

SERVICE ESTIMATE, DESIGN REPORT AND CALCULATIONS OF INTERNAL DEVELOPMENT WORKS

FOR

**Proposed Service Plan/Estimates for providing internal services falling in
licence No. 219 of 2023 dated 25.10.2023 for Proposed building plans of
Phase-VI, 12.572 Acres, falling under Residential Group Housing colony
(Under NILP Policy-2016 further amended on 11.05.2022) for an area
measuring 116.2965 acres in Sector 76 & 77, Gurugram,
Haryana**

DEVELOPED BY

M/s DLF Limited



Proposed Service Plan/Estimates for providing internal services falling in licence No. 219 of 2023 dated 25.10.2023 for Proposed building plans of Phase-VI, 12.572 Acres, falling under Residential Group Housing colony (Under NILP Policy-2016 further amended on 11.05.2022) for an area measuring 116.2965 acres in Sector 76 & 77, Gurugram, Haryana

DESIGN REPORT:

Gurgaon town of Haryana State is situated on Delhi-Jaipur National Highway No.8 at 30 kms for Delhi Being in the national capital Region, the town has fast developed tendency and potential. Further, it has also started sharing the growing Industrial load of Delhi. To relieve the growing pressure of population in the National Capital of Delhi, it has been decided by the Haryana Government to establish various residential sectors in Gurgaon. DLF Limited is developing Proposed building plans of **Phase-VI, 12.572 Acres**, falling under Residential Group Housing colony (Under NILP Policy-2016 further amended on 11.05.2022) for an area measuring 116.2965 acres in Sector 76 & 77, Gurugram, Manesar Urban Complex.

The Total Services have been designed with a view to Integrate any further extension of area with the presently licensed area under development and with master / external services to be laid by HSVP, with the salient features given as under:

WATER SUPPLY SCHEME:

i) SOURCE:

The source of water supply shall be HSVP/GMADA water supply connection, it has been proposed to construct underground tanks of capacity as per attached details for domestic and other purposes. The underground tank will be filled from the HSVP/GMADA riser and then pumped to the overhead water tanks of each tower & other amenity. We are proposing one no. water treatment plant for whole development.

It has been proposed a centralized UGT of the total required capacity for domestic 450 KLD purpose. Provision of Firefighting static tank also been provided adjacent to Dom. UGT as recommended in the 'Manual on Water supply & Water Treatment' published by CPHEEO, Ministry of Urban Development, GOI. & NBC 2016

DESIGN

The Water supply distribution Scheme has been designed for a total ultimate population of 3975 persons approx., in the Residential colony. The rate of water supply per head per day has been taken assumed as 150 liters + 15% wastage i.e. 172.5 liter per head per day, D.I (Ductile Iron) pipelines have been designed on 'Hazen-William formula' with C Value of 140 & peak factor of 3.0 is considered as per the Manual & guidelines. Minimum pipe size of 100mm Dia is taken.



PUMPING MACHINERY:

It has been proposed to install pumping set as described with standby of equal capacity. The provision for stand by generating set has been provided in case of any electricity failure. Generator will be provided separately or added to the capacity of main generator. Provision of DG set of required capacity also been made for essential & emergency load as power-back up.

SEWERAGE SCHEME:

The proposed sewers have been designed by using "Manning's Formula" with running Half-full of peak flow, i.e 3 x DWF of Domestic Water demand. It has been considered that about 80% of the Domestic Water supply shall find its way into the Sewerage system.

SW Pipe/ HDPE DWV Pipe is considered in sewerage system, and these lines are laid in such a way that the required slope (gradients) to minimum required self-cleansing velocity is maintained. The Hydraulic Design Sheets have been prepared and attached along with the Estimate.

STP & Re-cycling of Treated Effluent:

It is also proposed to install 1. no STP of required Cap. 640 KLD at appropriate location in the total Colony and Treated effluent from this STP shall be used in Horticulture/ Washing, etc. Surplus Treated effluent is taken to discharge into existing HSVP Sewerage System.

