP incurred till date

S No	Description	Capital Cost (in lakhs)	Operation & Maintenance cost(per annum)	No. of Years of Operation	Total Amount incurred (in lakhs)
1	STP B-2	181	27.21	10	272.14
2	STP B-3	250	25.16	10	251.56
3	IDR STP	17	10.41	10	104.08
4	Rainwater harvesting Pits (RWH)	85	1.96	10	19.60
5	Greenbelt development/landscaping	300	22.51	10	225.14
6	Environmental monitoring cost, Quarterly audit of STPs and Environmental Audit	-	9.36	10	93.60
7	Dust mitigation measures including Barricading, water sprinkling, anti-smog gun	15	0.33	10	3.30
8	Medical cum First Aid facility (providing medical room & Doctor + Staff)		24.54	10	245.37
9	PPE for workers & Health Care		1	10	10.00
10	Dust Bins		1	10	10.00
11	Retrofit Emission Control Device (RECD) on DG Set	30	0.35	0	-
12	Sweeping Machine		5	10	50.00
13	Other Environmental Activities under CSR				
1	STP for neighbouring village (Mandi)	281	29.39	10	293.92

2	Environmental monitoring cost		0.29	10	2.85
3	Khasra No 70.(Cremation Ground)	71			
14	To be Proposed				
1	OWC Proposed	80			
15	Retrofit Emission Control Device (RECD) on 2nd DG Set	30	0.35		
16	B-1 STP	500	50.00		
	Total	1,839			1,582 lakhs

Table 2.2 Proposed EMP Budget

During Construction Phase			**During Operational Phase**		
Description	**Capital Cost (In Lakhs)**	**Recurring Cost (In Lakhs /Year)**	**Description**	**Capital Cost (in Lakhs)**	**Recurring Cost (In Lakhs /Year)**
Sanitation and Wastewater Management (Modular STP)	0.00	5.00	Waste Water Management (Sewage Treatment Plant/Effluent Treatment Plant)	0.00	15.00
Garbage & Debris disposal	5.00	10.00	Solid Waste Management (Dust bins & OWC of capacity-4000kg/day)	0.00	20.00
Tree Plantation	15.00	10.00	Tree Plantation	15.00	5.00
Air, Noise, Soil, Water Monitoring	0.00	5.00	Monitoring for Air, Water, Noise & Soil	5.00	2.00
Rainwater harvesting system	20.00	10.00	Rainwater harvesting system	5.00	10.00
Dust Mitigation Measures Including site barricading, water sprinkling and anti-smog gun)	5.00	2.00	Stack height including DG Sets and acoustics	5.00	10.00

Table 2.3 EMP Budget outside the Project Site (CER)

Particular	**Amount**
CER Activities	
Govt. School	50.00

Table 2.4 Total EMP budget

Component	Capital Cost (INR Lakh)	Recurring Cost (INR Lakh/Yr)
During Construction Phase.	45.00	42.00
During Operation Phase	30.00	62.00
Budget for nearby Government School	50.00	0.00

Total	125.00	104.00

A detailed discussion was held on the documents submitted regarding land area, built-up area, comparative chart, building plan, RWH, CCR, ATR, litigation, HT line, revenue rasta, WLS, previous EC, existing tree, construction status, plot area details, details of OWC, status of pending court cases, STP capacity, Green Area, ground water use, details of change in water calculation, EMP, ground water quality, Percolation Data, Electrification Plan, Block Plantation, Fire NOC as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s ASF Insignia Sez Pvt. Ltd. as per the notifications issued by Ministry of Commerce and Industry (Department of Commerce), GoI dated 17.12.2007, 27.08.2010 & 23.02.2024 and further, Certificate of Name change dated 09.02.2012 issued by Registrars of Companies.

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

1. Specific conditions:-

1) Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled/reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
2) The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
3) The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
4) The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
5) Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate

area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.

6) Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time
7) The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
8) The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon foot print. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used
9) The PP shall install electric charging points for charging of electric vehicles.
10) Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11) The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightening etc.
12) That Project Proponent shall ensure that Revenue Rasta shall not be obstructed or transgressed to hamper the public movement in any way. Meaning thereby, Revenue Rasta shall remain open & accessible to public as existed earlier. Any attempt to obstruct/divert the Revenue Rasta, shall invite stern action as deemed appropriate from the Competent Authority.
13) The PP shall not carry any construction below the HT Line passing through the project, if any.
14) The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
15) Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
16) The PP shall not give occupation or possession before the water supply, sewage connection and electricity connection permitted by the competent authority.
17) The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
18) The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19) The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
20) The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
21) The PP may provide electric charging stations to facilitate electric vehicle commuters.
22) The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.

23) Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
24) The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
25) The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
26) As proposed, the PP shall provide **67,837.59 (35.15% of plot area)** for green area development**.** Out of which **23,163 m2 (12% of total plot area)** shall be dedicated towards block plantation and balance is dedicated towards periphery, avenue plantation and lawn development
27) **40 Rain Water Collection pits** shall be provided for storage of rain water**.**
28) The PP shall install **Solar Power as per HAREDA norms.**
29) The PP shall install required number of **Anti-Smog Gun** at the project site as per the requirement of HSPCB.
30) **The PP shall get project electrification plan approved from the competent authority before operation of the project.**
31) The PP shall carry out **plantation of saplings** in the proposed green area as a part of the **tree plantation campaign "Ek Ped Maa Ke Naam"** and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in)
32) The PP shall register themselves on https://dustapphspcb.comportal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard Conditions will be same as specified by the MoEF&CC.

311.05 EC for proposed Integrated Municipal Solid Waste Management Facility for Bhiwani Cluster (Bawani Khera, Bhiwani, Charki Dadri and Loharu) Area 24 acre, capacity 300 TPD at Bhiwani district by M/s Shree Shyam Waste Management Private Limited

Project Proponent : Sh.Virender Singh
Consultant : Natureanalytica Envirocare Solutions Pvt. Ltd.

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/518939/2025 dated 18.01.2025 for obtaining **Environment Clearance** under Category 7(i) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,50,000/- vide DD No.032796 dated 18.09.2023 during submission for ToR. The ToR was granted to the project on 04.10.2023.

Table 1 – Basic Detail

Name of the Project: EC for proposed Integrated Municipal Solid Waste Management Facility for Bhiwani Cluster (Bawani Khera, Bhiwani, Charki Dadri and Loharu) Area 24 acre, capacity 300 TPD at Bhiwani district by M/s Shree Shyam Waste Management Private Limited			
Sr. No.	**Particulars**		
1.	Online Proposal Number		**SIA/HR/INFRA2/518939/2025**
2.	**Pillar No.**	**Latitude**	**Longitude**
	A.	28°46'50.30"N	76° 7'28.22"E

	B.	28°46'44.87"N	76° 7'25.05"E
	C.	28°46'54.02"N	76° 7'24.16"E
	D.	28°46'54.27"N	76° 7'25.06"E
	E.	28°46'57.05"N	76° 7'24.88"E
	F.	28°46'56.82"N	76° 7'32.80"E
	G.	28°46'44.98"N	76° 7'33.01"E
3.	Plot Area		24 acre or 97124.6sq. m.
4.	Total Green Area with %		8 acre (33.33% of total project site)
5.	Rain Water Harvesting Pits (with size)		Not Applicable
6.	STP Capacity		Leachate treatment plant of capacity (10 KLD) will be installed and excess leachate will be treat in it after treatment it will again use in process Leachate Treatment & Management at site through LTP. Sewage treatment plant (10 KLD) will be installed for treat sewage and after treatment balance water will be used for green belt development and dust suppression
7.	Power Requirement		150 KVA from state electricity board
8.	Power Backup		In case of emergency a backup generator will also be provided of 250 KVA
9.	Total Water Requirement		27 KLD
10.	Domestic Water Requirement		12 KLD
11.	Solid Waste Generated		1.07 lakh m-ton of legacy waste has been processed against 1.14 lakh m-ton, and the volume of legacy waste Approx.-80231.31 m-ton, is lying across site which will be remediated in upcoming 09 to 12 months on grant of EC by contractor under expert supervision. 264.64 TPD waste will be generate from Bhiwani cluster.
12.	Total Cost of the project	Land Cost	INR 61.66 Crores
		Construction Cost	
13.	EMP Budget (per year)	Capital Cost	INR 239.2 Lakh
		Recurring Cost	INR 60 Lakh/ year
14.	Construction Phase:	Power Back-up	1 D.G set of 50 KVA
		Water Requirement & Source	8 KLD from PHED supply
		STP (Modular)	Leachate treatment plant of capacity (10 KLD) will be installed and excess leachate will be treat in it after treatment it will again use in process Leachate Treatment & Management at site through LTP. Sewage treatment plant (10 KLD) will be installed for treat sewage and after treatment balance water will be used for green belt development and dust suppression

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

1. I, Executive Officer, on behalf of Municipal Council Bhiwani. Haryana declared that:-
2. We have applied the application for obtaining the EC for the Proposed Integrated Municipal Solid Waste Management Facility for Bhiwani Cluster (Bawani Khera, Bhiwani, Charki Dadri, Loharu), Bhiwani, Haryana
3. The proposed project is categorized under Item "7(i) Common Municipal Solid Waste Management Facility (CMSWMF)" as per the EIA Notification, dated September 14, 2006 issued by Ministry of Environment Forest & Climate Change (MoEF&CC), New Delhi.
4. Total area of the proposed project is 24 Acres. The project will be developed by M/s Shree Shyam Waste Management Private Limited. As per land lease agreement 24 Acre land has been allotted to M/S Shree Shyam Waste Management Private Limited by Municipal Council Bhiwani.
5. Proposed Integrated Municipal Solid Waste Management Facility (IMSWMF) with total processing capacity of 300TPD MSW (Aerobic Compost Plant-135TPD + RDF Processing Plant– 165 TPD and Sanitary landfill area 10000 Sqmt) of 24 acres for Bhiwani Cluster (Bawani Khera, Bhiwani, Charkhi Dadri and Loharu) at Bhiwani , Haryana.
6. Landfill development is planned in for 19 years that is for period 2023 to 2042.Total area proposed for landfill cells is10,000 Sqm along with other facilities.
7. The standard practice for MSW processing will be done to implement the project in accordance with rules and regulations mentioned in the MSW (Management and Handling) Rules, 2016 and its amendments.
8. The RDF component: The conversion process of Municipal Solid Waste (MSW) into Refuse Derived Fuel (RDF) involves the following processes like (i) Homogenization (ii) Size Reduction (iii) Drying (iv) Segregation (v) Densification (only for storage / transportation to long distance) to authorized recycler
9. STP and LTP will be used for the treatment of waste water. Sewage treatment plant (10 KLD) will be used for treat sewage generated and after treatment balance water will be used for green belt development and dust suppression.
10. Leachate treatment plant of capacity (10 KLD) will be installed and excess leachate will be treat in it after treatment it will again use in process Leachate Treatment & Management at site through LTP -Design flows and characteristics of Effluent before & After treatment

S.N.	PARAMETER	LEACHATE QUALITY		UNITS
		Raw	Post- treated	
1	Flow	15	15	cum/day
2	pH	5.5 – 9	6.5 – 8.5	--
3	BOD	12000	Less than 30	mg/L
4	COD	30000	Less than 250	mg/L
6	Ammoniacal Nitrogen	20	Less than 5	mg/L
7	Total Nitrogen	25	Less than 10	mg/L

11. As recommended by the MoEF and CPHEEO Bottom Barrier layer of 600mm thick clay/amended soil with permeability 1 X 10-7 cm/sec. Gas venting layer of 200mm thick granular material with permeability 1 X 10-2 cm/sec (ii) Clay Liner will be followed by HDPE liner with below Granular Drinage layer with geotextile on above HDPE (iii) Finally top capping with vegetative layer (450mm) with permeability 1 X 10-2 cm/sec., supported by a drainage layer(150mm) over barrier layer and gas vent layer through which methane and other noxious gases will be flared at site.
12. As per Department of Civil Engineering -Indian Institute of Technology, Roorkee legacy waste study report-2023, The total waste of around Approx. 1.07 lakh m-ton of legacy waste has been processed against 1.14 lakh m-ton, and the volume of legacy waste Approx.-80231.31 m-ton, is lying across site which will be remediated in upcoming 09 to 12 months on grant of EC by contractor under expert supervision.
13. The Odour Management will be done through spray of herbal sanitizers and inoculums will be done to remove odour. The compost facilities, roads, equipment and the surrounding area shall also be cleaned regularly to remove the odor generating wastes. The processed compost is stored in sheds so as to avoid attraction to birds and runoff due to rain or windblown entrainment of particles. APTI-ITRA technique will be adopted for green belt development through its expert supervision.
14. Green belt will be developed at 33.33 % area of the total plant area out of the 24 Acres of the plant area i.e., 8 Acres (3.2 hectares)of the total land will be under green belt plantation

Calculation of Cost for Green Belt Development:

Expenditure per plant = Rs. 1100
Total Numbers of Plants to cover 3.2 Ha. = 3200
Total Expenditure= Rs. 1100x3200= Rs.35,20,000/-

Sr. No.	Vernacular Name	Scientific name	No. of trees to be planted
1.	Kachnar	*Bauhnia vargita*	200
2.	Pipal	*Ficus Religiosa*	300
3.	Banyan	*Ficus Benghalensis*	100
4.	Neem	*Azardirachta indica*	500
5.	Semal	*Bombax ceiba*	400
6.	Amaltash	*Cassia fistula*	400
7.	Shesham	*Dalbergia sissoo*	400
8.	Siris	*AlbiziaJ lebbeck*	400
9.	Gulmohar	*Delonix regia*	300
10.	Champa	Plumeria rubra/ Alba	200
Total			**3200**

Table 2 – EMP Detail

COST OF ENVIRONMENTAL MANAGEMENT PLAN			
S. No.	Particulars	Capital cost (In Lakhs)	Annual recurring cost (in Rs.)
		Proposed	Proposed
1	Air & Noise pollution control system	10.0/-	3.0/-

2	Waste Water Treatment Facility	20.0/-	1.5/-
3	Environment monitoring	--	5.0/-
4	Green belt	35.20/-	5.0/-
5	Occupational Health and Safety	10.0/-	7.5/-
6	Solid Waste Management (also includes odour management)	10.0/-	3.0/-
7	Cost of CER activities	129/-	25/-
8	Miscellaneous	25.0/-	10.0/-
Total		239.2/-	60/-

A detailed discussion was held on the documents submitted regarding STP, LTP, Project Area, Green Belt, Waste Water, Solid Waste, Total Waste, Odour Management, green area as well as the submissions made by the PP.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Shree Shyam Waste Management Private limited as per LOA issued by Municipal Council, Bhiwani vide letter no.195/ME/MCB dated 09.12.2022

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

Specific Condition

1. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase within one year as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
2. Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
3. Air Pollution Control Pollutant Monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO2, Nox and CO from the DG stack.
4. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concern Authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Where the trees need to be cut/transplanted with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut/ nonsurvival of any transplanted tree) shall be done and maintained. Plantations to be ensured species (cut) to species (planted).
5. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.

6. Analysis of Dioxins and Furans shall be done through CSIR National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.
7. Leachates to be collected and utilized within project after proper treatment. PP should submit the details regarding Leachate collection and treatment system to be installed to concerned Integrated Regional Office of the Ministry. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.
8. No fresh water to be used except for potable use.
9. Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the Delhi Pollution Control Committee/CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.
10. Ground water monitoring for Physico-Chemical parameters to be carried out and record maintained by providing piezometric wells along the flow channel (up and down).
11. Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations.
12. The depth of the land fill site shall be decided based on the ground water table at the site.
13. Environmental Monitoring Programme shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out.
14. The PP shall take all measures to control the smell coming out of the project.
15. The PP shall comply with the NGT orders and other necessary directions issued by any other competent authority for CBWTF
16. The PP shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.
17. On line real time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions.
18. Scrubber water, leachate water or wheel wash shall be treated properly and recycled to achieve zero liquid discharge.
19. Gas generated in the Land fill should be properly collected, monitored and flared.
20. Pre medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained.
21. Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or environment from fires, explosion or any unplanned sudden or non sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water.
22. Rainwater runoff from the landfill area shall be collected and treated in the effluent treatment plant.
23. The PP shall take all measures to control the smell coming out of the project.
24. The PP shall carry out the quarterly awareness programs for the residents of the stakeholders of the project.
25. Necessary provision shall be made for fire-fighting facilities within the project site
26. Adequate covering arrangement in site should be done to prevent the runoff of rainwater in the project premises.
27. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.

28. **The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in)**
29. As proposed an area measuring **8 acre (33.33% of total project site**) shall be developed as Green Area.
30. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies.
31. The PP shall obtain the permission regarding withdrawal of ground water from PHED/HWRA before the start of the project and also obtain the CTO from HSPCB after the approval from PHED/HWRA.

Standard Conditions will be same as specified by the MoEF&CC.

311.06 EC for proposed Group Housing Colony for an area measuring 22501 sqm at Plot No. GH-3, Sector 80, Residential Estate, Manesar, District Gurugram, Haryana by M/s Conscient Infrastructure Private Limited

Project Proponent : Sh. S.K. Kaushik
Consultant : Ind Tech House Consult

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/519411/2025 dated 20.01.2025 for obtaining **Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No.505882 dated 18.01.2025.

Table 1 – Basic Detail

NAME OF THE PROJECT: Proposed Group Housing Colony for an area measuring 22501 sqm at Plot No. GH-3, Sector 80, Residential Estate, Manesar, District Gurugram, Haryana by M/s Conscient Infrastructure Private Limited		
Sr. No.	**Particulars**	**Total Area (in M^2)**
1.	**Online Project Proposal Number**	**SIA/HR/INFRA2/519411/2025**
2.	Latitude	28°21'47.53"N
3.	Longitude	76°57'49.38"E
4.	Plot Area (m^2)	22501
5.	Proposed Ground Coverage (m^2)(24.12%)	5428.044
6.	Proposed FAR (m^2)	41932.278
7.	Non-FAR Area (m^2)	49985.240
8.	Total Built Up area (m^2)	91917.518
9.	Total Green Area with Percentage (m^2) (20.12 % of plot Area)	4527.914 (2714.593 sqm under block plantation)
10.	Rain Water Harvesting Pits (No.)	6
11.	STP Capacity (KLD)	140
12.	Total Parking (ECS)	995
13.	Organic Waste Converter (kg/day)	400 (2x200 kg/day)
14.	Maximum Height of the Building (m)	116.2
15.	Power Requirement (KW)	3702
16.	Power Backup (KVA))	4500
17.	Total Water Requirement (KLD)	159

18.	Fresh Water Requirement (KLD)	104
19.	Treated Water (KLD)	96
20.	Waste Water Generated (KLD)	107
21.	Solid Waste Generated (TPD)	0.73
22.	Biodegradable Waste (TPD)	0.34
23.	Number of Floors	3B+G/S+34
24.	Main DU's	268
25.	Servant Units	32
26.	Total Cost of the project (Cr.):	1074.16
27.	Incremental Load in respect of: i) PM 2.5 ($\mu g/m^3$)	0.029
	v) PM 10 ($\mu g/m^3$)	0.048
	vi) SO_2 ($\mu g/m^3$)	0.0018
	vii) NO_2 ($\mu g/m^3$)	0.764
	viii) CO (mg/m^3)	0.91
28.	Construction Phase:	
	Power Back-up	250 kVA
	Water Requirement & Source	Through authorized water tanker
	Anti-Smoke Gun	04 Nos.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, Land has been allotted from HSIIDC vide Ref no. HSIIDC:9277 dated 29.07.2024.
- That, Zoning plan has been obtained vide DRG.NO. HSIIDC/IPD/1593 dated 30.10.2024.
- That, IGBC Pre-certificate has been obtained vide Registration No. GH240625 in September 2024.
- That, Structure vetting certificate has been obtained from IIT Bombay vide Ref. No. DRD/CE/RSJ-118/24-25 dated 06.12.2024.
- That, All services like water, power, storm water, sewer will be provided by HSIIDC. Clarification letter regarding the same has been obtained from HSIIDC vide letter No HSIIDC/IMT/ESTATE/2024/1295 dated: 14.11.2024 and letter no. HSIIDC/Engg./IMT/25/3788 dated 07/01/2025.
- That, Proposed green area of the project is 4527.91 sq m out of which 2714.593 sqm i.e. 12.06 % of plot area under block plantation. Revised landscape plan with no of trees and spacing is attached as **Annexure 1.**
- That, 400 KG/Day (2x200 kg/day) OWC will be installed during operation phase.
- That, the project is on concept basis.
- That, total project is 1074.16 Cr. CA certificate is attached as **Annexure 2.**
- That, EMP budget is attached as **Annexure 3.**
- That, Geo-Technical Investigation Report, and Ground water quality report has already submitted along with complete EC Application.
- That, as per AAI color coded map, AAI NOC is not required.
- That, No litigation is pending against the project.
- That, No Revenue Rasta, HT Line passes through the project.

Table 2 – EMP Detail

Environment Budget (Construction Phase)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
BARRICADING OF CONSTRUCTION SITE	10.62	2.34
ANTI - SMOG GUN WITH COMPLETE ASSEMBLY	20	2
ENVIRONMENT MONITORING & 6 MONTHLY COMPLIANCE REPORT OF EC CONDITIONS		2
TOTAL	**30.62**	**6.34**
ENVIRONMENT BUDGET (Operation Stage)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
SEWAGE TREATMENT PLANT (140 KLD)	28	7.56
RAIN WATER HARVESTING SYSTEM Rain Water Storage (6 no.)	21	3.15
SOLID WASTE STORAGE BINS & COMPOSTER	5.78	3.81
HORTICULTURE DEVELOPMENT (TREE PLANTATION & LANDSCAPING) EXCLUDING LAWN AND PARK	3.22	0.80
ENVIRONMENT MONITORING & 6 MONTHLY COMPLIANCES OF ENVIRONMENT CLEARANCE CONDITIONS		2.00
TOTAL	**58.00**	**17.33**

BUDGET OUTSIDE THE PROJECT SITE CER	
COMPONENT	**Capital Cost (in lacs)**
Adoption of school in nearby village	35

A detailed discussion was held on the documents submitted regarding land detail, Zoning Plan, IGBC, Structure Vetting Certificate, Water, Power, Storm Water, Sewer, Green Area, Block Plantation, Landscape Plan, OWC, Concept Basis, CA Certificate, EMP Budget, Geo-Technical Investigation Report, Ground Water Quality Report, AAI NOC, Litigation, HT Line, Revenue Rasta, as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Conscient Infrastructure Private Limited as per LoA issued by HSIIDC vide Ref. No.HSIIDC 9277 dated 29.07.2024.

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

A. Specific Conditions:-

1. **The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2. Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
3. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
4. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
5. The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
6. The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
7. Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
8. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time
9. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
10. Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.

11. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
12. The PP shall not carry any construction above or below the Revenue Rasta, if any
13. The PP shall keep the ROW below the HT Line passing through the project, if any.
14. The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
15. Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
16. The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency
17. The PP shall not give occupation or possession before the water supply, electricity and sewage connection permitted by the competent authority.
18. The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
20. The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
21. The PP may provide electric charging stations to facilitate electric vehicle commuters.
22. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
23. The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
24. The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
25. In the proposed landscape plan, native species shall be included as per the list of concerned DFO.
26. The minimum growth of trees should be 03 meters with sufficient canopy.
27. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
28. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
29. A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained and the existing trees will be counted for this purpose.
30. The species with heavy foliage, broad leaves and wide canopy cover are desirable.
31. Water intensive and/or invasive species should not be used for landscaping.
32. As proposed PP shall provide **4527.91 sqm (20.12% of plot Area)** for green area development. Out of which **2714.593 sqm i.e.12.06% of plot area** under block plantation**.**
33. **06 Rain Water Harvesting Pits** shall be provided for ground water recharging as per the CGWB norms.
34. **The PP shall install Solar panel as per HAREDA norms.**
35. The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.

36. **The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in)**
37. **The PP shall get project electrification plan approved from the competent authority before operation of the project.**
38. The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard Conditions will be same as per the standard conditions specified by the MoEF&CC.

311.07 EC for Proposed Group Housing Colony Under Retirement Housing Policy Dated 17.08.2021 Over an Area Measuring 1.57875 Acres (Licence No. 02 of 2025 dated 08.01.2025) in the revenue estate of Village Palra, Sector-70A Gurugram, Haryana by M/s Subh Housing (Gurgaon) LLP

Project Proponent : Sh. Ayush Singla
Consultant : Ind Tech House Consult

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/518924/2025 dated 21.01.2025 for obtaining **Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 500670 dated 14.01.2025.

Table 1 – Basic Detail

Name of the project: Proposed Group Housing colony under retirement housing policy dated 17.08.2021 over an area measuring 1.57875 Acres (Licence No. 02 of 2025 dated 08.01.2025) in the revenue estate of Village Palra, Sector-70A Gurugram, Haryana.		
Sr. No.	**Particulars**	**Total Area (in M^2)**
1.	**Online Project Proposal Number**	**SIA/HR/INFRA2/518924/2024**
2.	Latitude	28°23'4.38"N
3.	Longitude	77° 0'57.74"E
4.	Total Plot Area (m^2)	6388.971
5.	Net Plot Area (m^2)	5544.11
6.	Proposed Ground Coverage (m^2)	1100
7.	Proposed FAR (m^2)	15140.160
8.	Non-FAR Area (m^2)	13,801.47
9.	Total Built Up area (m^2)	28941.63
10.	Total Green Area with Percentage (m^2) (25.04 % of plot Area)	1600 (770 sqm under block plantation)
11.	Rain Water Harvesting Pits (No.)	2
12.	STP Capacity (KLD)	50
13.	Total Parking (ECS)	138
14.	Organic Waste Converter (kg/day)	150 (2x75 kg/day)

15.	Maximum Height of the Building (m)	56.75
16.	Power Requirement (KW)	712
17.	Power Backup (KVA))	1070
18.	Total Water Requirement (KLD)	74
19.	Fresh Water Requirement (KLD)	50
20.	Treated Water (KLD)	24
21.	Waste Water Generated (KLD)	39
22.	Solid Waste Generated (TPD)	0.27
23.	Biodegradable Waste (TPD)	0.13
24.	Maximum Number of Floors	2B+G/St+17
25.	No. of DU's	124
26.	Total Cost of the project (Cr.):	121.94
27.	Incremental Load in respect of:	
	PM 2.5 ($\mu g/m^3$)	0.070
	PM 10 ($\mu g/m^3$)	0.116
	SO_2 ($\mu g/m^3$)	0.086
	NO_2 ($\mu g/m^3$)	1.86
28.	Construction Phase:	250 KVA
	Water Requirement & Source	12.48 KLD Tanker supply
	Anti-Smog Gun	4

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, License No. 02 of 2025 has been obtained vide Endst. No. LC-5272-JE(RK)-2025/906 dated 08.01.2025 for setting up of a Group Housing Colony under Retirement Housing Policy dated 17.08.2021 over an area measuring 1.57875 acres in the revenue estate of village Palra, Sector-70A, Gurugram-Manesar Urban Complex which is valid upto 07.01.2030.
- That, Zoning plan has been obtained vide DRG. no. 10753 dated 08.01.2025.
- That, the project is **on concept basis**.
- That, Water assurance has been Obtained from GMDA vide Letter No. EIC II-202006(07)/1/2019-O/o SE WSS(O and M)-Infra II dated 13.01.2025. Copy of the same is attached as **Annexure 1.**
- That, sewer assurance has been Obtained from GMDA vide Memo. No. GMDA/SEW/2025/55 dated 17.01.2025. Copy of the same is attached as **Annexure 2.**
- That, AAI NOC has been obtained from AAI vide Letter No. AI/RHQ/AR/ATM/NOC/2024/969/3413-16 dated 25.10.2024 valid up to 24.10.2032. Copy of the same is attached as **Annexure 3.**
- That, Forest NOC has been obtained vide Reference No. (SRN):- P6D-Q2A-JTF8 dated 16.08.2024. Copy of the same is attached **Annexure 4.**
- That, IGBC Pre-certificate has been obtained vide Registration No. GH2400412 in January 2025.

- That, Power assurance has been obtained copy of the same is attached as **Annexure 5.**
- That, Aravali NOC has been obtained. Copy of the same is attached as **Annexure 6.**
- That, Population density has been calculated as per Policy for Planned Development of Retirement Housing Through Grant of Licence Under Act No 8 Of 1975 by Town And Country Planning Department. Copy of policy is attached as **Annexure 7.**
- That, Total green area is approx. 1600 sq.m. (25.04 % of the plot area) out of which 770 sqm (12 % of the plot area) under block plantation. Landscape plan is attached as **Annexure 8.**
- That, revised EMP budget is attached as **Annexure 9.**
- That, STP treated water assurance and Storm water assurance has been obtained. Copy of the same is attached as **Annexure 10 & 11.**
- That, Soil investigation report, Ground Water Quality has been carried out and submitted along with Complete report.
- That, no litigation is pending against the project.
- That, No Revenue Rasta, HT Line passes through the project.

Table 2 – EMP Detail

Environment Budget (Construction Phase)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
BARRICADING OF CONSTRUCTION SITE	5.03	1.11
ANTI - SMOG GUN WITH COMPLETE ASSEMBLY	20	2
DUST MITIGATION MEASURES	1.5	0.25
ENVIRONMENT MONITORING & 6 MONTHLY COMPLIANCE REPORT OF EC CONDITIONS		2
TOTAL	**26.53**	**5.36**

ENVIRONMENT BUDGET (Operation Stage)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
SEWAGE TREATMENT PLANT (50 KLD)	10	2.70
RAIN WATER HARVESTING SYSTEM Rain Water Storage (2 no.)	7	1.05
SOLID WASTE STORAGE BINS & COMPOSTER 150 kg/day (2x75 kg/day)		1.68
HORTICULTURE DEVELOPMENT (TREE PLANTATION & LANDSCAPING)	1.04	0.26
ENVIRONMENT MONITORING & 6 MONTHLY COMPLIANCES OF ENVIRONMENT CLEARANCE CONDITIONS		2.00
TOTAL	**20.59**	**7.69**

BUDGET OUTSIDE THE PROJECT SITE CER	
COMPONENT	**Capital Cost (in lacs)**
Adoption of school in nearby village	35

A detailed discussion was held on the documents submitted regarding License, Zoning plan, Water assurance, sewer assurance, AAI NOC, Forest NOC, IGBC Pre-certificate, Power Assurance, Aravali NOC, Population, Green Area, Plot Area, EMP Budget, STP Treated Water, Soil Investigation Report, Ground Water Quality, Litigation HT Line, Revenue Rasta, as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Subh Housing (Gurgaon) LLP as per License No.02 of 2025 dated 08.01.2025 issued by Department of Town & Country Planning vide Endst No.LC-5272/JE(RK)/2025/906 dated 08.01.2025 (valid upto 07.01.2030).

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

A. Specific Conditions:-

1. **The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2. Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
3. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
4. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
5. The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
6. The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the

bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.

7. Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
8. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time
9. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
10. Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
12. The PP shall not carry any construction above or below the Revenue Rasta, if any
13. The PP shall keep the ROW below the HT Line passing through the project, if any.
14. The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
15. Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
16. The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency
17. The PP shall not give occupation or possession before the water supply, electricity and sewage connection permitted by the competent authority.
18. The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
20. The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
21. The PP may provide electric charging stations to facilitate electric vehicle commuters.
22. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
23. The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.

24. The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
25. In the proposed landscape plan, native species shall be included as per the list of concerned DFO.
26. The minimum growth of trees should be 03 meters with sufficient canopy.
27. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
28. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
29. A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained and the existing trees will be counted for this purpose.
30. The species with heavy foliage, broad leaves and wide canopy cover are desirable.
31. Water intensive and/or invasive species should not be used for landscaping.
32. As proposed, **1600 sq.m. (25.04 % of the plot area)** shall be provided for landscape out of which **770 sqm (12 % of the plot area)** shall be earmarked for block plantation**.**
33. **02 Rain Water Harvesting Pits** shall be provided for ground water recharging as per the CGWB norms.
34. **The PP shall install Solar panel as per HAREDA norms.**
35. The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
36. **The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in)**
37. **The PP shall get project electrification plan approved from the competent authority before operation of the project.**
38. The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard Conditions will be same as per the standard conditions specified by the MoEF&CC.

311.08 EC for proposed Expansion of Affordable Group Housing Colony in the revenue estate of Village- Ullawas & Behrampur, Sector-59, Gurugram, Haryana by M/s Pyramid Home Developers LLP

Project Proponent : Shri Rajesh Kumar
Consultant : Vardan EnviroNet

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/494413/2024 dated 20.08.2024 for obtaining **Environment Clearance for Expansion** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No.990076 dated 09.08.2024.

Table 1 – Basic Detail

Sr. No.	Particulars	As per earlier EC (M^2)	Expansion M^2	Total (in M^2)
1.	**Online Project Proposal Number**	SIA/HR/INFRA2/494413/2024		

2.	Latitude	28°24'15.07"N		
3.	Longitude	77° 6'25.64"E		
4.	Plot Area	23055.714	Nil	23055.714
5.	Proposed Ground Coverage	5544.945	-157.27	5387.675
6.	Proposed FAR	51343.21	2827.831	54171.041
7.	Non FAR Area	5361.25	-796.958	4564.292
8.	Total Built Up area	56704.46	2030.873	58735.333
9.	Total Green Area with Percentage	4611.14	Nil	4611.14 Sq. M (20% of Plot area
10.	Rain Water Harvesting Pits	6	Nil	6
11.	STP Capacity (KLD)	300 &150	165	615
12.	Total Parking ECS	424	51	475
13.	Organic Waste Converter (Kg/day)	2 nos capacity 1750 kg/day (1x1250 kg/day+ 1x500 kg/day)	Nil	2 nos. of Organic waste converters of capacity 1180 Kg/day (2*580) Kg/day is proposed.
14.	Maximum Height of the Building (m)	47.86	Nil	47.86
15.	Power Requirement (KW)	3364	-409.3	2954.70
16.	Power Backup	1 nos of DG sets of 500 kVA	90	1 nos of DG sets of 590 kVA
17.	Population	5,303	316	5,619
18.	Total Water Requirement (KLD)	415	23	438
19.	Fresh Water Requirement (KLD)	286	17	303
20.	Treated Water (KLD)	129	6	135
21.	Waste Water Generated (KLD)	335	19	354
22.	Solid Waste Generated (Kg/day)	2,318	136	2454
23.	Biodegradable Waste (Kg/day)	1391	-410	982
24.	Number of Towers	8	Nil	8
25.	Stories	S+G+14F	Nil	S+G+14F
26.	Dwelling unit/EWS	824	52	876
27.	Commercial	2	Nil	2
28.	Community Hall	1	Nil	1
29.	Aaganwari	1	Nil	1
30.	R+U Value of Material used (Glass)	U-5.5 w/m2 K	Nil	U-5.5 w/m2 K
31.	Total Cost of the project : (In Crore.)	Rs. 187.5 Cr	Nil	Rs.187.50 Cr
32.	CER lakhs		20	20
33.	EMP Budget (in Lakhs)	151.38	93	244.38
34.	Incremental Load in respect of: PM 2.5			0.0004 (µg/m^3)
	PM 10			0.00065 (µg/m^3)
	SO_2			0.00162 (µg/m^3)
	NO_2			0.00085 (µg/m^3)

32.	Construction Phase: i. Power Back-up	--	--	Temporary electrical connection of 19 KW & 01 DG of 125 KVA
33.	ii. Water Requirement & Source	--	--	Fresh water – 10 KLD for drinking & sanitation. Source: Fresh water – HSVP/GMDA Construction Water – GMDA
34.	iii. STP (Modular)	--	--	1 Nos. of 5 KLD
35.	iv. Anti-Smoke Gun	--	--	01 Nos. of Anti-smoke gun

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

1. The project had received License from the Directorate of Town & Country Planning, Haryana with License no. 133 of 2019 dated 16.12.2019 which is valid up to 15.12.2024. We have also submitted fee to DTCP, Haryana against application for renewal of License No.133 of 2019 through transaction no. TCP31773241227177142 on dated: 27.12.2024.
2. That EC has been granted from State Environment Impact Assessment Authority, Haryana on dated 11.01.2021 for Plot Area- 5.6972 Acres /23,055.714 Sq.M and Built up area 56,704.46 Sq. M.
3. That Project has been granted CTE from HSPCB vide consent No. HSPCB/Consent/: 329962321GUNOCTE9053054 dated: 15.02.2021.
4. That, we have attached the construction status as ***Annexure –A.***
5. That we have Obtained IGBC Certificate from IGBC in Oct, 2021 for additional FAR.
6. That the Site plan has been approved from DTCP, Haryana through Memo. No. 217118 Dated 24.12.2021.
7. That we are applying for expansion of earlier EC for total Builtup area- 58735.333 Sq. M (56704.46 Sq. M + 2030.873 Sq. M).
8. That the Certified Compliance Report of earlier EC from the Regional Office MOEF&CC, Chandigarh has been obtained on dated 28.01.2025 and we have also submitted Action taken report of non-compliance of CCR to MOEF&CC, Chandigarh on dated 30.01.2025. (Copy of CCR with ATR is attached as ***Annexure-B)***
9. That we will maintain green area as per earlier EC i.e., 4611.14 Sq. M (20% of Plot area). The Block plantation is not possible because major development/ Construction work has been completed at project site.
10. That All Assurances are mentioned in the table given below:

S. No.	Assurances/ NoC	Issued From	Memo No.	Date

1	Forest NoC	Divisional Forest Officer	M5B-6PG-92X9 MQR-9MD-86UN	20.09.2019 20.09.2019
2	Aravali NoC	Deputy Commissioner	82/MB	06.12.2019
3	Structure stability Certificate	Structural Engineer	AM/089710/0	30.08.2024.
4	Power	DHBVN	ch-24/SE/R-APDRP/OLNC-HT/GGN-II/EP-116	28.10.2021
5	Sewerage	GMDA	GMDA/SEW-II/2020/56	24.01.2020
7	Fresh water	GMDA		29.10.2019.
8	AAI NoC	Airport Authority of India	PALM/NORTH/B/01 1320/438224	24.01.2020

11. That Asola Bhatti wildlife Sanctuary is at a distance of approx. 5.7 Km in NE direction from project site and Sultanpur National Park is at a distance of approx. 21.3 km in NW direction.
12. That we are proposing the 2 Nos. of OWC which is having total capacity of 1180 kg/day (2*580 kg/day) instead of 1 Nos. of OWC which is having total capacity of 1,180 Kg/day.
13. That no litigation is pending against our project.
14. That there is no Revenue Rasta and HT-line crosses through project site.

Table 2 – EMP Detail

EXPENDITURE EMP

S. No.	Item	Amount (In Lakhs)
1	Stack height for DG Sets and acoustics	12.0
2	Dust Mitigation Measures Including site barricading, water sprinkling and anti-smog gun)	54.38
3	Waste Water Management (Sewage Treatment Plant)	42.00
4	Rainwater harvesting system	12.00
5	Landscaping & tree plantation	15.00
6	Air, Noise, Soil, Water Monitoring	8.00
7	Solid Waste Management (Dust bins & OWC	8.00
	Total	**151.38**

PROPOSED EMP

During Construction Phase			During Operational Phase		
Description	**Capital Cost (In Lakhs)**	**Recurring Cost (In Lakhs per Year)**	**Description**	**Capital Cost (in Lakhs)**	**Recurring Cost (In Lakhs per Year)**
Sanitation and Wastewater Management	0.0	2.0	Waste Water Management	20.0	5

(Modular STP)			(Sewage Treatment Plant)		
Garbage & Debris disposal	0.0	1.0	Solid Waste Management	5.0	2
Tree Plantation	5.0	2	Tree Plantation	10.0	1
Air, Noise, Soil, Water Monitoring	0.0	2	Monitoring for Air, Water, Noise & Soil	0.0	1
Rainwater harvesting system	2.0	1	Rainwater harvesting system	0.0	1
Dust Mitigation Measures Including site barricading, water sprinkling and anti-smog gun)	5.0	2.0	Stack height for DG Sets and its acoustics	5.0	1
CER Budget	20	-			
Sub-Total	32.00	10.00	**Total**	40.0	11
Total	**Rs 93 Lakhs**				

PP further submitted reply of ATR points as following:

S. No.	Information/documents	Reply	Remarks by SEAC
1.	PP failed to show/provide the permission letter of Chief Town Planner, Haryana cum-Chairman.	The license is granted from Department of Town and Country Planning, Haryana through License No. 133 of 2019 dated 15.12.2024. Change of Developer is also obtained for the same through Endst. No. LC-4025+4026-JE (VA)/ 2020/ 3488 dated 05/05/2020. Copy of License followed by it's COD is attached as ***Annexure-1.*** Zoning is obtained from DTCP through DRG. No. DTCP 7298 dated 17.12.2019. Copy of Zoning is attached as ***Annexure-2.***	PP has submitted the permission letter obtained from Chief Town Planner, Haryana cum-Chairman.
2.	PP failed to show copy of the Air Dispersion Modeling during site visit which was submitted to SEIAA during appraisal of the project.	A detail of Air Dispersion Modeling which was submitted to SEIAA at the time of appraisal is attached as ***Annexure-3.***	Air Dispersion Modeling was submitted to SEIAA at the time of appraisal. Thus, the condition has been complied.
3.	During visit it was noticed that no Ambient Air Quality monitoring system was installed on upwind and downwind directions.	We have provided Ambient Air Quality monitoring system on upwind and downwind directions.	We have provided Ambient Air Quality monitoring system. Thus, we have complied with the condition.