Provision of uPVC/ HDPE Distribution lines are taken for flushing purpose of plots Horticulture from this STP Treated Effluent Tank. The Estimate is prepared accordingly.

STORM WATER DRAINAGE SCHEME :

It is proposed to lay underground piped storm water drainage system in the colony with RCC NP-2 pipes. In order to improve the ground water table/sub soil aquifer, It is proposed to harvest the storm run-off in to Rain Water Harvesting Structures which are proposed with de-silting chambers for Pre-Filtration along the SWD System in the colony, so that maximum rain water is harvested into the sub-soil aquifer and the surplus/ overflow run-off shall be taken & connected to existing HSVP S W Drain System. This will also minimize pumping requirements of storm run-off from the colony to HSVP SW Drain. For design of piped SWD system, the intensity of rainfall has been taken as 6.25mm per hour and SWD pipes have been designed as running -- full of Manning 's formula. A minimum size of 400 mm I /d RCC pipe has been proposed. The estimate has been framed accordingly. The Hydraulic Design Sheets have been prepared and attached along with the Estimate.

ROADS:

Roads have been proposed in the colony as per an approved layout plan of the colony with road levels & road gradients designed to achieve smooth flow of traffic to & from as well as within the colony.

Necessary provisions have been made in the estimate accordingly as per revised specifications for roads by HSVP.



HORTICULTURE:

Estimate includes the necessary provisions for plantation, landscaping, signage's etc.

SPECIFICATIONS:

The work will be carried out in accordance with the standard specifications as laid down by Haryana Govt./ HSVP.

RATES:

The estimate has been prepared on the rates as per recently approved estimates by HSVP.

COST:

The total cost of the "Internal Development Works" including cost of all services works out to **Rs. 1489.33 Lacs** including 3 % contingencies & PE charges, and 49% administrative, price escalation & other unforeseen charges.

The cost per gross acre works out to **118.46 lacs** which the provision of services like water supply, sewerage, storm water, road, street lighting, and plantation including note etc.

For M/S DLF Limited



Authorized signatory



	DESIGN CALCULATION		For NILP Group Housing 12.572 Acres (Privana west)	Unit	
	Daily water requirement				
	Total No. of Apartments		795	Nos	
	Population per Apartments		5	Person/Apartment	
1	Therefore Total Populations		3975	Nos	
	Total daily Water requirement for plots (150 Lpcd + 15%)	@	172.5	LPCD	
			Total	685687.50	LPD
2	Non Residential building water requirement				
(a)	No. of commercial		0	Nos	
	Daily water requirement	@	32000	Ltrs/Acre	
	Area of commercial		0	Acre	
	Therefore daily water requirement		0.00	lit/day	
(b)	Nursery School		1	Nos	
	Area of Nursery school		0.2	Acre	
	Daily water requirement	@	25000	Ltrs/Acre	
	Daily water requirement	@	5000.00	lit/day	
(c)	Primary School		0	Nos	
	Area of Primary school		0	Acre	
	Daily water requirement	@	50000	Ltrs/Acre	
	Daily water requirement	@	0.00	lit/day	
	Total 2 =		5000.00	Litres	
3	Area under Parks =7658.609 Sq		1.89	Acre	
	Daily water requirement	@	25000	lit/acre/day	
	Therefore daily water requirement		47250.00	lit/day	