4.	During visit PP doesn't provided year wise progress of implementation of action plan report for EMP and environmental conditions.	The details of year wise progress report for EMP (Incurred till date) are attached as ***Annexure-4.***	PP has submitted the details of year wise progress report for EMP. Thus, PP has complied with the condition.
5.	During site visit PP failed to provide/show the financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation.	PP has commenced construction at site dated 16.02.2021 and for the same CTE has been obtained from concerned department before start of construction phase of the project. Project is still in construction phase thus this condition is not applicable to us at present. We will obtain the CTO from concerned department before operation of the project.	PP has submitted the details for commencement of land development work and start of production operation. Thus, PP has complied with the condition.
6.	PP failed to provide the copy of Disaster Management Plan.	The copy of Disaster Management Plan is attached as ***Annexure-5.***	PP has submitted Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management. Thus, PP has complied with the condition.
7.	PP failed to show the copy of the Environmental Cell both at the project and company head quarter level during visit.	Environmental Cell is attached as ***Annexure-6.***	PP has submitted the details of Environmental Management Cell of the project. Thus, PP has complied with the condition.
8.	During site visit it was also observed that construction materials were not kept in a designated place, which may cause health hazards to the workers.	PP has assured that all the construction materials will be kept at a designated place.	PP has assured that all the construction materials will be kept at a designated place. Thus, PP has complied with the condition.

A detailed discussion was held on the documents submitted regarding License, Previous EC, CTE, Construction Status, IGBC Certificate, Site Plan, Builtup Area, Certified Compliance Report, ATR, Block Plantation, Green Are, Forest NOC, Aravali NOC, Structure Stability Certificate, Power, Sewerage, Fresh Water, AAI NOC, Wildlife Sanctuary, OWC, Litigation, Revenue Rasta, HT Line, Plant Species, Percolation Data, Groundwater Quality report, Fire NoC as well as the submissions made by the PP.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance for Expansion** under EIA Notification dated 14.9.2006 issued

by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Pyramid Home Developers LLP as per License No.133 of 2019 dated 16.12.2019 issued by Department of Town & Country Planning vide Endst No.LC-4025+4026-JE(VA)-2019/31120 dated 17.12.2019 valid upto 15.12.2024 and further Change of Developers approved by Department of Town & Country Planning vide order bearing Endst No.LC-4025+4026-JE(VA)-2020/7488 dated 05.05.2020

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

A. Specific Conditions:-

1. Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
2. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
3. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
4. The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
5. The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
6. Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
7. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time
8. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

9. Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
10. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
11. The PP shall not carry any construction above or below the Revenue Rasta, if any
12. The PP shall keep the ROW below the HT Line passing through the project, if any.
13. The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
14. Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
15. The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used. The DG sets will be operated for maximum 04 hours during power failure through Executing Agency
16. The PP shall not give occupation or possession before the water supply, electricity and sewage connection permitted by the competent authority.
17. The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
18. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**
19. The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
20. The PP may provide electric charging stations to facilitate electric vehicle commuters.
21. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
22. The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
23. The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
24. In the proposed landscape plan, native species shall be included as per the list of concerned DFO.
25. The minimum growth of trees should be 03 meters with sufficient canopy.
26. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
27. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
28. A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained and the existing trees will be counted for this purpose.
29. The species with heavy foliage, broad leaves and wide canopy cover are desirable.
30. Water intensive and/or invasive species should not be used for landscaping.
31. As proposed PP shall provide **4611.14 Sq. M (20% of Plot area)** for green area development**.**
32. **06 Rain Water Harvesting Pits** shall be provided for ground water recharging as per the CGWB norms.
33. **The PP shall install Solar panel as per HAREDA norms.**

34. The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
35. **The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in)**
36. **The PP shall get project electrification plan approved from the competent authority before operation of the project.**
37. The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard Conditions will be same as per the standard conditions specified by the MoEF&CC.

311.09 EC for proposed Commercial complex Project at Sector-79, District-Faridabad, Haryana by M/s Omaxe World Street Pvt. Ltd. by M/s Omaxe World Street Private Limited

Project Proponent : Shri Anil Gupta
Consultant : Grass Roots Research & Creation India (P) Ltd.

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/519522/2025 dated 21.01.2025 for obtaining **Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No.013960 dated 16.01.2025.

Table 1 – Basic Detail

Name of the Project: Commercial complex Project (13.50 acres) located at Sector-79, District-Faridabad, Haryana by M/s Omaxe World Street Pvt. Ltd.		
S. No.	**Particulars**	
1.	Online Proposal Number	SIA/HR/INFRA2/519522/2025
2.	Latitude	28°23'13.70" N
3.	Longitude	77°21'27.67" E
4.	Plot Area	54,632.56m^2
5.	Net Planned Area	----
6.	Net Plot Area	----
7.	Proposed Ground Coverage	23,002.575 m^2
8.	Proposed FAR	75,576.724m^2
9.	Non-FAR Area	33,777.589m^2
10.	Total Built Up area	1,09,354.313m^2
11.	Total Green Area with %	13,658.14m^2 (25% of plot area)
12.	Rainwater Harvesting Pits (with size)	13 RWH pits (Diameter -5m, & Depth 3.5m)
13.	STP Capacity	345 KLD
14.	Total Parking	1114 ECS
15.	Organic Waste Converter	2
16.	Maximum Height of the Building (m)	18.60m

17.	Power Requirement		5636.26 kW
18.	Power Backup		05no. of DG sets of 6010 kVA capacity (1 x 500 kVA, 1 x 1010 kVA, 3 x 1500 kVA)
19.	Total Water Requirement		787 KLD
20.	Domestic Water Requirement		307 KLD
21.	Fresh Water Requirement		196 KLD
22.	Treated Water		241 KLD
23.	Wastewater Generated		268 KLD
24.	Solid Waste Generated		2762 kg/day
25.	Biodegradable Waste		1,104.8 kg/day
26.	Number of Towers		11 blocks
27.	Dwelling Units/ EWS		---
28.	Basement		01
29.	Stories		G+3
30.	R+U Value of Material used (Glass)		2.67 W/m^2 deg C
31.	Total Cost of the project:	i) Land Cost	INR 432.30 Crores
		ii)Construction Cost	
32.	EMP Budget (per year)	i) Capital Cost	864.6 Lakhs
		ii) Recurring Cost	173.4 Lakhs
33.	Incremental Load in respect of:	$PM2_{.5}$	*0.4434 µg*/m^3
		PM_{10}	*0.6939 µg*/m^3
		SO_2	*0.7933 µg*/m^3
		NO_2	*0.02028 µg*/m^3
		CO	*0.0312 µg*/m^3
34.	Status of Construction		No Construction is done at the project site
35.	Construction Phase:	Power Back-up	200 kVA
		Water Requirement & Source	150 ML & Private water tankers
		STP (Modular)	1
		Anti-Smog Gun	1

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

1. That we are going to construct the Commercial Complex Project at Sector-79, District -Faridabad Haryana.
2. That, We have been granted Phasing plan bearing memo no. ZP-842-Voll-III-A/JD(GK)/2024/38579 Dated 06.12.2024 of commercial colony (under mix land use) measuring 38.540 acres (license no. 17 of 2012 dated 02.03.2012, license no. 62 of 2012 dated 15.06.2012, license no. 51 of 2017 dated 22.07.2017, license no. 52 of 2017 dated 22.07.2017, license no. 133 of 2022 dated 26.08.2022, license no. 23 of

2023 dated 06.02.2023, license no. 24 of 2023 dated 06.02.2023 and license no. 134 of 2024 dated 04.11.2024) falling in sector-79, Faridabad being developed by Omaxe World Street Pvt. Ltd of total area 38.540 acres.

3. As per the approved Phasing Plan, 13.50 acres area (bearing license no. 133 of 2022 dated 26.08.2022, license no. 23 of 2023 dated 06.02.2023, license no. 24 of 2023 dated 06.02.2023) has shown as Phase -5, 6 & 7 and Building Plan has also approved vide approval Form BR-III dated 17.12.2024.
4. That, we have split our earlier applied application vide proposal No. SIA/HR/INFRA2/457246/2024 & File No. SEAC/HR/2024 into two parts, one of under violation category (for which we are submitting updated application for violation part only) and for other part we have applied fresh application of area 13.50 acres for which building Plan and Phasing Plan has duly approved.

PP submitted another affidavit mentioning therein as under:

1. That we are going to construct the Commercial Complex Project at Sector-79, District -Faridabad Haryana.
2. That, the company has not commenced any construction work at the proposed project site we shall commence work only after obtaining the Environmental Clearance and receipt of all applicable NOC's/permission from the prescribed/ competent authorities of state and Centre Govt.
3. That, we will install 2 No's of OWCs for disposal of organic waste.
4. That, we will not do the construction below the HT line.
5. That, we will install Solar power of 40 kW.
6. That, no construction activity will be undertaken on the surface or below or above surface of Revenue Rasta passing through the project area.
7. That, there are no trees present at the project site
8. That, Asola Bhati Wildlife Sanctuary is 11.4 km (WNW Direction) away from the project site. It is not falling in study area.
9. There is no litigation pending against Commercial Complex Project at Sector-79, District -Faridabad Haryana by M/s Omaxe World Street Pvt. Ltd and that for any such litigation whatsoever, the sole responsibility will be borne by the project proponent.

Table 2 – EMP Detail

The cost of the project is proposed to be INR 432.30 Crores. The capital cost for environmental management of the proposed project is estimated to be INR 864.6 lakhs. INR 148.9 lakhs per year will be required as annual recurring expenses to meet the recurring expenditure for implementing the measures.

DURING CONSTRUCTION PHASE		
COMPONENT	**CAPITAL COST (INR LAKH)**	**RECURRING COST (INR LAKH/YR)**
Labor Sanitation & Wastewater Management	25	6.25

Dust Mitigation Measures Including site barricading, water sprinkling and anti-smog gun)	26	6.25
Storm Water Management (temporary drains and sedimentation basin)	25	6.25
Solid Waste Management	10	2.4
Sub-Total	**86**	**21.15**

DURING OPERATION PHASE		
COMPONENT	**CAPITAL COST (INR LAKH)**	**RECURRING COST (INR LAKH/YR)**
Sewage Treatment Plant	150	37.5
Rainwater Harvesting System	120	30
Solid Waste Management	110	27.5
Environmental Monitoring	0	9
Green Area/ Landscape Area	95	23.75
Sub-Total	**475**	**127.75**

BUDGET OUSTSIDE THE PROJECT SITE CER	
COMPONENT	**CAPITAL COST (INR LAKH)**
Government High School, Bhatola • Complete makeover • Construction of toilets • Installation of Solar Panels • Painting of School Building • Replacement of doors and windows • Energy efficient lighting • Smart Classroom equipment	303.6
Sub-Total	**303.6**

TOTAL EMP BUDGET		
COMPONENT	**CAPITAL COST (INR LAKH)**	**RECURRING COST (INR LAKH/YR)**
During Construction Phase	86	21.15
During Operation Phase	475	127.75

Budget for the nearby Government School for improvement of infrastructure	303.6	--
TOTAL	**864.6**	**148.9**

A detailed discussion was held on the documents submitted regarding License, Phasing Plan, Status of Site, OWC, HT Line, Building Plan, Landscape Plan, Block Plantation, Aravali NOC, AAI NOC, Power Assurance, Sewer Assurance, Electrification Plan, Percolation Data, Ground Water Quality, Solar Power, Revenue Rasta, Trees, Wildlife Sanctuary, Litigation, as well as the submissions made by the PP.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Omaxe World Street Private Limited as per License No.24 of 2023 dated 06.02.2023 issued by Department of Town & Country Planning vide Endst No.LC-2445 F-JE(SK)-2023/3776 dated 08.02.2023 valid upto 05.02.2028

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

A. Specific conditions:-

1) Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled/reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
2) The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
3) The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
4) The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled

treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.

5) Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
6) Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time
7) The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
8) The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon foot print. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used
9) The PP shall install electric charging points for charging of electric vehicles.
10) Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11) The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightening etc.
12) That Project Proponent shall ensure that Revenue Rasta shall not be obstructed or transgressed to hamper the public movement in any way. Meaning thereby, Revenue Rasta shall remain open & accessible to public as existed earlier. Any attempt to obstruct/divert the Revenue Rasta, shall invite stern action as deemed appropriate from the Competent Authority.
13) The PP shall not carry any construction below the HT Line passing through the project, if any.
14) The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
15) Separate Fire Safety Plan shall be prepared, if there is any gaming zone at project site.
16) The PP shall not give occupation or possession before the water supply, sewage connection and electricity connection permitted by the competent authority.
17) The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
18) The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19) The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH pits.**

20) The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
21) The PP may provide electric charging stations to facilitate electric vehicle commuters.
22) The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
23) Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
24) The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
25) The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
26) **The PP shall get project electrification plan approved from the competent authority before operation of the project.**
27) As proposed, **13,658.14m^2 (25% of plot area)** shall be provided for green area development**.**
28) **13 Rain Water Collection pits** shall be provided for storage of rain water**.**
29) The PP shall install **Solar power of 40 kW.**
30) The PP shall carry out **plantation of saplings** in the proposed green area as a part of the **tree plantation campaign "Ek Ped Maa Ke Naam"** and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in)
31) The PP shall install required number of **Anti-Smog Gun** at the project site as per the requirement of HSPCB.
32) The PP shall register themselves on https://dustapphspcb.comportal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard Conditions will be same as per the standard conditions specified by the MoEF&CC.

311.10 EC for proposed Expansion of capacity of Boulder, Gravel and Sand Mining Project "Shamtoo-1 Block/PKL B-11" located at village Shamtoo & Rattewali, District Panchkula by M/s Starex Minerals

Project Proponent : Shri Sanjeev Bhardwaj
Consultant : P and M Solutions

The Project Proponent submitted online Proposal No. SIA/HR/MIN/519644/2025 dated 22.01.2025 for obtaining **Environment Clearance for Expansion** under Category 1(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,50,000/- vide DD No.504124 dated 10.08.2024.

Table 1 – Basic Detail

1.	Online Proposal no	SIA/HR/MIN/519644/2025
2.	Category/Item no. (In Schedule)	1(a) Mining of Minerals (Non-Coal Mining) Category B1
3.	Area of Project	46.50 ha, Mineable area 34.25 ha

4.	Date of LOI Granted by Mines & Geology Department, Haryana		23.02.2018	
5.	Date of ToR		25.08.2023	
6.	Date of Previous EC		16.08.2022	
7.	Date of Extension of EC		07.08.2023	
8.	Date of Approval of mine plan Granted by Mines & Geology Department, Haryana		04.10.2023	
7	Location of Project		Village Shamtoo & Rattewali	
8	Project Details Khasra No.		Shamtoo -55 min Rattewali-141 Min, 142, 143	
9	Project Cost		Rs 21 Crores	
10.	Water Requirement	**Activity**	**Calculation**	**Round off Figure in KLD**
		Drinking	@ 30 lpcd per labor 30 lt*69/1000= 2.0 KLD	2.0
		Dust Suppression	Total Approach Road to be Water Sprinkled = 200 m 200m*6m*0.5*2 times/1000 = 1.2 KLD	1.2
		Plantation	15,500 plant (during plan period) 3,100/year @2 L/per plant= 3100*2.0 lt (1 lt twice a day) = 6200/1000= 6.2 KLD	6.2
11.	Environment Management Plan	INR 42 Lakhs (Capital Cost) INR 15 Lakhs (Recurring Cost)		
12.	CER Budget	30 Lakhs		
13.	Production	Sand Boulder and Gravel		
14.	Production Capacity	12,00,000 TPA		
15.	Corner Coordinatates	A	30°38'33"N	76°59'18.8"E
		B	30°38'31"N	76°59'31.85"E
		C	30°38'31"N	76°59'32"E
		D	30°38'31"N	76°59'34.3"E
		E	30°38'29"N	76°59'31.5"E
		F	30°38'19.7"N	76°59'29.4"E
		G	30°38'19"N	76°58'26.95"E
		H	30°38'11"N	76°58'24.5"E
		I	30°38'3.5"N	76°58'24.5"E
		J	30°38'2.5"N	76°59'29.2"E
		K	30°38'59.2"N	76°59'26.7"E
		L	30°38'1.1"N	76°58'23.5"E
		M	30°38'00"N	76°58'21.8"E
		N	30°38'54"N	76°59'21.8"E

		O	30°38'54"N	76°59'29.2"E
		P	30°38'44"N	76°59'29.2"E
		Q	30°38'42"N	76°59'28.3"E
		R	30°38'42"N	76°59'13.6"E
		S	30°38'48"N	76°59'17.9"E
		T	30°38'50"N	76°59'17.9"E
		U	30°38'56"N	76°59'14.5"E
		V	30°38'56"N	76°59'15.1"E
		W	30°38'01"N	76°59'12"E
		X	30°38'5.5"N	76°59'17.2"E
		Y	30°38'09"N	76°59'14.7"E
		Z	30°38'11"N	76°59'14.7"E
		A1	30°38'15"N	76°59'19.2"E
		A2	30°38'19"N	76°59'19.7"E
		A3	30°38'21"N	76°59'18.4"E
		A4	30°38'27"N	76°59'18.4"E
		A5	30°38'31"N	76°59'19.1"E
16.	Green Belt Plantation	**15,500 plants**		
17.	Machinery Required	Chain Mounted Excavators/Loaders etc, Water Tankers & Trucks,Tippers& Tractor Trolleys		
19.	Power Requirement	**Elec**tric connection has been taken for office and security purpose from Electricity Board		
20.	Power back	**DG set**		

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply dated 29.01.2025 alongwith an affidavit dated 29.01.2025 mentioning therein as under:

1. The letter of intent was issued by the department of mines & geology, Haryana in favor of M/s Starex Minerals on 23.2.2018 vide letter no DMG/HY/Cont/Shamtoo-1 Block/BKL-11/2018/904.
2. The mining plan of proposed Mining Area has been approved with 3 meter depth of extraction of Minor Minerals of 1800000 TPA.
3. Due to non-availability of replenishment Report the EC was granted to us for only 1 m depth and for annual production of 4,00,000 TPA vide EC Identification no EC22B001HR146175, File no SEIAA/HR/2022/153 for one year which was further extended by SEIAA Vide letter no. SEIAA (163)/HR/2023/514 Dated 07/08/2023.
4. That the mining plan had been approved by Department of Mines and Geology for production capacity of 18,00,00 TPA for a permissible depth of 3.00 m vide memo no. DMS/HY /MP Shamtoo-1/ PKL B-11/2023/ 5710 dated 04.10.2023.
5. The replenishment study was conducted by us and same was approved by your department vide memo no DMG/HY/Cont./Shamtoo-1 Block PKL B-11/2023/4914 Dated 28.10.2024.