	Total 3 =			47250	Litres	
I	Total daily requirement					
a)	For (1+2)			690687.50	Litres	
b)	Area under Parks =7658.609 Sq.			47250	Litres	
	Total Domestic Water requirement (65% of Total Water requirement (1+2 = 690687.50 Litres))	1690687.50 x 65% =	448946.88	448.95	KLD	
	Say Total Domestic water demand =			450	KLD	
	Total Flushing Water requirement {35% of Total Water requirement(1+2 = 690687.50 Litres)}	690687.50 x 35% =	241740.63	241.74	KLD	
	Say Total Flushing water demand =			245.00	KLD	
	Total Recycle Water requirement {35% of Total Water requirement(1+2 = 690687.50 Litres)} + Area under parks = 47250 Litres)	1690687.50 x 35% = 241740.63 Litres) + 47250 =	288990.63	288.99	KLD	
	Say Total Recycle water demand =			290	KLD	
IV	Underground Tank					
a	Daily requirement for domestic use and other except fire fighting	=		450.00	KLD	
b	Capacity of under ground tank storage except fire fighting	=		450.00	KLD	
		Say	=	450.00	KLD	
c	Fire Tank Capacity as / NBC 2016 , Part-4	=		875.00	KLD	
		Say	=	875.00	KLD	
		Total (b+c)		1325	KLD	
			Say	1325	KLD	



	It is proposed to provide 1 no. under ground tank of capacity 1325 KLD which also includes 875 KL capacity for fire fighting.					
	Tank will have compartments, one for fire, one for domestic use. The water first enters the fire compartment, then over flows to the domestic water use compartment so that the water in the fire compartment shall remain fresh.					
	It is proposed to provide under ground tank of following capacity					
a)	Capacity of Fire tanks			875.00	KLD	
b)	Capacity of Domestic tank- (One Day Storage) (including 2 Nos. x 112.5KL Raw + 2 Nos. x 112.5 KL Domestic Tank, Total = 450 KLD)			450.00	KLD	
c)	Flushing Tank (Horticulture + Flushing) =290 KL, THE FLUSHING TANK IN STP			290.00	KLD	
V	BOOSTING MACHINERY (Domestic water)					
	UG. Tank					
	Daily requirement for domestic use		=	450.00	KLD	
	Assuming 8 hours running. 3 pumps (2 Working +1 standby)					
	Discharge/hour		=	28.13	KL/HR	
			=	468.75	LPM	
			Or Say	470.00	LPM	Each
	Head of pump					
i)	Suction lifts		=	4.0	m	
ii)	Friction loss in M<main & specials		=	20.0	m	
iii)	Clear head		=	145.0	m	
iv)	Residual head		=	20.0	m	
			=	189.0	m	
	Say		=	190.0	m	
	HP of motor (470*190*1)/(60*75*0.6)		=	33.07	HP	
			Or Say	35.00	HP	Each
VI	Gen Set	Nos.	HP			
	Pumps for Domestic Water Supply	3	(35*2)	=	70	HP



	Pumps for Flushing Water Supply	3	(20*2)	=		40	HP
	Pumps for Irrigation	2	(2*1)	=		2	HP
	Jockey Pumps for Fire & Sprinkler	2	15.0			30	HP
	Lighting(LS)			=		15	HP
				Total		157	HP
				say		157	
	or	157 x 0.746				175.68	KVA
		x 1.50					
		Say				180.00	KVA
I	Sewage Treatment Plant capacity						
	Total water requirement/day				690687.50	Litres	
	Sewage flow will be 80% &				552550.00	Litres	
	Add 15% marginal effect of total load				82882.50		
					635432.50		
					635.43	KLD	
	STP Capacity (Or Say)			Say	640.00	KLD	
VII	STP Treated Tank						
	Daily requirement for flushing.(One Day Storage) horticulture, road washing		=		290.00	KLD	
	Flushing Tank (Horticulture + Flushing) =290 KL, THE FLUSHING TANK IN STP	Say	=		290.00	KLD	
					290.00	KLD	
VIII	BOOSTING MACHINERY (Flushing water)						
	Near/in STP						
	Daily requirement for Flushing use			=	245.00	KLD	
	Assuming 8 hours running, 3 pumps (2 Working +1 standby)						
	Discharge/hour			=	15.31	KL/HR	
					255.21	LPM	
				Or Say	260.00	LPM	Each