6. That the Director, Geology & Mining has already endorsed our request vide letter no DMG/HY/RS/Shamtoo-1 Block /PKL B-11/2023/3796 Dated 03.07.2023 stating the facts of the case for consideration of expansion of capacity.
7. That we shall apply to ground water board for permission.
8. That we shall leave distance from the Under-construction bridge from Rattewali to Tapriya as mandated in Sustainable Sand Mining Guidelines ,2016.
9. That, we shall restrict our production to 12,00,00 TPA i.e. 3 times the earlier granted production.
10. That the lease area is mentioned in the Approved DSR of the district.
11. That we have applied for tree cutting permission for 25 trees falling in the lease area **(Copy attached)** and precautions will be taken so that no damage is done the trees until such permission is given by the DFO. Also, we will bear the cost of cutting or transplantation of trees whatever is suggested by the DFO.
12. The revised EMP and CSR cost is **attached with this affidavit.**

Table 2 – REVISED CSR BUDGET

SI. No.	Activity	Cost (in Rs.)
1.	Development of a nearby school including upgradation of infrastructure, sports facilities, Digital library etc after due consultation with Education Department	30,00,000/-
TOTAL		**30,00,000/-**

Table 3 REVISED EMP BUDGET

SI. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs)
		1st year	2nd yr onwards
1.	Pollution Control Dust Suppression /Water Sprinkling	4,00,000	2,00,000
2.	Baseline Monitoring & Replenishment study	5,00,000	4,00,000
3.	Green belt development	15,00,000	3,00,000
4.	Maintenance of haul road	15,00,000	5,00,000
5.	RWH pits (6 pits) at Panchayat assets in Village Shamtoo & Rattewali	3,00,000	1,00,000
	Total	**42,00,000**	**15,00,000**

Manpower Details

S. No.	Category	Numbers
1	Manager Mines	1
2	Assistant Manager	1

3	Skilled Personnel	10
4	Un-skilled Personnel	10
	Total	**22**

Plantation Plan

Year	No. of plants	Location		
		Along approach road	At other place in Village like gram panchayat, schools after consulting local authorities	Village site & Coordinates
1st	3,100	104	2,996	In village Rattewali – 30°38'13.51"N 76°58'56.13"E In any panchayat asset, Shamtoo 30°37'24.09"N 76°58'43.59"E
2nd	3,100	104	2,996	
3rd	3,100	104	2,996	
4th	3,100	104	2,996	
5th	3,100	104	2,996	
Total	**15,500**	**520**	**14,980**	

- PP has already written to the sarpanches of Village Ratterwali and Shamtoo to provide land to develop fruit orchid plantation.
- The said land will be developed as community plantation with Fruit bearing plants and medicinal plants such as amla, mango, Guava,Ber Etc.
- The land developed shall be handed over to the panchayat for their further use as deemed fit.

Land Use Pattern

S. No.	Type of Land use	Present Land use (Ha.)	At the end of 5th Year (ha.)
1	Pit Area	0.00	0.00
2	Dump Area	0.00	0.00
3	Safety Zone	12.25	12.25
4	Infrastructure (Office, Temp. shelter etc) in restricted zone	0.00	0.00
5	Mineral Storage	0.00	0.00
6	Plantation	0.00	5.00
7	Un-worked	34.25	0.00
8	Naturally reclaimed area	-	34.25
Total lease area		**46.50**	**46.50**

List of Machinery

S. No.	Name of machinery	Capacity	Nos.

1	Chain Mounted Excavators/ Loaders	1.30-2.0 m^3	*06*
2	Tippers, Trucks and tractor Trolleys	25 tons	41
3	Water Tanker	4000 liters	*2*
4	Light vehicles	--	*2*

A detailed discussion was held on the documents submitted regarding LOI, Mining Plan, Replenishment Report, Water, Production Capacity, Lease Area, Trees, EMP, CSR, SoP for Haul Road as well as the submissions made by the PP.

The Committee thoroughly discussed the contents of affidavit and documents submitted by the PP at length. The PP also raised amount earmarked for various activities under CSR, EMP and Occupational Health. The PP has proposed rate of production as **18,00,000 TPA but committee decided to approve production for only 12,00,000 TPA i.e.3 times of the already approved production i.e. 4,00,000 TPA as per earlier EC,** at **"Shamtoo-1 Block/PKL B-11" located at Village Shamtoo & Rattewali, District Panchkula, State Haryana.** The representative from the Mines & Geology Department, Haryana, Sh. Sanjay Simberwal, ME was also present in the meeting and authenticated the DSR, Mining Plan etc. approved/issued by the Mines & Geology Department, Haryana in this case.

After detailed deliberations, the Committee decided to recommend the case to SEIAA for granting of EC under Category B1, 1(a) of EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India **till the validity of Mining plan or Validity of Lease whichever is earlier** of mining of Boulder, Gravel & Sand of **12,00,000 TPA** at **"Shamtoo-1 Block/PKL B-11" located at village Shamtoo & Rattewali, District Panchkula with production capacity of 12,00,000 TPA** keeping in view of LOI and DSR/approved Mining Plan/ToR/EIA Report with **maximum depth of 3 meter to** M/s Starex Mineral with the following specific and general stipulations:

A: Specific Conditions:-

1. The PP shall restrict maximum mining depth upto 3 meters above the Ground Water Table as per approved Mining Plan.
2. The PP shall comply with Sand and Mining Enforcement & Monitoring Guidelines for Sand Mining, 2020.
3. The PP shall construct the pucca link roads connected to the main road at the mining site before the start of mining.
4. The PP shall construct the Haul roads of width 10 meters.
5. The PP shall provide only one exit and one entry to the Mining Project area and all the mining shall be dispatched through E-billing.

6. The PP shall maintain an un-mined block of 50 meters width after every block of 1000 meters over which mining is undertaken or at such distance as may be directed by the Director or any officer authorized by him.
7. The PP shall restrict mining within the central 3/4th width of the river/rivulet.
8. The PP shall not permit any mining in a river bed up to a distance of five times of span of a bridge on upstream and ten times the span of such bridge on downstream side, subject to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
9. The PP shall not permit any mining in an area up to width of 500 meters from the active edges of embankments in case of River Yamuna, 250 meters in case of Tangri, Markanda and Ghaggar and 100 meters on either side of all other rivers/rivulets.
10. Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
11. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of work.
12. Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
13. The PP shall take precautions to suppress the dust in and around the mining site. The PP shall use high pressure sprinklers instead of conventional sprinkles for efficient dust suppression.
14. The PP shall develop greenbelt/landscape area in community/Panchayati area of the nearby village and project site area in consultation with local people and other stake holders to meet with the demand of public hearing
15. The PP shall create environment division unit in the project for implementing the conditions of Environment clearance.
16. The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtain the CTO from HSPCB after the approval from CGWA.
17. The PP shall adhere to the approved mining plan and approved closure plan by the competent authority.
18. Action plan for the public hearing issues shall be complied in letter and spirit.
19. The Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
20. The Project proponent shall comply all the measures, conditions suggested in the approved mining plan with post closure mine plan, Environmental Management Plan (EMP) in a letter and spirit.
21. Any change in stipulations of EC of the approved mining plan will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance
22. The PP shall submit the approved Wildlife Conservation Plan by Chief Wildlife Warden/Competent Authority before the start of the mining.
23. The PP shall submit KML file of the project with SEIAA before start operation of the mining activities.

Standard Conditions will be same as per the standard conditions specified by the MoEF&CC.

311.11 EC for proposed Naulatha Cement Grinding Unit with Cement Production capacity of 1 x 4.0 Million MTPA at Village Naulatha, Tehsil: Israna, District Panipat, State: Haryana M/s. Ambuja Cements Limited (ACL), a group company of Adani Group.

Project Proponent : Sh.Sanjay Prasad
Consultant : M/s Ecomen Mining Pvt. Ltd.

The Project Proponent submitted online Proposal No.SIA/HR/IND1/518982/2025 dated 22.01.2025 for obtaining **Environment Clearance** under Category 3(b) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 001097 dated 27.12.2023 during the submission of ToR. The ToR was granted to the project on 06.04.2024.

Table 1 – Basic Detail

Name of the Project : EC for proposed Naulatha Cement Grinding Unit with Cement Production capacity of 1 x 4.0 Million MTPA at Village Naulatha, Tehsil Israna, District Panipat, State: Haryana by M/s. Ambuja Cements Limited (ACL), a group company of Adani Group by M/s Ambuja Cement Limited			
Sr. No.	**Particulars**		**Details**
1.	Online Proposal Number		SIA/HR/IND1/518982/2025
3.	Latitude		29°18'41.71"N
4.	Longitude		76°52'49.97"E
5.	Plot Area		9.28 Ha.
9.	Proposed Built Up Area		2.07 Ha.
10.	Total Green Area		3.23 Ha.
11.	Rain Water Recharging Pits		2 Nos.
12.	Proposed STP & ETP Capacity		STP-15 KLD
13.	Proposed total Parking		NA
14.	Organic Waste		25 TPA, 71 Kg/Day (1 Nos Decomposer)
16.	Power Requirement		23 MW
17.	DG set Backup with Number		1250 kVA- 1 Nos
18.	Total Water Requirement		400 KLD
19	Domestic Water Requirement		10 KLD
20.	Fresh Water Requirement		400 KLD
21.	Treated Water		6 KLD
22.	Waste Water Generated		10 KLD (Domestic)
23.	Solid Waste Generated		3.9 TPA
24.	Total Cost of the project:	i) Land Cost	Total Cost- 1059 Crores Land Cost :- 18.0 crores
		ii)Construction & Other cost	Construction Cost :- 360 Crores Other Cost- 681 crores
25.	EMP Budget **(per year)**	Capital Cost	EMP Cost – 55 Crores
		Recurring Cost	Recuring Cost – 12.5 crores
26.	Incremental Load in respect of:	PM_{10}	0.53 ug/m3
		NO_2	0.21 ug/m3
		SO2	0.64 ug/m3

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

1. That, we have proposed to establish the Naulatha Cement Grinding Unit with Cement Production capacity of 1 x 4.0 Million MTPA at Village: Naulatha, Tehsil: Israna, District: Panipat, State: Haryana by M/s. Ambuja Cements Limited (ACL), a group company of Adani Group Business. The proposed project is falling under S.no. 3(b) Cement Plants and categorized under category B1, EIA Notification dated Sep 14th, 2006 and its subsequent amendments issued by MOEF&CC.
2. That, the land proposed during ToR application is 9.28 Ha. Currently, the land is owned by Adani Agri Logistics Panipat Ltd, a subsidiary of the Adani Group. Ambuja Concrete Ltd, having 99% shareholding in Ambuja Cement North Pvt. Ltd. which is established and working under umbrella of Ambuja Cements Limited. Copy of shareholding pattern is enclosed as **Annexure 1.** Lease deed has been executed between Adani Agri Logistics Panipat Ltd, and Ambuja North Pvt. Ltd. vide dated 08.10.2024. Copy of Lease Deed is enclosed as **Annexure 2**. We assure that CLU will be obtained prior to start of construction work.

SN	Village Name	Khawat No/ Jamabandi No	Land Owner	Khasra No./Kila No	Kanal	Marla	Total Area Acer
1.	Naulatha	278//232	Adani Agri Logistics Panipat Limited (AALPL)	126//8	2	3	0.26875
				126//13	10	6	1.2875
				126//14	8	0	1
				126//17/1	6	0	0.75
				126//18/1	6	0	0.75
				126//19.1	7	2	0.8875
				Total Land	**39**	**11**	**4.94375**
2.	Naulatha	273//228	Adani Agri Logistics Panipat Limited (AALPL)	126//19/2/2	2	17	0.35625
				126//21/1	3	5	0.40625
				126//21/2	4	2	0.5125
				126//21/1/1	0	18	0.1125
				126//21/1/2	1	3	0.14375
				Total Land	**12**	**5**	**1.53125**
3.		271//228	Adani Agri Logistics Panipat Limited (AALPL)	125//25/2/1	0	4	0.025
				125//25/2/2	2	2	0.2625
				125//154/1	7	12	0.95
				125//155/5	10	14	1.3375
				Total Land	**20**	**12**	**2.575**
4.	Naulatha	268//228/1	Adani Agri Logistics Panipat Limited (AALPL)	154//2/2	7	11	0.94375
				3/2/1	5	1	0.73125

						7	
				7/2	5	0	0.625
				8	8	0	1
				Total Land	**26**	**8**	3.3
5.	Naulatha	216//568 Min	Adani Agri Logistics Panipat Limited (AALPL)	155//21	7	18	0.9875
				22	8	0	1
				Total Land	**22**	**8**	**1.9875**
6.	Naulatha	515//447	Adani Agri Logistics Panipat Limited (AALPL)	155//6	8	0	1
				7	10	16	1.35
				13	10	18	1.3625
				14	8	0	1
				15	8	0	1
				18/2	4	1	0.6
				19	11	0	1.375
				Total Land	**61**	**10**	7.687501
7	Naulatha	126//5/1	Adani Agri Logistics Panipat Limited (AALPL)	126//5/1	1	11	0.19375
				126//7	5	16	0.725
				Total Land	**7**	**7**	**0.91875**
Grand Total							**22.943**

1 kanal=0.125 Acer, 1 Marla= 0.00625001 Acer, 1 Kanal=20 marla

3. That, the freshwater requirement will be 400 KLD which will be sourced from ground water for which prior permission from Haryana Water Resources Authority will be obtained before the start of construction and operation of industry.
4. That, the project will be ZLD and no effluent generation in the proposed project. The only wastewater generation will be sewage of 10 KLD which will be treated in the proposed STP of total capacity of 15 KLD and treated water will be reused in the gardening & other purposes.
5. That, the manufacturing process includes Clinker storage and handling, Gypsum storage and handling, Fly ash storage and handling, Cement production & Cement packing and dispatch along with the emissions control measures. The major pollutant is a dust particle and the EMP includes transportation raw material in closed vehicles, Covered Storage, covered transport belts, Concrete Road, Vacuum Sweeping & online PM emission monitoring at main stack and it will be connected with the portal of SPCB. The detailed description is available in **Annexure-3**.
6. That, this is industry is not cement plant, it's grinding unit of Cement.
7. That, we shall obtain power assurance for the project from the competent authority. Total power requirement for the proposed grinding unit will be 23 MW which is proposed from state Grid. Out of the total power consumption, 3% Green Power shall be generated by installing solar power plant outside plant premises and within the state boundary.

8. That, Total project area is 9.28 Ha and out of the total project area, 3.23 Ha area (i.e., ~34.81%) will be developed under greenbelt & plantation in accordance with CPCB guidelines. It is proposed to plant about 2500 saplings per hectare considering the survival rate of >70%. The plantation is 2.6Ha. along the boundary (82.35 %) & Block plantation will be in 0.63 Ha. (19.5 %). The Plantation details are enclosed as **Annexure-4**.
9. That, the compliance to public hearing action plan has been prepared with a total 5-year budget of Rs. 10.24 crores which includes the various socio-economic activities (including infrastructure development/ renovation of schools) and contribution towards strengthening of the Govt. Road connecting plant to NH-709 with the amount of 3.14 crores. The company will contribute for road maintenance of amounting Rs. 2 Lakhs/Annum. Details attached to **Annexure-5**.
10. That, the Consent to establish will be obtained prior the start of construction and consent to operate and hazardous waste handling authorization prior start of operation of the industry from HSPCB.
11. The cost of the project is Rs.1059 crores which includes EMP cost of Rs. 55 crores & Socio-Economic development plan cost Rs. 10.24 crores. Copy of CA Certificate is enclosed as **Annexure-6.**
12. That, I hereby give undertaking that the data and information given above are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost.

Table 2 – EMP Detail

The budget proposed for the project is 1059 crores. The cost breaks up of Capital and Recurring expenditure is indicated in the below:

Sl. No.	Particulars	Estimated Cost (Rs. In Crore)	
		Capital	Recurring
1	Air pollution Control Measures	40.3	7.7
2	Water Pollution Control Measures	4.1	0.7
3	Occupational Health and Safety	2.9	1.2
4	Environmental Monitoring	5.5	2.2
5	Green Belt Development	2.2	0.7
	Total	**55.0**	**12.5**

A detailed discussion was held on the documents submitted regarding land detail, Lease Deed, CLU, Water, ZLD, EMP, Raw Material, Power Assurance, Project Area, Greenbelt & Plantation, Public Hearing, CTE, Project Cost as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Ambuja Cement Limited as per MOU dated 14.08.2023 executed between M/s Adani Agri Logistics Panipat Limited (AALPL) and M/s Ambuja Cement Limited (ACL)

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

Specific Conditions

1. **The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2. The PP shall submit the approved Wildlife Conservation Plan before the commencement of the operation of the project.
3. The PP shall take the approval for storage of diesel if above the threshold level from the Competent Authority**.**
4. Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration. The Treated effluent from STP shall be recycled /reused for Gardening etc.
5. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria**.**
6. Separate wet and dry bins must be provided for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
7. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be ensured
8. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
9. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of operation. All the construction shall be done in accordance with the local building byelaws.
10. Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
11. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.

12. The project proponent shall comply with the provisions contained in Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility
13. The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the commencement of the project and also obtained the CTO from HSPCB after the approval from CGWA
14. The PP shall achieve Zero Liquid Discharge.
15. The PP shall obtain permission from HWRA for any ground water extraction before start of operation.
16. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of RWH pits.
17. The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
18. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
19. As proposed, **3.23 Ha area (i.e.,~34.81%) will be developed under greenbelt & plantation in accordance with CPCB guidelines. The plantation will be 2.6 Ha. along the boundary & Block plantation will be in 0.63 Ha. (19.5%).**
20. **02 Rain water harvesting pits** shall be provided for ground water recharging as per the CGWB norms.
21. **The PP shall install solar power plant i.e. equivalent to 3% of total power demand of the project, outside the project site and within the state boundary**.
22. The PP shall install required number of **Anti Smog Guns** at the project site as per the requirement of HSPCB.
23. **The PP shall carry out plantation of saplings in the proposed green area as a part of the tree plantation campaign "Ek Ped Maa Ke Naam" and shall upload the details of the same in the MeriLiFE Portal (http://merilife.nic.in)**
24. **The PP shall get project electrification plan approved from the competent authority before operation of the project.**
25. The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard Conditions will be same as per the standard conditions specified by the MoEF&CC.

311.12 Environment Clearance for proposed Setting Up Mix Land Use colony (30% Residential & 70 % Commercial) over an area measuring 4.5625 acres under TOD policy License no. 128 of 2024 dated 24.10.2024 in the revenue estate of Village Faridabad, Sector-20, Faridabad, Haryana by M/s Emarald Landplaner LLP

Project Proponent : Shri Raj Singh
Consultant : Ind Tech House Consult

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/515317/2024 dated 20.12.2024 for obtaining under **Environment Clearance** Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 501291 dated 18.12.2024.

The case was taken up in 308th meeting held on 27.12.2024. The PP and consultant appeared before the committee and presented their case. The committee discussed the case and raised following observations:

1. The PP shall submit complete Background/Introduction note of the project.
2. The PP shall submit detail of all assurances and NOCs.
3. The PP shall submit the status of Building Plan.
4. The PP shall mention area of Green and Block Plantation separately with percentage.
5. The PP shall submit Structural Stability Certificate.
6. The PP shall submit revised green plan with indicating/marking of green/block green and dimensions/distance of plants.
7. The PP shall submit detail of Additional Land for green with ownership proof.
8. The PP shall submit atleast 02 or 03 OWCs shall installed for disposal of organic waste.
9. The PP shall submit detail of ZLD
10. The PP shall submit SoP for Mechanised Parking with plans.
11. The PP shall increase Solar Power as proposed at the project site.
12. The PP shall submit detail of existing plants on the project site and process for removing or retaining those.
13. The PP shall submit affidavit about litigation, distance WLS/NBS, HT Line, Revenue Rasta, construction status.

Table 1 – Basic Detail

Name of the project: : Environment Clearance for Setting Up Mix Land Use colony (30% Residential & 70 % Commercial) over an area measuring 4.5625 acres under TOD policy License no. 128 of 2024 dated 24.10.2024 in the revenue estate of Village Faridabad, Sector-20, Faridabad, Haryana By M/S Emrald Landplanner LLP.		
Sr. No.	**Particulars**	**Total Area (in M^2)**
1.	**Online Project Proposal Number**	**SIA/HR/INFRA2/515317/2024**
2.	Latitude	28°25'15.13"N
3.	Longitude	77° 18'32.26"E
4.	Total Plot Area (m^2)	18463.78
5.	Net Plot Area (m^2)	16706.80
6.	Proposed Ground Coverage (m^2)	7638.81
7.	Proposed FAR (m^2)	59441.62
8.	Non-FAR Area (m^2)	46006.52
9.	Total Built Up area (m^2)	105448.14
10.	Total Green Area with Percentage (m^2)	2862.16 (15.5 % of plot Area)
11.	Rain Water Harvesting Pits (No.)	5
12.	STP Capacity (KLD)	300
13.	Total Parking (ECS)	963
14.	Organic Waste Converter (kg/day)	850 (1x400 kg/day + 1x450 kg/day)
15.	Maximum Height of the Building (m)	151.7
16.	Power Requirement (KW)	4792.96
17.	Power Backup (KVA)	6550

18.	Total Water Requirement (KLD)	497
19.	Fresh Water Requirement (KLD)	142
20.	Treated Water (KLD)	355
21.	Waste Water Generated (KLD)	240
22.	Solid Waste Generated (TPD)	1.72
23.	Biodegradable Waste (TPD)	0.81
24.	Maximum Number of Floors	3B+G+38
25.	No. of DU's	80
26.	EWS	14
27.	Total Cost of the project (Cr.):	280
28.	Incremental Load in respect of:	
	PM 2.5 ($\mu g/m^3$)	0.04197 $\mu g/m^3$
	PM 10 ($\mu g/m^3$)	0.069 $\mu g/m^3$
	SO_2 ($\mu g/m^3$)	0.00261 $\mu g/m^3$
	NO_2 ($\mu g/m^3$)	1.07 $\mu g/m^3$
29.	Construction Phase:	250 KVA
	Water Requirement & Source	12.48 KLD Tanker supply
	Anti-Smog Gun	4 nos.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The PP also submitted reply of observation raised in the 308th Meeting of SEAC, Haryana held on 27.12.2024 vide letter dated 22.01.2025. During this meeting, the committee discussed the reply submitted by PP and further raised some clarifications to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, Emrald Landplanner LLP proposes Mix Land Use colony (30% Residential & 70 % Commercial) over an area measuring 4.5625 acres under TOD policy license no 128 of 2024 dated 24.10.2024 in the revenue estate of village Faridabad, Sector-20, Faridabad, Haryana. Total plot area of the project is 18463.78 m2, net plot area is 16706.80 m2 and the built-up area will be 105448.14 m2.
- That, Water assurance has been obtained from HSVP vide Memo No. 71 dated 20.01.2025. Copy of the same is attached as **Annexure 1.**
- Sewer assurance has been obtained from HSVP vide Memo. No. 70 dated 20.01.2025. Copy of the same is attached as **Annexure 2.**
- STP treated water assurance has been obtained from HSVP vide Memo. No. 69 dated 20.01.2025. Copy of the same is attached as **Annexure 3.**
- Forest NOC has been obtained vide Letter no. 1393 dated 12.08.2024. Copy of the same is attached as **Annexure 4.**
- That, power assurance has been obtained**.** Copy of the same is attached as **Annexure 5.**
- That, the project is on Concept basis.
- That, we have proposed 2862.16 sqm green area within the project site. In addition to that we have proposed 1 acre land for development of block plantation in the revenue estate of village khandsa, tehsil kadipur & district Gurugram, Haryana. The

land documents will be submitted within one months to your good office. Revised landscape plan is attached as **Annexure 6.**

- That, the proposed project will be ZLD.
- That, 850 kg/day (1x 450 kg/day + 1 x 400 kg/day) OWC will be installed for treatment of biodegradable wastes.
- That, We will enhance the Solar from 90 kwp to 105 kWP.
- That, the project site has 30 number of trees which will be cut/transplanted with prior permission of the forest department.
- That, Soil investigation report, Ground Water Quality has been carried out and submitted along with Complete report.
- That, AAI NOC is attached as **Annexure 7.**
- That, no litigation is pending against the project.
- That, No Revenue Rasta, HT Line passes through the project.

Table 2 – EMP Detail

Environment Budget (Construction Phase)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
BARRICADING OF CONSTRUCTION SITE	48	3.05
ANTI - SMOG GUN WITH COMPLETE ASSEMBLY	20	2
DUST MITIGATION MEASURES	1.5	0.25
ENVIRONMENT MONITORING & 6 MONTHLY COMPLIANCE REPORT OF EC CONDITIONS		2
TOTAL	**69.5**	**7.3**

BUDGET OUTSIDE THE PROJECT SITE CER	
COMPONENT	**CAPITAL COST (Rs in Lacs)**
Adoption of School in nearby Village	35
wildlife conservation plan	10
Total	**45**

ENVIRONMENT BUDGET (Operation Stage)		
COMPONENT	**CAPITAL COST (Rs in Lacs)**	**RECURRING COST (Rs in Lacs)/Annum**
Sewage Treatment Plant and Effluent Treatment Plant	90	22
Rain Water Harvesting Pits	18	2.5
Solid Waste Storage Bins & Composter	14	2.4
Horticulture Development (Tree Plantation & Landscaping Excluding Lawn Area Development)	5	1.5

Environment Monitoring & 6 Monthly Compliances of Environment Clearance Conditions		2.00
TOTAL	**127**	**30.4**

A detailed discussion was held on the documents submitted regarding litigation, HT line, Revenue Rasta, Wildlife Sanctuary, Previous EC, Built Up Area, Construction Status, License, Collaboration Agreement, FAR, Project Cost, Forest NOC, Water Assurance, CTE, Structural Stability Certificate, Power Assurance, Fire NOC, OC, CTO, Zoning Plan, Sewer as well as the submissions made by the PP.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee rated this project with **"Gold Rating"** and was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s Emarald Landplaner LLP as per License No.128 of 2024 dated 24.10.2024 issued by Department of Town & Country Planning vide Endst No.LC-5303/JE(MK)/2024/32617 dated 24.10.2024 valid upto 23.10.2029

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

A. Specific conditions:-

1) **The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.**
2) Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled/reused for flushing. DG cooling and Gardening. The dimension of each component of STP should be properly designed as per Norms.
3) The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
4) The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
5) The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.

6) Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
7) Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time
8) The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
9) The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon foot print. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO_2 load by 30% if HSD is used
10) The PP shall install electric charging points for charging of electric vehicles.
11) Consent to establish/operate for the expansion project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
12) The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
13) That Project Proponent shall ensure that Revenue Rasta shall not be obstructed or transgressed to hamper the public movement in any way. Meaning thereby, Revenue Rasta shall remain open & accessible to public as existed earlier. Any attempt to obstruct/divert the Revenue Rasta, shall invite stern action as deemed appropriate from the Competent Authority.
14) The PP shall not carry any construction below the HT Line passing through the project, if any.
15) The PP shall obtain the Fire NOC from the Competent Authority before taking occupation of the building.
16) The PP shall not give occupation or possession before the water supply, sewage connection and electricity connection permitted by the competent authority.
17) The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
18) The PP shall carry out the quarterly awareness programs for the stakeholders of the commercial colony/project.
19) The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of **RWH Pits.**
20) The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
21) The PP may provide electric charging stations to facilitate electric vehicle commuters.
22) The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
23) Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.

24) The Project Proponent shall ensure that trees planted under the project shall be well grown healthy and established trees of more than 10cm DBH (diameter above 137cm above ground level) or more than 31.4cm in girth.
25) The Project Proponent shall ensure raising the number of established trees as per norms proposed for the project and finally approved during the EC granting process.
26) In the proposed landscape plan, native species shall be included as per the list of concerned DFO.
27) The minimum growth of trees should be 03 meters with sufficient canopy.
28) No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority.
29) Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
30) A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained and the existing trees will be counted for this purpose.
31) The species with heavy foliage, broad leaves and wide canopy cover are desirable.
32) Water intensive and/or invasive species should not be used for landscaping.
33) **The PP shall get project electrification plan approved from the competent authority before operation of the project.** 2862.16 (15.5 % of plot Area)
34) As proposed, **2862.16 (15.5 % of plot Area)** shall be provided for **green area development.** In addition to this**,** as proposed **block plantation** shall be done on 1 acre land in the revenue estate of Village Khandsa, Tehsil Kadipur & District Gurugram, Haryana
35) **05 Rain Water Harvesting Pits** shall be provided for reutilization of ground water**.**
36) The PP shall install required number of Anti Smog Guns at the project site as per the requirement of HSPCB**.**
37) **The PP shall enhance Solar Power from 90 KW to 105 KW at the project site.**
38) The PP shall register themselves on the http://dustapphspcb.com portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard Conditions will be same as per the standard conditions specified by the MoEF&CC.

311.13 Amendment in Environment Clearance for "Proposed Expansion of Godowns/ Warehouse" for other than Agriculture Produce Ware House located at Village Pathredi & Bhudka, Tehsil Manesar, Distt. Gurugram by M/s Embassy Industrial Parks Private Limited (M/s Horizon Industrial Parks Private Limited)

Project Proponent : Sh.Sujoy Kumar Das
Consultant : Ind Tech House Consult

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/519651/2025 dated 21.01.2025 for obtaining **Amendment in Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 892634 dated 16.01.2025.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 30.01.2025 mentioning therein as under:

- That, Earlier Environment Clearance was obtained vide EC Identification No.- EC23B000HR169580 dated 27/04/2023 for plot area 328452.69 m^2 and built-up area 244892.35 m^2.
- That, now land use of 231328.94 sqm out of 328452.69 sqm has been changed from ware house to Industrial. So now, the plot area of the project is changed from 328452.69 to 97123.75 sqm and total built-up area will be changed from 244892.35 sqm to 57265.1 m2. Copy of the same is attached as **Annexure 1.**
- That, Occupation certificate has been granted to the project dated 5 Feb 2019 for plot area 97123.75 sqm and built-up area 57265.1 sqm. Copy of the same is attached as **Annexure 2.**
- That, Comparative statement of the project is as below:

S. No.	Particulars	Details as per Previous EC	Changes	Total	Unit
1.	Plot Area	328452.69	-231328.94	97123.75	Sqm
2.	Proposed Ground Coverage	191569.26	-136945.13	54624.1	Sqm
3.	Proposed FAR	242892.35	-187960.79	54931.56	Sqm
4.	Total Built Up area	244892.35	-187627.26	57265.1	Sqm
5.	Total Green Area	60765.5	-43855.37	16910.1	Sqm
6.	Rain Water Harvesting Pits	74	-50.00	17 + RWH tank and Pond	Nos.
7.	STP Capacity	1190	-890	300	KLD
8.	Maximum Height of the Building Up to Terrace level (m)	14.9	No Change	14.9	m
9.	Power Requirement	17150	-9900.00	7250.0	KVA
10.	Power Backup	15525	-10525	5000	KVA
11.	Total Water Requirement	1310	-961.77	348.2	KLD
12.	Fresh Water Requirement	499	-413.86	85.1	KLD
13.	Waste Water Generated	941	-702.60	238.4	KLD
14.	Solid Waste Generated	6.97	-5.26	1.7	TPD
15.	Biodegradable Waste	4.19	-3.50	0.7	TPD
16.	Total Cost of the project	431.5	-310.4	121.10	Cr.
17.	Parking area provided	-	-	14944	Sqm

- That, Status of existing environment feature and completion schedule is as below:

S. NO.	PARTICULARS	STATUS	Schedule of completion
1	STP	155 KLD (90 KLD+65 KLD) of STP is installed at site.	Remaining 145 KLD will be installed by Dec 2025.
2	RWH Pits	17 Rain water harvesting pit and 1 Rain water collection tank is available at site.	--

3	Green Area	16910.1 sqm green area will be developed at present approx. 290 nos. of trees already planted	Remaining trees will be planted in next monsoon and will be developed by Dec 2025.
4	OWC	1 Nos of OWC installed.	Will be installed by Dec 2025.
5	Solar	1550 kWP (1250 kWP (Myntra-AB Block), 300 kWP-HIP (Block D)	--

- That, 800 KG/Day (2x300 kg/day + 1x200 kg/day) OWC will be installed.
- That, Developed green area with details of planted species is attached as **Annexure 3.**
- That, No Revenue Rasta, HT Line passes through the project.
- That, no litigation is pending against the project.

The reply and submissions made by the PP/consultant were discussed by the committee and considered. After deliberations, the committee was of the unanimous view to recommend the case to SEIAA for **Amendment in earlier Environment Clearance (**EC Identification No.EC23B000HR169580 dated 27.04.2023**) issued to M/s Embassy Industrial Parks Private Limited (M/s Horizon Industrial Parks Private Limited)** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India. The conditions of the EC shall remain same as granted in earlier EC.

311.14 Extension of Validity of Environment Clearance issued to Group Housing project at Village Mujeri, Sector 70, Faridabad, Haryana by M/s MG Housing Private Limited

Project Proponent : Not present
Consultant : Not present

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/483683/2024 dated 25.06.2024 for obtaining **Extension of Validity of Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 504167 dated 20.06.2024.

The case was taken up in 296th meeting held on 12.07.2024 but was deferred on request of PP.

The case was taken up in 311th meeting held on 29.01.2025. However, neither PP nor consultant appeared before the committee. Therefore committee deferred the case.

311.15 Extension in Validity of Environmental Clearance (EC) for setting-up of Commercial Complex Project (3.937 Acres) at Sector-59, Village-Ullawas & Behrampur, District-Gurugram, Haryana by M/s IREO Pvt. Ltd.

Project Proponent : Shri Saket Verma
Consultant : Vardan EnviroNet

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/492995/2024 dated 25.11.2024 for obtaining **Extension in Validity of Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 528403 dated 05.08.2024.

The case was taken up in 306th meeting held on 07.12.2024. However the case was deferred on request of PP.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 31.01.2025 mentioning therein as under:

- That, Hon'ble State Environment Impact Assessment Authority (SEIAA) Haryana granted EC vide letter no. SEIAA/HR/2013/1387, dated 12.12.2013 and subsequent extension of EC vide letter no. SEIAA/HR/2020/606, dated 01.12.2020 respectively, as per the EIA notification 2006 and subsequent amendment.
- That, the proposed project having apartment/ Hotel tower, Retail block including Basements is being built over site admeasuring approx. 3.937 acres falling under the License No.56 of 2010 dated 31.07.2010 sanctioned from DTCP, Haryana.
- That, after obtaining EC & CTE as stated above, the PP had initiated the construction/ development work at project site, with due intimation to the concerned Authority through documents submission Further, PP would like to inform to your good office that, majority of work comprising of apartment/ Hotel towers & retails blocks, basements and infrastructure work have been completed at project site and PP would like to reiterate that considering the above facts & due to the lockdown imposed as per the directives issued by the Government of India because of unprecedented worldwide pandemic (COVID 19), multiple bans on construction from EPCA/ Authority over the several years besides the severe slowdown prevailing· in the real estate industry requested Hon'ble SEIAA to extend the validity of the Environment Clearance granted as per the EIA Notification 2006 & subsequent amendment thereon for completion of balance development/construction works at the project site.
- That, PP humbly submits that it has strictly followed guidelines/direction issued from time to time by Hon'ble Supreme Court/ EPCA/ HSPCB/ Local Authority regarding implementation of the Graded Response Action Plan (GRAP) as applicable to the above said Project.
- Further, PP wishes to inform you that the said project is registered under GRIHA rating system for green building certification. Also the project has been Pre-certified with "5 STAR" rating by GRIHA Council, which clearly proves our commitment towards highest sustainable environment performance.
- As per the EIA notification S.O. 1533 dated 14.09.2006 and subsequent amendment in notification vide S.O. 1141(E) dated 29.04.2015 the validity of Environment Clearance

(EC) was seven years. Further, in view of the outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, MoEF&CC vide notification S.O.221 (E.) dated 18.01.2021, has mandated that the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity Environmental Clearance granted under the provisions of this notification in view of outbreak of Corona Virus and subsequent lockdown (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid. The direction is as under:

- "…….9A. *Notwithstanding anything contained in this notification, the period from the 1st April, 2020 to the 31st March, 2021 shall not be considered for the purpose of calculation of the period of validity of Prior Environmental Clearance granted under the provisions of this notification in view of outbreak of Corona Virus (COVID-19) and subsequent lockdowns (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid."* Accordingly, the validity of Environment clearance accorded by Hon'ble SEIAA is valid till 11.12.2024.
- Subsequently as per amendment in notification S.O. 1807(E) dated 12.04.2022, validity of EC is extended till 10 years, which is further extendable by one year.
- Therefore, the EC granted to PP can be extended upto 11.12.2025 i.e. existing validity upto 23.12.2024 including 12 month extension period with reference to MoEF&CC notification S.0.221 (E.) dated 18.01.2021, plus 1 year period as per amendment in notification S.O. 1807(E) dated 12.04.2022. In view of the above points, we hereby request you to extend the validity of EC till 11.12.2025.
- Therefore, considering the above facts & also present market scenario in the hospitality/ real estate industry, we humbly request your good office to kindly revised/ extend the validity of Environment Clearance letter granted up to 11.12.2025 to carry out the balance/ remaining work as per the EIA notification 2006 & subsequent amendment thereon.
- That we will complete the remaining construction work within the one year after grant of extension of EC.
- That, Occupation Certificate has been sanctioned by DTCP Haryana for Retail blocks including Basements vide letter no. ZP-648/SD(BS)/ 2018/ 31888 dated 20.11.2018 and ZP-648/SD(DK)/ 2019/ 20633 dated 28.08.2019.
- That, CTO (Part) for Retail block is obtained for the proposed project from HSPCB though consent No. HSPCB/Consent/:329962319GUNOCTO412623 dated 15.05.2019 and subsequent renewal consent No. HSPCB/Consent/:329962324GUNOCTO8006876 dated 12/01.2024.

A detailed discussion was held on the documents submitted regarding previous EC and Extension Validity of EC, notification of COVID-19, License, Solar Power, OC, Status of Construction as well as the submissions made by the PP and the documents submitted. The earlier EC granted to the project was valid upto 11.12.2024 and PP has further sought extension of period of EC on the ground that construction could not be completed.

After detailed discussion, the committee decided to recommend the case to SEIAA for the Extension of Validity of EC from the date of expiry of EC for two years (as per MOoEF&CC

notification dated 12th April, 2022 plus 1 year as per MoEF&CC notification dated 18.01.2021 i.e. upto 11.12.2025).

311.16 EC (under violation) for Common Effluent Treatment Plant, Kutana Having Capacity 03 MLD Located In Village Kutana, Tehsil & District Rohtak Haryana By HSIIDC by M/s HSIIDC CETP Kutana

Project Proponent : Shri Ashok Kumar
Consultant : Shivalik Solid Waste Management Limited

The Project Proponent submitted online Proposal No.SIA/HR/INFRA2/458669/2024 dated 02.02.2024 for obtaining **Environment Clearance (under violation)** under Category 7(h) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,00,000/- vide DD No.554248 dated 19.12.2023.

The case was taken up in 288th meeting held on 13.03.2024. The PP alongwith consultant appeared before the committee and submitted an affidavit dated 13.03.2024 stating therein as under:

1. That M/s HSIIDC has been awarded the work of planning, designing, engineering, procurement, construction, installation, testing, commissioning and thereafter operation & maintenance of CETP at Village Kutana, Rohtak Haryana over an area of 22258.50 sq.m., adjacent to Industrial Estate Kutana, Rohtak, Haryana vide dated 15.12.2012.
2. That, a case was filed by Mr.Surender Singh, Village Kutana against M/s HSIIDC for discharging the effluent and wastewater into Drain No. 8 by the industrial unit in the HSIIDC I.E., and old IDC (Industrial Development Colony) in village Kutana, District Rohtak.
3. That the Hon'ble NGT passed an order on 05.12.2016 directing the respondent no 1 (i.e. HSIIDC) to construct and start operations of a CETP of adequate capacity in a time bound manner in response to the application OA No 611, 2016.
4. That in view of the NGT order, the construction of the CETP was started on dated 27.01.2017 to prevent the pollution from industries located in industrial estate Kutana but before the grant of Environment Clearance which is in violation of EIA Notification dated 14.09.2006.
5. That it was directed by Chief Secretary, Govt. Of Haryana that "HSIIDC will ensure timely completion of the under construction CETP at its Industrial Estate, Kutana, (Rohtak)"
6. That the project was submitted to State Level Environment Impact Assessment Authority (SEIAA), Haryana vide Proposal No.SIA/HR/MIS/19800/2017 on 11.07.2017 for approval of TOR.
7. That the project was appraised in 157th State Expert Appraisal Committee (SEAC), Meeting held on 30.08.2017 and 107th meeting of SEIAA held on 25th October' 2017 for issue of TOR for EIA study.
8. That the ToR letter was issued vide letter no.SEIAA/HR/2017/735 dated 8.11.2017 through offline mode.