	Head of pump						
i)	Suction lifts			=	4.0	m	
ii)	Friction loss in M<main & specials			=	20.0	m	
iii)	Clear head			=	20.0	m	
iv)	Residual head			=	145.0	m	
				=	189.0	m	
	Say			=	190.0	m	
	HP of motor (260*190)/(60*75*0.6)			=	18.30	HP	
				Or Say	20.00	HP	
IX	Irrigation pump for Green area						
	Near/in STP						
	Horticulture Water Requirement Per Day			=	47.25	KLD	
	Assuming 8 hours running, 2 pumps (1 Working +1 standby)						
	Discharge/hour			=	5.91	KL/HR	
					98.44	LPM	
				Or Say	100.00	LPM	Each
	Head of pump						
	Suction lifts			=	4.0	m	
	Friction loss in M<main & specials			=	2.0	m	
	Clear head			=	10.0	m	
	Residual head			=	25.0	m	
				=	41.0	m	
	Say			=	45.0	m	
	HP of motor (100*45)/(60*75*0.6)			=	1.67	HP	
				Or Say	2.00	HP	
IX	HSVP Main Water Supply Calculation						
i)	Required Fresh Water per Day	450	KL				
ii)	Supply Duration	8	Hrs				



iii)	Line Flow Rate		0.938	(Cum/min)			
iv)	Flow Velocity.		1.5	(m/sec)			
v)	Dia. Of pipe		115	mm			
vi)	Proposed line dia.		150	mm			
vii)	Length of line		130	Mtr			
viii)	Friction Head Loss mtr/1000mtr		9.60	Mtr			
ix)	Total Head Loss		1.25	Mtr			



PROPOSED ESTIMATE FOR PROVIDING INTERNAL DEVELOPMENTS WORKS IN RESIDENTIAL GROUP HOUSING COLONY UNDER INTERGRATED LICENSING POLICY (NILP) ON LAND MEASURING 12.572 ACRES, PHASE-VI, SECTOR – 76, GURUGRAM

FINAL ABSTRACT OF COST

			Amount in Rs. Lacs
1	SUB WORK NO. I	WATER SUPPLY SCHEME	370.44
2	SUB WORK NO. II	SEWERAGE SCHEME	205.72
3	SUB WORK NO. III	STORM WATER DRAINAGE	158.51
4	SUB WORK NO. IV	ROADS & FOOT PATHS	324.68
5	SUB WORK NO. V	STREET LIGHTING	48.24
6	SUB WORK NO. VI	PLANTATION & ROAD SIDE TREES	8.60
7	SUB WORK NO. VII	MAINTENANCE CHARGES & SURFACING OF ROAD	373.14
		TOTAL	1489.33

Cost per Acre = 1489.33/12.572 = 118.46 Lakh/Acre

DLF Limited

Akanksha

[Signature]
Executive Engineer
HSVP Division No. V,
Gurugram



AUTHORISED SIGNATORY

Checked subject to Comments
In forwarding letter No. 22760.
Dt. 02.04.2024 and notes
Attached with the estimate

[Signature]
Executive Engineer (M)
for Chief Engineer-I
HSVP Panchkula

[Signature]
Superintending Engineer,
HSVP, Circle-I, Gurugram.

[Signature]
Director
Town & Country Planning
Haryana, Chandigarh

**PROPOSED ESTIMATE FOR PROVIDING INTERNAL DEVELOPMENTS WORKS IN RESIDENTIAL GROUP
HOUSING COLONY UNDER INTERGRATED LICENSING POLICY (NILP) ON LAND MEASURING 12.572
ACRES, PHASE-VI, SECTOR – 76, GURUGRAM**