9. That, the EIA study was conducted, and draft EIA report was submitted for public hearing to HSPCB, and Public Hearing was conducted on 21.06.2018. The Final EIA Report was submitted vide Proposal No.SIA/HR/MIS/57776/2017 on 26.10.2020.
10. That the case was appraised in 209th Meeting of SEAC, Haryana, but as the construction of CETP was completed, the case was recommended to SEIAA, Haryana for taking action under Section 15 of EP, Act, 1986. The project was considered by SEIAA in its 127th meeting held on 17.03.2021, 128th meeting of SEIAA held on 26.05.2021, 130th Meeting of SEIAA, Haryana held on 16.11.2021 and thereafter in 137th meeting of SEIAA held on 25.03.2022.
11. That the project was rejected by SEIAA, Haryana in its 137th meeting held on 25.03.2022 and Rejection letter was generated vide Letter No. SEIAA (137)/HR/2022/694 dated 07.04.2022 and advised to re-submit the proposal as per the guideline issued vide letter F. No 22-37/2018.IA.III dated 19.04.2021 by MOEF&CC under violation category as per SOP vide F.No.22-21/2020-IA.III dated 07.07.2021 issued by MoEFCC, GoI being a case of violation.
12. That the proposal was again submitted for TOR under violation category vide Proposal No. SIA/HR/INFRA2/410597/2022 on 20.12.2022.
13. That the project was considered by the SEAC, Haryana in its 259th meeting held on 20.01.2023 and SEIAA, Haryana in its 153rd meeting held on 15.02.2023 for approval of Terms of Reference (ToR) under violation category. Accordingly, TOR letter was issued vide Memo No. SEIAA (153)/HR/2023/161 dated 31.03.2023.
14. That the revised baseline Monitoring was done for the period from 15th December 2022 to 15th March 2023.
15. That the project was submitted for EC vide Proposal No. SIA/HR/INFRA2/458669/2024 on 05.03.2024.
16. That the construction of the project was completed on 31.10.2018, and the project is in operational phase since 01.02.2019 running with capacity of 3 MLD.

During the meeting, an order dated 02.01.2024 passed in CWP No.1394 of 2023 titled Vanshakti Vs. Union of India by Hon'ble Supreme Court was placed before the committee. It has been further apprised to the Committee that vide said order, the Hon'ble Supreme Court has put a stay in operation of the office Memoranda dated 07.07.2021 (**an SoP to be adopted in cases submitted under violation category**) and 28.01.2022 issued by the Ministry of Environment, Forest & Climate Change, GoI, till further order. The present case is submitted for granting Terms of Reference falling in violation category and vide above mentioned order, a stay has been put on the operation of Memorandum dated 07.07.2021 and 28.01.2022.

Further, an OM dated 08.01.2024 also circulated through Ministry of Environment, Forests & Climate Change, GoI reiterating the above mentioned order.

A discussion was held in the meeting and after due deliberation, the committee has decided to defer the case till further order of Hon'ble Supreme Court of India/MoEF&CC on the subject matter.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The PP submitted Damage Remediation Plan and Natural Resource & Community Augmentation Plan alongwith its budgetary provisions. A discussion was held and after discussion, the Committee found that the damage remediation plan and natural resources and accommodation plan was not prepared as per the draft guidelines of MoEF&CC for violation cases. Moreover, penalty/compensation has also not been worked out for revenue collection from the period of operation of the CETP. Therefore committee directed the PP and consultant to prepare the plan properly and decided to defer the case. The case shall be taken up as and when the complete detail is received.

311.17 EC for Proposed Expansion Stone Mining with capacity 52,00,000 MTPA (Minor Minerals) from Narnaul Stone Mine, Covering an Area of 19.89 Ha, Located at Village Raghunathpura, Tehsil Narnaul, District Mahendragarh, Haryana by M/s A N E Industries Private Limited

Project Proponent : Shri Ikbal Khan
Consultant : Parivesh Environmental Engineering Services

The Project Proponent submitted online Proposal No.SIA/HR/MIN/519787/2025 dated 22.01.2025 for obtaining **Environment Clearance for Expansion** under Category 1(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,50,000/- vide DD No.040103 dated 06.01.2025.

Table 1 – Basic Detail

S. No.	Parameters	Description
1.	Name of the project	Environmental Clearance (Expansion) of Mining of Stone (Minor Mineral) from Narnaul **Stone Mine** by M/s ANE industries Pvt. Ltd.
2.	Nature & category of Mine	Non-Coal Mining Category 'B' of Activity 1(a)
3.	Project Proponent	M/s ANE industries Pvt. Ltd.
4.	Khasra No.	387
5.	Total Lease area	19.89 Ha (Govt. Waste Land)
6.	Location of the project	Village Raghunathpura, Tehsil Narnaul, District Mahendragarh, Haryana
7.	Toposheet No.	H43W4 – Project Site G43E1, G43D13, H43W4 & H43V16- Study Area.
8.	Maximum Production Capacity	**52,00,000 TPA** *(Increase from 40,00,000 TPA to 52,00,000 TPA)*
9.	Geological Mineral Reserve	7,12,73,138 MT
10.	Reserves Blocked under Safety Zone (7.5 m)	53,71,000 MT
11.	Total Blocked Reserve	1,58,21,000 MT

<table>
<tr><th>S. No.</th><th>Parameters</th><th colspan="3">Description</th></tr>
<tr><td>12.</td><td>Mineable Reserve</td><td colspan="3">5,54,52,138 MT</td></tr>
<tr><td>13.</td><td>Life of Mine</td><td colspan="3">10.66 or say 11 years</td></tr>
<tr><td rowspan="5">14.</td><td rowspan="5">Geographical co-ordinates</td><td>Point</td><td>Longitude</td><td>Latitude</td></tr>
<tr><td>1</td><td>28°03'27"N</td><td>76°04'37"E</td></tr>
<tr><td>2</td><td>28°03'30"N</td><td>76°04'27"E</td></tr>
<tr><td>3</td><td>28°03'49"N</td><td>76°04'23"E</td></tr>
<tr><td>4</td><td>28°03'45"N</td><td>76°04'40"E</td></tr>
<tr><td>15.</td><td>Topography of ML area</td><td colspan="3">The lease area is part of an isolated mound trending roughly north-northeast to south southwest. Entire lease area consists of building stone/stone deposit. The highest surface level recorded is 379mRL, lowest surface level is 315mRL. Lowest level in the pit bottom is recorded 281.21mRL. The lease area does not have any water body.</td></tr>
<tr><td>16.</td><td>Mining Method & Technology</td><td colspan="3">The present mining operations are designed to be carried out mechanized using the open-cast mining method. The entire operation, including loading and transportation, shall be done mechanically. It is proposed to load the mineral directly into the trucks/dumpers supplied by the crusher owners/users to the end user. In the present operation, the bench height shall be 10 meters. Each bench will advance one by one. While carrying out the mining operations in accordance with the above provisions, the overall pit slope shall be maintained at 49 degrees. The mineral-bearing rocks are hard and compact, so the overall pit slope shall be maintained.</td></tr>
<tr><td>17.</td><td>Ultimate Depth of Mining</td><td colspan="3">80m (240mRL - Proposed Plan Period)
175mRL (Conceptual Period)</td></tr>
<tr><td>18.</td><td>Ground water level</td><td colspan="3">The ultimate depth of the mining will be 80m for proposed period. The general water table of the lease area is at 229m Below Ground Surface Level. There will be no intersection of water table.</td></tr>
<tr><td>19.</td><td>Drainage pattern/ water courses</td><td colspan="3">The topography of the mining lease area is characterised by hills predominantly sloping towards both the east and west. The initial mining operations have been largely conducted above the general ground level. In this phase, the mining pit is designed with one side sloping along the face of the hill, while the opposite side remains open. This design allows for natural drainage, preventing water accumulation as excess water can easily drain from the open side.
However, as mining operations progress into the lower strata beneath the general ground level, especially in the latter stages of the lease period, the mining area is expected to form a depression. This change in topography could potentially lead to water accumulation, particularly during the rainy season, posing operational and safety challenges.
To mitigate these risks, a comprehensive drainage scheme has been proposed. This scheme is designed to efficiently manage and prevent water accumulation, ensuring that mining operations can continue safely and without disruption. The implementation of such a drainage strategy is crucial for maintaining optimal working conditions and prolonging the operational life of the mine.</td></tr>
</table>

S. No.	Parameters	Description
20.	Water requirement & source	The total water requirement is 33.5 KLD. Approximately 15.0 KLD of water will be utilized for dust suppression, 2.3 KLD for greenbelt development (fresh), 10 KLD for existing plantation, and 6.2 KLD for domestic purposes. The water source will be imited to existing facilities and private water tankers.
21.	Cost of project	The capital cost for the project will be Rs.12.50 Crores including proposed lease area and machinery.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 29.01.2025 mentioning therein as under:

1. The LOI was granted in the name of M/s. A.N.E Industries Pvt. Ltd. by the Department of Mines & Geology, Haryana vide Memo No. DMG/ HY/ ML/ Narnaul/ 2013/163, dated 03/01/2014 for the period of 12 years.
2. The cluster certificate was issued by Office of Mines & Geology Department, Narnaul vide Memo. No. 7445 dated 07.01.2025. It confirmed, there is no other operational mining lease within 500m radius from lease.
3. The Director General, Mines & Geology, Haryana, approved the Modified Mining Plan and Progressive Mine Closure Plan vide reference no. DMG/ HY/ MP/ MGH/5755 Panchkula Dated 31.12.2024, subject to compliance with statutory laws, including the Mines and Minerals (Development & Regulation) Act, 1957, the Forest Conservation Act, 1980, and the Environment Protection Act, 1986.
4. With reference MoEF&CC OM No. IA3-22/10/2022-IA.III [E 177258] dated 11.04.2022 Public hearing is exempted for the current project as this project has got the public hearing once done for the existing capacity and now the proposed expansion is <40%. Now we are proposing the increment of about 30% in production. Enclosed as Annex with Affidavit.
5. The NOC has been obtained from the Divisional Forest Officer, Mahendragarh vide reference no. 564 dated 22.05.2014. As per records available, land is not part of notified Reserved Forest, Protected Forest.
6. This is the existing mining lease, having the valid environment clearance issued by MoEF&CC vide reference no. J-11015/ 109/ 2014-IA.I (M) dated 17.04.2015.
7. The certified compliance report has been obtained vide reference no. HSPCB/MG/2024/877 dated 05.12.2024 from the Haryana State Pollution Control Board, Panchkula.
8. Consent of operate (CTO) was renewed vide reference no. HSPCB/ Consent/ 313100420MAHCTO7794676 dated 05.08.2020 for the period of 5 years (Valid up to 30.09.2025).
9. This is the existing mining operational lease. The conservation plan for the wildlife was prepared and approved by Forest Department, Government of Haryana O/o PCCF cum Chief Wildlife Warden, Haryana on 29.08.2018 vide letter no. 1869.
10. The earlier stone production details from May 2015 to December 2024 were certified by Office of Mines & Geology Department, Narnaul vide Memo. No. 7489 dated 08.01.2025.
11. The NOC from Raghunathpura Panchayat has been obtained vide dated 07.01.2025 for the mining operations.

12. District Survey Report (DSR) was approved by Office of Mines & Geology Department, Narnaul vide Memo. No. 7444 dated 07.01.2025.
13. Permission for Heavy Earth Moving Machinery in conjunction with a system of deep hole drilling and blasting has been obtained from DGMS Ghaziabad vide reference no. 517517 |NZ| Ghaziabad Region| Perm| 2022| 250952 Ghaziabad Dated 27.10.2022.
14. The standard ToR was issued by State Level Environment Impact Assessment Authority, Haryana vide TOR identification No. TO25B0108HR5443584N dated 20.01.2025. Baseline studies have been done for one season (post-monsoon) i.e., from October to December 2024.
15. The project cost is 12.5 Crores as CA certificate have been enclosed. CA certificate for previous EMP & CSR also obtained and enclosed. Enclosed as Annexures with affidavit.
16. Mining will be done by in accordance of approved mining plan.
17. We hereby confirm that no complain or any litigation is pending against the proposed project.
18. The equipment details are enclosed as annexure with affidavit.
19. All the statutory requirements / approvals have been obtained.

Table 2 – EMP Detail

ENVIRONMENT MANAGEMENT BUDGET (2 YEARS – Plan Period)

The total EMP cost 28.4 lakh which is about 2% of total project cost (12.5 Cr).

S. No.	Particulars	Capital	Recurring	Total
1	Pollution monitoring (Air, Water, Noise)	₹ 0	₹ 1,00,000	₹ 2,00,000
2	Pollution Control – Water sprinkling	₹ 0	₹ 6,00,000	₹ 12,00,000
3	Wire fencing at plantation sites	₹ 0	₹ 50,000	₹ 1,00,000
4	Plantation including maintenance	₹ 1,50,000	₹ 75,000	₹ 3,00,000
5	Rainwater harvesting	₹ 2,00,000	₹ 20,000	₹ 2,40,000
6	Haul / Approach Road Maintenance	₹ 0	₹ 4,00,000	₹ 8,00,000
	Total	**₹ 3,50,000**	**₹ 12,45,000**	**₹ 28,40,000**

ANNUAL BUDGET FOR CER

S. No.	Description	Capital Budget	Recurring Budget
1	Adoption of Govt. school (Raghunathpura) for upgradation of facilities like scholarships, computer lab, solar lights, sets / benches & sanitation	20,00,000	₹ 5,00,000
2	Streetlights in Panchayat and roads		₹ 50,000
3	Assistance to self-help groups		₹ 50,000
	Total	**20,00,000**	**₹ 6,00,000**

ANNUAL BUDGET FOR OCCUPATIONAL HEALTH & SAFETY

S. No.	Description	Budget
1	Health check-up camps (Six Monthly)	₹ 1,00,000
2	Insurance cover of workers	₹ 2,50,000
3	Safety Kits (Gloves, Helmets & Others)	₹ 1,00,000
4	Safety Trainings (Six Monthly)	₹ 1,00,000
	Total	**₹ 5,50,000**

MACHINERY LIST

S. NO.	EQUIPMENT	SIZE	NO.
1	Hydraulic Excavator for Loading of mineral	2.2 cum	8
2	Rock breaker (Hydraulic Excavator) as substitute to secondary blasting	30T	3
3	Rear dumpers for transportation of mineral from mine to destination	40T	45
4	Drill Machine with compressor of 365 cfm capacity.	100 - 110mm	7
5	Track chain Dozer	350 HP	1
6	Pay loader (General Purpose, loading etc.)	145 HP	1
7	Water sprinkler	10 KL	2
8	Mobile Maintenance van		1
9	Tractor	50hp	1

EXCAVATOR DETAILS

S. NO.	EXCAVATOR CATEGORY	CAPACITY
A	Diesel Hydraulic Shovel	2.2 cum
B	Fill Factor	90%
C	Tonnage Factor	2.5
D	Availability of Excavator	80%
E	Utilization of Excavator	80%

DETAILS OF DRILLING MACHINERY

S. NO.	DRILLING PERFORMANCE	DETAILS
1	A machine can drill total of meters in a shift	80m
2	Total drill meters required per day	924 m
3	Total no of machines required per day	5.775
4	20% consideration for maintenance and spare capacity	1.15
5	Total no of machines required (6.93 say 7)	7

PROPOSED PLANTATION DETAILS

Year	Plantation Proposed	Survival 80%	Gap Plantation
I	1163	930	-
II	1163	930	466
Total	**2326**	**1860**	**466**

PLANTATION SCHEME

S. No.	Trees	Nos.	Plantation Area
1	Neem, Pipal, Mango, Ber, Guava, Jamun and other local fruit species	1,000	Barrier Zone
2		1,000	Panchayat & School Zone
3		326	Approach Road
	Total	**2,326**	**-**

A detailed discussion was held on the documents submitted regarding LOI, Mining Plan, DSR, Water, Production Capacity, Lease Area, Plantation, EMP, CSR, SoP for Haul Road as well as the submissions made by the PP.

The Committee thoroughly discussed the contents of affidavit and documents submitted by the PP. The PP also raised amount earmarked for various activities under CSR, EMP

and Occupational Health. The PP has proposed expansion in rate of production as **52,00,000 MTPA (Minor Mineral) from Narnaul Stone Mine, covering an area of 19.89 Ha located at Village Raghunathpura, Tehsil Narnaul, District Mahendergarh, Haryana.** The representative from the Mines & Geology Department, Haryana, Sh.Sanjay Simberwal, ME was also present in the meeting and authenticated the DSR, Mining Plan etc. approved/issued by the Mines & Geology Department, Haryana in this case.

After detailed deliberations, the Committee decided to recommend the case to SEIAA for granting of EC under Category B1, 1(a) of EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India **till the validity of Mining plan or Validity of Lease whichever is earlier** of mining of Stone of **52,00,000 MTPA (Minor Mineral)** under 1(a) Mining of Minerals of the EIA notification 2006, **from Narnaul Stone Mine, covering an area of 19.89 Ha located at Village Raghunathpura, Tehsil Narnaul, District Mahendergarh, Haryana** as per LOI and DSR/approved Mining Plan/ToR/EIA Report to:

> **M/s ANE Industries Private Limited as per the LoI issued by the Department of Mines & Geology, Haryana vide Memo No. DMG/ HY/ ML/ Narnaul/ 2013/163, dated 03/01/2014.**

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

A: Specific conditions

1. The Environmental Clearance is granted subject to the Final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of India and any other court of law, if any as applicable to this project.
2. The PP shall construct the pucca link roads to the mining site before the start of mining.
3. The PP shall prepare the Mine safety plan and get it approved from the competent authority before the start of mining
4. The Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers.
5. Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The Project Proponent shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.
6. Likewise, Alteration or re-routing of foot paths, pagdandies, cart roads, and village infrastructure public utilities or roads (for purposes of land acquisition for mining) shall be avoided to the extent possible and in case such acquisition is inevitable,

alternative arrangements shall be made first and then only the area acquired. In these types of cases, inspection Reports by site visit by experts may be insisted upon which should be done through reputed institutes.

7. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
8. The PP shall ensure that the amount as earmarked in EMP Budget for Development and Maintenance of Haulage Route as demanded by the locals during the Public Hearing be spent.
9. The EMP cost on Socio Economic Activities shall be used at the project site and EMP recurring for the project shall be spent throughout the operation of the project.
10. Socio Economic Development of the neighbourhood Habitats could be planned and executed by the Project Proponent more systematically based on the 'Need based door to door survey' by established Social Institutes/Workers. The report shall be submitted to the SEIAA on six monthly bases.
11. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tank, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.
12. Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented
13. An independent study be organized during peak activity, to understand how the actual compare with the carrying capacities and further decisions taken to maintain sustainability of this essential stone extraction and supply activity. Project Proponent shall ensure that the road may not be damaged due to transportation of stone.
14. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project.
15. No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
16. Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The PP shall complete all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing.
17. The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. In case of working below ground water table, prior

approval of the Ministry of Environment, forest and Climate Change and Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out; The Report on six monthly basis on changes in Ground water level and quality shall be submitted to the Regional Office of the Ministry.

18. The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also be done regularly Vehicles with PUCC only will be allowed to ply. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centres.
19. There shall be planning, developing and implementing facility of rainwater harvesting measures on long terms basis in consultation with Regional Director, Central Groundwater Board and implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.
20. Where ever blasting is undertaken as part of mining activity, the Project Proponent shall carry out vibration studies well before approaching any such habitats or other buildings, to evaluate the zone of influence and impact of blasting on the neighbourhood. Within 500 meters of such sites vulnerable to blasting vibrations avoidance of use of explosives and adoption of alternative means of mineral extraction, such as ripper/dozer combination/rock breakers/surface miners etc. should be seriously considered and practiced wherever practicable. A provision for monitoring of each blast should be made so that the impact of blasting on nearby habitation and dwelling units could be ascertained. The covenant of lease deed under Rule 31 of MCR 1960 provides that no mining operations shall be carried out within 50 meters of public works such as public roads and buildings or inhabited sites except with the prior permission from the competent authority
21. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of work.
22. Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
23. The PP shall take precautions to suppress the dust in and around the mining site and use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
24. Implementation of Haryana Government Rehabilitation and Resettlement of Land Owners' Policy as per applicability in the area shall be ensured.
25. Implementation of Environment Management Policy of the Company w.r.t. judicious use of Mineral resources for growth & development synchronizing mining & environment with prosperity shall be ensured.
26. The Project Proponent shall also take all precautionary measures during mining operation for conservation and protection of endangered flora/fauna, if any, spotted in the study area.
27. The illumination and sound at night at project site, disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. Project Proponent must ensure that the biological clock of the villages is not disturbed; by orienting the

floodlights/masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.

28. A comprehensive study for slope stabilization of mine benches and OB dumps shall be undertaken within one year.
29. The PP shall manage the overburden at the mining site if left after sale.
30. Washing of all transport vehicles should be done inside the mining lease.
31. The PP shall create environment division unit in the project for implementing the conditions of Environment clearance.
32. The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project if any and also obtained the CTO from HSPCB after the approval from CGWA
33. Any change in stipulations of EC of the approved mining plan will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance
34. The PP shall adhere to the approved mining plan and approved closure plan by the competent authority.
35. **The PP shall get the Wildlife Conservation Plan approved from competent authority before start of Mining Operations.**
36. **The PP shall plant 2,326 trees at the project site as proposed in Plantation Plan**
37. **The PP shall construct septic tank of appropriate capacity to treat domestic waste water.**

Standard Conditions will be same as per the standard conditions specified by the MoEF&CC.

311.18 EC for proposed Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Chandhut (South) Unit) with 43,35,000 MT/ year production over an area of 245.39 acres (98.156 ha) located at Village Chandhut South, Tehsil & District Palwal and State Haryana by M/s Apex Project Works

Project Proponent : Shri Ishwar Sharma
Consultant : Parivesh Environmental Engineering Services

The Project Proponent submitted online Proposal No. SIA/HR/MIN/519696/2025 dated 22.01.2025 for obtaining **Environment Clearance** under Category 1(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.1,50,000/- vide DD No. 000134 dated 17.05.2024 during the submission for ToR. The ToR was granted to the project on 12.06.2024.

Table 1 – Basic Detail

S. No.	Parameters	Description
1.	Name of the project	Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Chandhut (South) Unit) by M/s Apex Project Works.
2.	Nature & category of Mine	Non-Coal Mining Category 'B' of Activity 1(a)
3.	Project Proponent	M/s Apex Project Works
4.	Khasra No.	**For Mining** **77//** 14, 15 min, 16 min, 17, 24 min, 25 min,

<table>
<tr><th>S. No.</th><th>Parameters</th><th>Description</th></tr>
<tr><td></td><td></td><td>107//, 4 min, 7 min, 14 min, 15 min, 16 min, 17, 24, 25 min,
115//, 1 min, 10 min, 11 min, 12 min, 19 min, 20, 21, 22 min,
116//, 3, 4, 5, 6, 7, 8, 13, 14, 15, 16, 17, 18, 23, 24, 25,
146//, 3, 4, 5, 6, 7, 8, 9, 11 min, 12, 13, 14, 15, 16, 17, 18, 19, 20 min, 21 min, 22, 23, 24, 25,
147//, 1, 2 min, 3 min, 8 min, 9, 10, 11, 12, 13 min, 17 min, 18, 19, 20, 21, 22, 23, 24 min
151//, 10 min, 11 min, 12 min, 13 min, 18 min, 19, 20, 21, 22, 23, 24 min
152//, 17, 18, 19, 20, 21 min, 22 min, 23, 24, 25
153//, 1 min, 2 min, 3, 4, 5, 6, 7, 8, 9 min, 12 min, 13 min, 14, 15, 16, 17 min, 18 min, 24 min, 25 min,
182//, 2 min, 3 min, 4, 5, 6, 7, 8 min, 13 min, 14, 15, 16, 17, 18 min, 23 min, 24, 25,
183//, 1, 2, 3, 4 min, 5 min, 6 min, 7, 8, 9, 10, 11, 12, 13, 14, 15 min, 16 min, 17, 18, 19, 20, 21, 22, 23, 24, 25,
186//, 1, 2, 3, 4, 5 min, 6 min, 7, 8, 9, 10, 11, 12, 13, 14, 15 min, 16 min, 17, 18, 19, 20, 21, 22, 23, 24, 25 min,
187//, 2 min, 3, 4, 5, 6, 7, 8, 9 min, 12 min, 13, 14, 15, 16, 17, 18, 19 min, 21 min, 22 min, 23, 24, 25,
215//, 16 min
216//, 1 min, 2, 3, 4, 5, 6, 7, 8, 9, 10 min, 11 min, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 min, 22 min, 23, 24, 25,
217//, 1, 2, 3, 4, 5 min, 6 min, 7 min, 8, 9, 10, 11, 12, 13, 14 min, 17 min, 18, 19, 20, 21, 22, 23 min,
220//, 1, 2 min, 3 min, 9 min, 10 min,
221//, 3 min, 4 min, 5, 6 min.
293 min.
For Ancillary area
105// 21, 22, 23, 24, 25
118// 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15.</td></tr>
<tr><td>5.</td><td>Total Lease area</td><td>98.156 Ha (245.39 Acre) - Riverbed of Yamuna River</td></tr>
<tr><td>6.</td><td>Location of the project</td><td>Village- Chandhut South, Tehsil & District- Palwal, Haryana</td></tr>
<tr><td>7.</td><td>Toposheet No.</td><td>H43X8 - Project Site & G43F5, G43F9, H43X7, H43X8, H43X11 & H43X12 - Study Area.</td></tr>
<tr><td>8.</td><td>Maximum Production Capacity</td><td>43,35,000 Metric Tonne / Year</td></tr>
<tr><td>9.</td><td>Geological Mineral Reserve</td><td>49,25,880 Metric Tonne</td></tr>
<tr><td>10.</td><td>Blocked Mineral Reserve</td><td>5,90,112 Metric Tonne</td></tr>
<tr><td>11.</td><td>Mineable Reserve</td><td>43,35,768 Metric Tonne</td></tr>
<tr><td>12.</td><td>Geographical co-ordinates</td><td>
<table>
<tr><th>Point</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td colspan="3">Chandhut (South)</td></tr>
<tr><td>A1</td><td>28° 7' 22.4796"N</td><td>77° 29' 23.399" E</td></tr>
<tr><td>B1</td><td>28°7' 15.652" N</td><td>77°29' 21.692" E</td></tr>
<tr><td>C1</td><td>28°6' 51.324" N</td><td>77°29' 38.139" E</td></tr>
<tr><td>D1</td><td>28°6' 49.868" N</td><td>77°29' 45.677" E</td></tr>
<tr><td>E1</td><td>28°6' 46.099" N</td><td>77°29' 50.988" E</td></tr>
<tr><td>F1</td><td>28°6' 39.589" N</td><td>77°29' 55.700" E</td></tr>
<tr><td>G1</td><td>28°6' 33.250" N</td><td>77°29' 54.415" E</td></tr>
<tr><td>H1</td><td>28°6' 25.798" N</td><td>77°29' 51.588" E</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><th>S. No.</th><th>Parameters</th><th colspan="3">Description</th></tr>
<tr><td></td><td></td><td>I1</td><td>28°6' 19.887" N</td><td>77°29' 46.534" E</td></tr>
<tr><td></td><td></td><td>J1</td><td>28°6' 15.97" N</td><td>77°29' 36.67" E</td></tr>
<tr><td></td><td></td><td>L1</td><td>28°6' 22.16" N</td><td>77°29' 24.65" E</td></tr>
<tr><td></td><td></td><td>M1</td><td>28°6' 31.708" N</td><td>77°29' 29.316" E</td></tr>
<tr><td></td><td></td><td>N1</td><td>28°6' 43.035" N</td><td>77°29' 33.998" E</td></tr>
<tr><td></td><td></td><td>N2</td><td>28°6' 45.131" N</td><td>77°29' 32.411" E</td></tr>
<tr><td></td><td></td><td>N3</td><td>28°6' 46.154" N</td><td>77°29' 24.476" E</td></tr>
<tr><td></td><td></td><td>O1</td><td>28°6' 48.827" N</td><td>77°29' 18.139" E</td></tr>
<tr><td></td><td></td><td>O2</td><td>28°6' 52.236" N</td><td>77°29' 14.026" E</td></tr>
<tr><td></td><td></td><td>P1</td><td>28°6' 55.886" N</td><td>77°29' 11.661" E</td></tr>
<tr><td></td><td></td><td>P2</td><td>28°6' 59.260" N</td><td>77°29' 10.000" E</td></tr>
<tr><td></td><td></td><td>Q1</td><td>28°7' 2.766" N</td><td>77°29' 9.457" E</td></tr>
<tr><td></td><td></td><td>R1</td><td>28°7' 13.205" N</td><td>77°29' 12.799" E</td></tr>
<tr><td></td><td></td><td>R2</td><td>28°7' 18.063" N</td><td>77°29' 12.912" E</td></tr>
<tr><td></td><td></td><td>S1</td><td>28°7' 22.419" N</td><td>77°29' 12.698" E</td></tr>
<tr><td>13.</td><td>Topography of ML area</td><td colspan="3">Highest elevation in riverbed at extreme north end is 127.25 mRL and bank top level is 130.0 mRL whereas the levels at the extreme south end in riverbed is 124.78 mRL and Riverbank top is 128.17 mRL.
The Yamuna River flows from N to S direction in Chandhut revenue village.</td></tr>
<tr><td>14.</td><td>Mining Method & Technology</td><td colspan="3">Mining activity will be carried out by opencast mechanized method by forming one bench of 3 m high in riverbed. There are no existing pits at present as the mining activities are closed for the last few years. The sand will be excavated by backhoe type excavators directly loading into dumpers/trucks for dispatch to consumers situated in and around Delhi/NCR. Loading of mineral shall be mechanical, while transport of mineral out by the riverbed shall be done through private truck owners. Adequate quantity of sand reserves is available for meeting consumer demand.</td></tr>
<tr><td>15.</td><td>Ultimate depth of Mining</td><td colspan="3">3 m from the riverbed of Yamuna River</td></tr>
<tr><td>16.</td><td>Ground water level</td><td colspan="3">05 - 10 m from the surface level</td></tr>
<tr><td>17.</td><td>GWT intersection</td><td colspan="3">Mining will be done only up to 3 m from surface. So, ground water table will not be intersected.</td></tr>
<tr><td>18.</td><td>Working Days</td><td colspan="3">268 Days</td></tr>
<tr><td>19.</td><td>Drainage pattern/ water courses</td><td colspan="3">Mining will be done in dry riverbed; stream will not be touched and will be done only during non-monsoon period.</td></tr>
<tr><td>20.</td><td>Water requirement & source</td><td colspan="3">The source of water is private water tankers. The break-up of water requirement is as follows:
<table>
<tr><th>S. No.</th><th>Description</th><th>Demand</th></tr>
<tr><td>1</td><td>Dust Suppression</td><td>16.10 KLD</td></tr>
<tr><td>2</td><td>Greenbelt Development</td><td>13.70 KLD</td></tr>
<tr><td>3</td><td>Domestic Requirement</td><td>7.90 KLD</td></tr>
<tr><td colspan="2">Total</td><td>37.70 KLD</td></tr>
<tr><td colspan="2">Says</td><td>38.00 KLD</td></tr>
</table></td></tr>
<tr><td>21.</td><td>Public Hearing</td><td colspan="3">The public hearing was successfully conducted on 24.10.2024 at Chandhut Village, Tehsil & District Palwal of Haryana State.</td></tr>
</table>

S. No.	Parameters	Description
22.	Cost of project	The capital cost for the project will be Rs.17 Crores including proposed lease area and machinery will be hired on contract bases.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 29.01.2025 mentioning therein as under:

1. The LoI has been issued by the Director Mines & Geology Haryana vide letter No. DMG/HY/Chandhut (South) Unit/Palwal/2023/5727 dated 05.10.2023 for mining of Sand (Minor Mienral) in Chandhut (South) Unit, comprising Chandhut (South) village over an area of 98.156 ha (245.39 acres) in district Palwal, Haryana for a period of 10 years.
2. The cluster certificate obtained from Department of Mines and Geology, Faridabad vide Memo No. MO/FBD/3589 dated 20.11.2023, which confirms, there is no other mining activity within 500m from project lease boundary to form mining cluster.
3. As per rule 70 of Haryana Minor Mineral Concession, Stocking, Transportation of Minerals & Presentation of Illegal Mining Rule, 2012, the mining plan was submitted to department and mining plan was approved vide reference no. DMG/HY/MP/CHANDHUT SOUTH/PLWL/2024/2155 DATED 02.05.2024.
4. Forest NOC has been issued by the Office of Divisional Forest Officer, Palwal Forest Division, Palwal vide reference no. 3693 dated 12.12.2023 which confirms project site is not part of any reserve forest or protected forest.
5. Approved District Survey Report of Palwal District has been obtained vide Memo No. Mining/Admin/Fbd/1999 dated 11.07.2024.
6. The project cost is estimated Rs. 17.0 Crores including proposed lease area and machinery will be hired on contract bases.
7. A government school of Chandhut Village will also be adopted to supply all the accessories to the schools as per their requirements with Lumpsum amount of Rs. 20.0 lacs.
8. About Rs. 5.0 Lacs per annum under CER scheme and about Rs. 6.0 Lacs per annum under Occupational Health & Safety have been kept for the mining plan period.
9. As per clause (iv) of the Gazetted Notification of MoEF&CC with S.O. 1807(E) on 12.04.2022, stated and clearly mentioned that "*The prior Environmental Clearance granted for mining projects shall be valid for the project life as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier*".
10. A budget of Rs. 18.50 Lacs as capital cost and Rs. 5.8 lacs per annum as recurring cost under EMP has been kept for the mining plan period.
11. The proposal was submitted on PARIVESH portal on dated 20.05.2024 for obtaining environment clearance. The standard ToR was issued by State Level Environment Impact Assessment Authority, Haryana vide File No. SIA/HR/MIN/473999/2024 on dated 12.06.2024. Baseline studies have been done for one season (pre-monsoon) i.e., from March to May 2024.
12. As per EIA Notification 2006 and its amendment, Haryana State Pollution Control Board (HSPCB) conducted public hearing on 24.10.2024 at 11 AM on site area, Village-

Chandhut, Tehsil & District Palwal, Haryana for extraction of sand from riverbed of Yamuna.

13. Mining will be done as per the procedure laid down in accordance of mining plan approved by Department of Mines & Geology, Government of Haryana.
14. We hereby confirm that no complain or any litigation is pending against the proposed project.
15. The equipment details are enclosed as annexure with affidavit.
16. All the statutory requirements / approvals have been obtained.

Table 2 – EMP Detail

ENVIRONMENT MANAGEMENT BUDGET (5 YEARS – Plan Period)

The total EMP cost 47.50 lakh which is about 2.8% of total project cost (17.0 Cr).

S. No.	Particulars	Capital	Recurring	Total
1	Pollution monitoring – Air, Water, Noise	₹ 0	₹ 60,000	₹ 3,00,000
2	Pollution Control – Water sprinkling	₹ 5,00,000	₹ 1,00,000	₹ 10,00,000
3	Wire fencing at plantation sites	₹ 1,50,000	₹ 50,000	₹ 4,00,000
4	Plantation including maintenance	₹ 6,00,000	₹ 1,50,000	₹ 13,50,000
5	Rainwater harvesting	₹ 3,00,000	₹ 20,000	₹ 4,00,000
6	Haul road and other roads repair and maintenance	₹ 3,00,000	₹ 50,000	₹ 5,50,000
7	Pre and post monsoon survey for sedimentation in the riverbed	₹ 0	₹ 1,50,000	₹ 7,50,000
	Total	**₹ 18,50,000**	**₹ 5,80,000**	**₹ 47,50,000**

ANNUAL BUDGET FOR CER

S. No.	Description	Capital	Recuring
1	Adoption of Govt. school in Chandhut South Village	₹ 20,00,000	₹ 4,50,000
2	Solar Street Lights on Panchayat & Govt. school in Chandhut South Village	-	₹ 50,000
	Total	**₹ 20,00,000**	**₹ 5,00,000**

ANNUAL BUDGET FOR OCCUPATIONAL HEALTH & SAFETY

S. No.	Description	Budget
1	Health check-up camps	₹ 2,50,000
2	Insurance cover of workers	₹ 2,00,000
3	Vocational training to persons for income generation	₹ 75,000
4	Assistance to self-help groups	₹ 75,000
	Total	**₹ 6,00,000**

MACHINERY LIST

S. No.	Name of machinery	Capacity	Nos.	Engagement
1	Excavator cum loader	2.0 m^3	11	Hire Basis
2	Tippers/ Trucks	40 tons	130	Hire Basis
3	Water Tanker	10,000 liters	2	Hire Basis
4	Light vehicles	--	2	-

PROPOSED PLANTATION DETAILS

Year	Plantation Proposed	Survival 80%	Gap Plantation
I	6855	5484	-
II	6855	5484	1371
Total	**13710**	**10968**	**2742**

PLANTATION SCHEME

S. No.	Trees	Nos.	Plantation Area
1	Neem, Pipal, Mango, Ber, Guava, Jamun and other local fruit species	8,000	Ancillary Area & Riverbank
2		3,100	School & Panchayat Land
3		610	Approach Road
Total		**13,710**	**-**

The Committee thoroughly discussed the documents submitted by the PP such as details, contents of affidavit and documents submitted by the PP at length. The PP has proposed **Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Chandhut (South) Unit) with 43,35,000 MT/ year production over an area of 245.39 acres (98.156 ha) located at Village Chandhut South, Tehsil & District Palwal and State Haryana**. Sh. Sanjay Simberwal, Mining Engineer, representatives from the Mines & Geology Department, Haryana was also present during the meeting and he has authenticated the documents issued by Mining Department. Further, Sh. Sanjay Simberwal, Mining Engineer has duly collaborated the version of Committee that the land only can be used for mining as per District Survey Report, Mining Plan along with Replenishment Study approved for the proposed area.

Further, the PP requested the committee to grant Environment Clearance for the period of Mine Plan validity. After detailed deliberations, the Committee decided that EC cannot be granted for 5 years until and unless scientific Replenishment study is done as per Enforcement & Monitoring Guidelines for Sand Mining, 2020. The PP shall submit the scientific grid based/drone based replenishment study for the project site with elevation of the river bed within 1 year after the start of the mining at the project site, for further extension of time period as per approved mining plan of the project.

After detailed deliberations, the Committee directed the PP that they shall follow the Mining Plan for doing mining activity on the said leased area and further decided to recommend the case to SEIAA for granting of EC to the project under Category B1,1(a) **for one year**, under EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India for **Mining of Sand (Minor Mineral) from the Riverbed of Yamuna River (Chandhut (South) Unit) with 43,35,000 MT/ year production over an area of 245.39 acres (98.156 ha) located at Village Chandhut South, Tehsil & District Palwal and State Haryana to M/s Apex Project** as mentioned in

LOI/Mining Plan/EIA Report/ToR/DSR/Replenishment Report with **maximum depth upto 3.0m** as mentioned in Replenishment Study Report approved by Director Mines & Geology, Haryana with the following specific and general stipulations:

A: Specific Conditions:-

1. The PP shall construct the pucca link roads connected to the main road at the mining site before the start of mining.
2. The plantation shall be done on both sides of the road to prevent dust spreading
3. The PP shall construct the Haul roads of width 10 meters.
4. The PP shall provide only one exit and one entry to the Mining Project area and all the mining shall be dispatched through E-billing.
5. The PP shall maintain an un-mined block of 50 meters width after every block of 1000 meters over which mining is undertaken or at such distance as may be directed by the Director or any officer authorized by him.
6. The PP shall restrict mining within the central 3/4th width of the river/rivulet.
7. The PP shall not permit any mining in an area up to width of 500 meters from the active edges of embankments in case of River Yamuna, 250 mtrs. in case of Tangri, Markanda and Ghaggar and 100 mtrs. on either side of all other rivers/rivulets.
8. Traffic management plan as submitted shall be implemented in letter and spirit.
9. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies before commencement of work.
10. Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
11. The PP shall take precautions to suppress the dust in and around the mining site. The PP shall use mixed cannon water sprinkle for dust suppression instead of conventional sprinkles for efficient dust suppression.
12. The PP shall create environment division unit in the project for implementing the conditions of Environment clearance.
13. The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
14. The PP shall adhere to the approved mining plan and approved closure plan by the competent authority.
15. Action plan for the public hearing issues shall be complied in letter and spirit.
16. The Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
17. The Project proponent shall comply all the measures, conditions suggested in the approved mining plan with post closure mine plan, Environmental Management Plan (EMP) in a letter and spirit.
18. Any change in stipulations of EC of the approved mining plan will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance
19. The PP shall comply with Sand Mining Rules 2016 and NGT directions from time to time.
20. The PP shall submit the Wildlife Conservation Plan to the Competent Authority for approval before start of mining operations.
21. The PP shall restrict maximum mining depth upto 3 meters above the Ground Water Table as per approved Mining Plan.

22. **The PP shall submit the scientific grid based/drone based replenishment study for the project site in the river bed within 1 year after the start of the mining at the project site, for further extension of time period as per approved mining plan of the project.**
23. The PP shall plant 13710 trees at the project site as proposed in Plantation Plan.

Standard Conditions are applicable as per guidelines of MoEF&CC, GoI.

311.19 EC for construction of Ashoka University - North Campus located at Plot no. 1A, RGEC, Village-Rai, Sonipat, Haryana by M/s International Foundation for Research And Education

Project Proponent : Shri Bachan Singh
Consultant : Aplinka Solutions & Technologies Private Limited

The Project Proponent submitted online Proposal No. SIA/HR/INFRA2/519654/2025 dated 22.01.2025 for obtaining **Environment Clearance** under Category 8(a) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.2,00,000/- vide DD No. 000530 dated 20.01.2025.

Table 1 – Basic Detail

Name of the Project: Ashoka University-North Campus at Plot No.1A, RGEC. Village Rai, Sonipat, Haryana by M/s International Foundation for Research and Education		
S. No.	**Particulars**	**Proposed Details**
1.	Online Proposal Number	SIA/HR/INFRA2/519654/2025
2.	Latitude	28°56'58.52"N
3.	Longitude	77° 5'54.37"E
4.	Total Plot Area	1,09,673.7 sqm (27.10 acres) out of this 47,868.22 sqm future development)
5.	Proposed Ground Coverage	8,795.00 sqm (8.02% of Total Plot Area)
6.	Proposed FAR	68,914.86 sqm
7.	Non-FAR Area	3,458.18 sqm
8.	Total Built-up area	72,373.04 sqm
9.	Total Green Area with %	31,122.95 sqm (28.38% of Total Plot Area)
10.	Rain Water Harvesting Pits (with size)	05 no. of recharge pits
11.	STP Capacity	310 KLD
12.	Total Parking	362 ECS
13.	Organic Waste Converter (OWC)	2 unit (2 X 300 kg/day)
14.	Maximum Height of the Building (m)	52 m
15.	Power Requirement	1500 kW
16.	Power Backup	2 DG sets of total 1500 kVA (**2 x 750 KVA**)
17.	Total Water Requirement	434 KLD
18.	Fresh Water Requirement	222 KLD
19.	Treated Water	212 KLD
20.	Waste Water Generated	154 KLD
21.	Solid Waste Generated	920 kg/day
22.	Bio-degradable Waste	552 kg/day
23.	Number of Buildings	Science block(A1):B+G+6 Innovation Block(A2): B+G+4

			Utility Block: B+G+1 Guard room: G Hostel building: R1 &R2(G+14), R3(B+G +14), R4(B+G +16	
24.	Basements		01 basements	
25.	Stories		Max. B+G+16 floors	
26.	Population		2858 individuals	
27.	Total Project Cost	i) Land Cost ii)Construction Cost	₹629.80 Crores	
28.	Incremental Load in respect of:		PM2.5	0.0203 µg/m^3
			PM10	0.0523 µg/m^3
			SO2	0. 0703µg/m^3
			NO2	0.3389 µg/m^3
			CO	0.237 µg/m^3
29.	EMP Budget		Total EMP Budget: ₹944.0/- Lakhs (Including ₹80.0/- Lakhs for Adoption of Govt. School in nearby Village)	

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply alongwith an affidavit dated 29.01.2025 mentioning therein as under:

1. That, this is an existing university which is being developed as per the obtained Consent to Establish (CTE) vide letter no. HSPCB/Consent/: 329962321SONCTE14749750 dated 06.10.2021 for built up area 39,110.17 sqm. (Enclosure A).
2. Land has been allotted by HSVP dated 26.02.2018 and 15.03.2021 for plot area 26 acres and 1.1 acres respectively; Enclosure B. Total plot area of project is 27.1 acres.
3. That, earlier the Institutional project was exempted from obtaining Environmental Clearance as per the MOEF&CC Notification S.O. 3252 (E) dated 22.12.2014, which states that "industrial shed, school, college, hostel for educational institution shall be exempted from requirement of Environmental Clearance (EC) but shall ensure sustainable environmental management, solid and liquid waste management, rainwater harvesting and may use recycled materials such as fly ash bricks." Enclosure C
4. That, at present 2 Hostel Blocks (R1& R2), 2 Institutional Blocks (Science Block & Innovation Block), Utility Block and Guard Room are developed at site for which occupation Certificate dated 23.08.2024 has been obtained from HSVP for built up area of 32,076.89 sq.m. Enclosure D)
5. That, as per the High Court of Kerala at Ernakulum Judgment [in writ petition W.P. (C) No. 3097 of 2016 (S)] dated 17.09.2020 and 23.11.2020 against the amendment to the EIA Notification, 2006 dated 22.12.2014 dated 06.03.2024 which states that "Notification dated 22.12.2014 is hereby quashed and set aside." Now the Institutional project comes under purview of obtaining Environmental Clearance. Enclosure E
6. That, as per the above notification, M/s International Foundation for Research and Education is seeking Environmental Clearance for the said project over a Total Plot Area measuring 1,09,673.70 sqm (27.10 acres) which also proposes the development of additional 2 Hostel Blocks (R3 & R4) in the previous planning to achieve a total Built-up Area of 72,373.04 sqm.

7. That, Forest NOC has been obtained from Deputy Forest Conservator, Gurugram, Govt. of Haryana dated 22.01.2025 (Enclosure F)
8. That, Permission for fresh water supply, Sewer connection for treated water discharge and treated water for construction has been obtained from HSVP. Enclosure G
9. That, Electricity is being supplied from the Uttar Haryana Bijli Vitran Nigam (UHBVN). Electricity bill is attached as Enclosure H
10. That, the drawings of current planning are in the process of approval; thus project has been submitted on Concept basis.
11. That, no HT line(s) is passing through the project site.
12. That, no Revenue Rasta(s) is passing through the project site.
13. That, the Total EMP budget for the project is ₹944/- Lakhs, from which ₹80/- Lakhs is allocated for outside of the project for Adoption & Infrastructural Development of Government School in nearby village. Enclosure I
14. That, the total green area at the project site is 31,122.95 sqm (Approx. 28.38% of Total Plot Area). Out of this, an area measuring 13,658.25 sqm (12.45% of Total Plot Area) will be developed under Block Green Plantation along with implementation schedule. (Enclosure J)
15. That, 2 Organic Waste Convertor (OWC) of capacity 300kg/day each. will be installed for treatment Bio-degradable waste.
16. That, Solar power provision will be increased to total 150 KW.
17. That, the Fire NOC has been obtained from Director General, Fire Service, Haryana Panchkula on 12.01.2024 for academic & utility block including basements and on 14.08.2024 for R1 & R2 block. (Enclosure K)
18. That, there are no Notified Protected Areas, Wildlife Sanctuaries, or National Parks within 10 km radius of the Project site.
19. That, there is no legal case pending against the proposed land or the Project Proponent.

PP also submitted EMP Details of the project as under:

TABLE 2: EMP DETAILS

EMP Budget during Construction Phase

S. No.	Component	Capital Cost(₹ in Lakhs)	Recurring Cost (₹ in Lakhs) for 5 years	Recurring Cost (₹ in Lakhs) per year
1	Wheel wash arrangement and Water for Dust suppression	8	10	2
2	EMP cost of Construction phase (green net, tarpaulin cover to cover the construction material)	20	7.5	2.5
3	Dust Mitigation measures (Anti-Smog Guns, AQM Sensors Sprinkling, PTZ camera etc.)	30	7.5	1.5
4	Environment monitoring & Six-Monthly compliances	-	5	1
5	Environment Management Cell	-	15	3
TOTAL		**58**	**45**	**10**

EMP Budget during Operation Phase

S. No.	Component	Capital Cost(₹ in Lakhs)	Recurring Cost(₹ in Lakhs) for 5 years	Recurring Cost (₹ in Lakhs) per year
1	Wastewater treatment (STP & ETP)	-	100	20
2	Rain water Harvesting system	-	20	4
3	Solid Waste Management (Organic Waste Convertor and Waste Bins)	30	10	2
4	Tree Plantation	40	25	5
5	Environment Management cell, Environment monitoring & Six-Monthly compliances	-	60	12
TOTAL		**70**	**215**	**43**

EMP Budget Outside the Project Boundary

Activities	Total cost (in Lakhs)
Adoption of Government school in nearby village 1. Installation of smart classes 2. Installation of Solar Lighting 3. Installation of RO Treatment plant, etc. 4. Toilets construction 5. Book distribution	80

EMP Budget Summary

Particulars	Cost (₹ in lakhs)
EMP cost already incurred **(A)**	**476/-**
Proposed EMP**(B)**	**468/-**
EMP Budget (Capital cost)	128/-
EMP budget (Recurring cost)	260/-
Adoption of Government school in nearby village	80/-
TOTAL(A+B)	**944**

A detailed discussion was held on the documents submitted regarding allotment letter, EMP, Landscape Plan, Solar Power, all Types of assurances and NOCs, STP as well as the submissions made by the PP and the documents submitted.

The reply and submissions made by the PP/consultant were discussed by the committee and the reply was considered. After deliberations, the committee was of the unanimous view that this case be recommended to the SEIAA for granting **Environmental Clearance** under EIA Notification dated 14.9.2006 issued by the Ministry of Environment and Forest, Government of India with the following specific and general stipulations to**:**

M/s International Foundation for Research & Education (as per Allotment

letter(26 acres) issued by HSVP vide memo No.CTP/STP(S)/AC/37507; dated 26.02.2018 and allotment of additional land(1.10 acres) issued by HSVP vide memo no. 836; dated 15.03.2021)

The **Environmental Clearance** is recommended to be granted to the project with following specific and general stipulations:

A. Specific conditions:-

1. **The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC**.
2. Sewage shall be treated in the STP on latest Technology to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing. DG cooling and Gardening.
3. The PP should not mix the ETP effluent after treatment in the STP and ETP effluent shall be separately utilized for the purposes.
4. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
5. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
6. The PP shall not carry out any construct above and below revenue rasta if passing through the project and ensure that permission of the competent authority shall be obtained before carry out any construction above or below the revenue rasta. The PP shall put notice board on the revenue rasta for the passer byes.
7. The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
8. The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
9. Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to solid waste dumping site through authorized vender.
10. If the tree cutting has been proposed in the instant project than prior, permission should be obtained from competent authority. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.

11. The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
12. Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
13. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipments etc. as per National Building Code including protection measures from lightening etc.
14. The PP shall obtain the Fire NOC from the Competent Authority before taking the occupation of the building.
15. The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas-based generator set when the gas is available. The PP shall install APCM for the DG set.
16. The PP shall not mix ETP treated effluent with STP water
17. The PP Shall comply with SOP for reduction of Air and Noise pollution during construction and operation phase
18. The PP shall follow SOP regarding single use plastic free
19. The PP shall follow the SOP for reduction of carbon footprints
20. The PP shall obtain the permission regarding withdrawal of ground water, if any from HWRA/CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from HWRA/CGWA.
21. The PP shall carry out the quarterly awareness programs for the stakeholders of the project.
22. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of RWH pits.
23. The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
24. The PP may provide electric charging stations to facilitate electric vehicle commuters.
25. The PP shall take all preventive measures including water sprinkles to control dust during construction and operational phase.
26. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
27. As proposed **31,122.95 sqm (Approx. 28.38% of Total Plot Area)** shall be provided for green area development at the site**. Out of this, an area measuring 13,658.25 sqm (12.45% of Total Plot Area**) will be developed under Block Green Plantation along with implementation schedule.
28. **05 Rain Water Harvesting Pits** shall be provided for ground water recharging as per the CGWB norms.
29. The PP shall install required number of **Anti-Smog Guns** at the project site as per the requirement of HSPCB.
30. **The PP shall increase Solar power to total 150 KW.**
31. The PP shall carry out **plantation of saplings** in the proposed green area as a part of the tree plantation campaign **"Ek Ped Maa Ke Naam"** and shall upload the details of the same in the **MeriLiFE Portal (http://merilife.nic.in)**
32. The PP shall get project **electrification plan** approved from the competent authority before operation of the project.

33. The PP shall register themselves on the **http://dustapphspcb.com** portal as per the Direction No.14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard Conditions are applicable as per guidelines of MoEF&CC, GoI.

311.20 EC for Capacity Expansion Of Formaldehyde Manufacturing Unit (Under Violation) In Existing Facility From 100 TPD To 120 TPD At Plot No M-28 & E-57, Industrial Area, Yamunanagar, Haryana by M/s Globe Panel Industries India Pvt. Ltd.

Project Proponent : Shri Mukesh Kumar
Consultant : Vardan EnviroNet

The Project Proponent submitted online Proposal No.SIA/HR/IND3/449056/2023 dated 19.10.2023 for obtaining **Environment Clearance for Expansion (Violation Category**) under Category 5(f) of EIA Notification dated 14.09.2006. The PP submitted the scrutiny fee of Rs.50,000/- vide DD No. 001185 dated 11.04.2022.

The aforesaid Proposal was recommended to SEIAA by SEAC in its 282nd Meeting. Thereafter, the case was taken up during 170th Meeting of SEIAA held on 29.11.2023. The Authority held discussion and decided to Refer back this case to Expert Committee (SEAC) with the directions to re-look into the following issues:

1. That the amount of Additional 0.25% Penalty mentioned at Col. No. 3 of Sr. No. 2 in Table No. 03; needs clarifications? (is it Rs. 64 Crore or otherwise as the details are not matching with the total amount worked out in this case)
2. That the details/activities indicated in table No. 05 i.e. Damage remediation plan; seems activities of CSR instead of Remediation OR restoration of Environment; needs clarifications?
3. That the PP has shown using 2 KLD of fresh water for landscaping, why not the excess treated water? Domestic consumption of 1 KLD seems to be very less, how much is the population? Domestic consumption would depend upon the Number of personnel working + visitors. What is the capacity of Cooling Tower, how to justify the loss of 76 KLD of water in Evaporation?
4. That the PP has shown that there is Zero Liquid Discharge from the Process of Manufacturing, (is it a possible reality?), needs clarifications & comments of the Appraisal Committee.

The case was taken up in 284th meeting held on 05.01.2024. The PP alongwith consultant appeared before the committee. During the meeting, an order dated 02.01.2024 passed in CWP No.1394 of 2023 titled Vanshakti Vs. Union of India by Hon'ble Supreme Court was placed before the committee. It has been further apprised to the Committee that vide said order, the Hon'ble Supreme Court has put a stay in operation of the office Memoranda dated 07.07.2021 (**an**

SoP to be adopted in cases submitted under violation category) and 28.01.2022 issued by the Ministry of Environment, Forest & Climate Change, GoI, till further order. The present case is submitted for granting Environment Clearance falling in violation category and vide above mentioned order, a stay has been put on the operation of Memorandum dated 07.07.2021 and 28.01.2022.

Further, an OM dated 08.01.2024 also circulated through Ministry of Environment, Forests & Climate Change, GoI reiterating the above mentioned order.

A discussion was held in the meeting and after due deliberation, the committee has decided to defer the case till further order of Hon'ble Supreme Court of India/MoEF&CC on the subject matter.

The case was taken up in 311th meeting held on 29.01.2025. The PP and consultant appeared before the committee. The committee discussed the case and raised some observations to which PP submitted reply dated 31.01.2025 alongwith an affidavit mentioning therein as under:

- That, as per the Supreme Court Order dated 06.01.2025, the applications that are pending for grant of ex-post facto clearances on the basis of OMs dated 19th February, 2021 and 7th July, 2021, can be processed further. Hence, our application has been processed. **(Annexure-1)**
- That, as per the Standard Operating Procedure (SOP) defined in the office memorandum of MoEF&CC dated 07.07.2021, para 12(a(ii)) 1% of the total project cost and 0.25% of total turnover during the violation period shall considered as Penalty amount. The total Penalty Cost has been given in the Table-1 shown below:

Table-1: Total Penalty Cost

Particulars	Value (Rs.)	Percentage	Penalty Cost
Total Turn Over	64,58,26,517	0.25%	16,14,566.29
Total Project Cost	1,47,57,000	1%	1,47,570
Total Penalty Cost			**17,62,136.29**

- That, the Environment Damage Remediation, Natural and Community Resources augmentation plan has been allocated with a total budget of Rs. 45 lakhs. The break-up of the budget is given in the Table-2 shown below:

Table-2: Environment Damage, Natural and Community Resource Remediation Plan

Activity Description	Total Budgetary Provision (in lakhs)			
	1st Year	2nd Year	3rd Year	Total
Environment Damage Remediation				
Tree Plantation near the vicinity of project site along the external roads Rs. 15,00,000/-	10	4	1	15.0

Rain water harvesting pit (@ Rs.1 lakhs/location) at Panchayat office of Sasauli, Gadauli, Tejli, Jagadhari and Mumidi Village, = Rs. 5 lakhs	3	2	-	5.0
Solar Panels will be provided in nearby villages (at least in 10 homes) for electricity conservation (10*1,00,000)	5	5	-	10.0
Total	**18**	**11**	**1**	**30.0**
Natural and Community Resource				
Management/maintenance of village roads	1.0	1.0	-	2.0
Assistance to farmers by providing seedlings, manure, and bio-fertilizers to villagers of Sasauli, Gadauli, Tejli and Mumidi = Rs. 1,00,000/-	0.50	0.50	-	1.0
Providing Bund maker, Ridger, plough for agriculture purpose to villagers of Sasauli, Gadauli, Tejli, Jagadhari and Mumidi = Rs. 4,00,000/-	1.0	1.0	-	2.0
Free health check-up camps for residents of nearby villages	2.0	2.0	1.0	5.0
Training on developing technical skills for the construction workers	2.0	2.0	1.0	5.0
Total	**6.5**	**6.5**	**2.0**	**15.0**
Grand Total	**24.5**	**17.5**	**3.0**	**45.0**

- That, the total water required for greenbelt plantation will be 2.0 KLD, for domestic purpose will be 1.0 KLD and for cooling tower will be 81.0 KLD. **(Annexure-2)**
- That, there will be no waste water generation from the manufacturing process, whole water will be utilized within manufacturing process. During the manufacturing process of Formaldehyde only 37% of Formaldehyde is produced and remaining water (63%) will be reutilized within the manufacturing process. No waste water will be discharged outside the premises. Hence, 'Zero Liquid Discharge' will be maintained

The PP also submitted reply of observations raised by SEIAA, Haryana in its 170th meeting. The committee also made a discussion on the point wise reply submitted by PP and decided to send the case to SEIAA Haryana for issue of EC under violation category keeping in view latest order of the Hon'ble Supreme Court on 06.01.2025 regarding SoP for violation cases.

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Signature Not Verified
Digitally Signed by : Sh Bhupender Singh Pinwa
Member Secretary, SEAC
Date: 02/02/2025