SUB WORK No. 1

**Water Supply & Fire
Fighting**

2	Sub Head No. 01	Pumping Machinery	2,01,63,000.00
3	Sub Head No. 02	Rising Main HSVP/GMDA	4,65,200.00
4	Sub Head No. 03	Distribution System	9,76,000.00
5	Sub Head No. 04	Fire rising Main	18,99,000.00
6	Sub Head No. 05	Recycling of water (Irrigation and flushing riser)	6,34,550.00

TOTAL	2,41,37,750.00
Add 3% contingencies & PM Charges	7,24,132.50
TOTAL	2,48,61,882.50
Add 49% Departmental charges, price escalation, unforeseen, Admin.	1,21,82,322.43
TOTAL	3,70,44,204.93
SAY IN LAKHS	370.44



Sub -Work No. 1		Water Supply & Fire Fighting			
Sub -Head No. 01		Pumping Machinery			
S. No.	Description	Unit	Qty.	Rate	Amount(Rs.)
1	Providing and installing electricity driven pumping set for domestic and flushing supply complete with motor and other accessories				
	Domestic Water Transfer pumps 470 LPM at 190 M Head 35 HP	Each	(2+1)	350000.00	10,50,000.00
	Flushing Water Transfer pumps 260 LPM at 190 M Head 20 HP	Each	(2+1)	200000.00	6,00,000.00
	Irrigation Water Transfer pumps 100 LPM at 45 M Head 2 HP	Each	(1+1)	40000.00	80,000.00
2	Providing and installing pumping set of following capacities for Fire protection.				
	180 lpm at 200M head (15 HP) Jockey pump				
		Each	2	2,50,000.00	5,00,000.00
	2850 lpm at 200 M head (195 HP) Sprinkler and hydrant pump				
		Each	2	900000.00	18,00,000.00
	2850 lpm at 200 M head DG pump				
		Each	2	1250000.00	25,00,000.00
	7850 lpm at 65 M head water curtain (189 HP)				
		Each	1	500000.00	5,00,000.00
3	Provision for chlorination plant complete				
		Each	1	15	100000.00
4	Provision for making foundations and erection of Pumping Machinery.				
				15	5,00,000.00
5	Provision for carriage of material and other unforeseen items etc.				
		LS		200000.00	2,00,000.00
6	Provision for pipes, valves and specially inside the pump chamber and boosting chamber				
		LS		350000.00	3,50,000.00
7	Provision for electric service connection including electrical fitting for bore well and boosting chamber including cost of transfer				
		LS		300000.00	3,00,000.00
8	Provision for Gen. set of 180 KVA capacity				
				15	2000000.00
10	Provision for construction of UG tanks (450+875+290) =1615 (Domestic + Fire + Flushing Water)				
		Per KL	1615	5500	88,82,500
11	Provision for construction of boosting chamber of suitable capacity as per HP. Requirement				
		LS		800000.00	8,00,000.00
	TOTAL				2,01,63,000
	SAY				Rs. 201.63 Lakhs



Sub -Work No. 1		Water Supply Rising Main from HSVP/GMDA			
Sub -Head No. 02					
S.No.	Description	Unit	Qty.	Rate	Amount(Rs.)
1	Providing , laying, jointing and testing pipe lines including Cost of excavation etc. complete in all respects .				
	150 mm dia. DI pipe	M	30	2040.00	61,200.00
2	Providing and fixing sluice valve including cost of surface box and masonry chamber etc. completed in all respects.				
	150 mm i/d	Each	2	15000.00	30,000.00
3	Providing and fixing Indicating plates for sluice valve and air Valves				
		Each	2	2000.00	4,000.00
4	Providing and fixing air release valve and scour valve.				
		Each	2	10000.00	20,000.00
5	Provision for carriage for materials and other unforeseen items .				
		LS		50000.00	50,000.00
6	Making water supply connection With HSVP/GMDA				
		LS		200000.00	2,00,000.00
7	Provision for cutting or road and making good to its in original				
		LS		100000.00	1,00,000.00
	TOTAL				4,65,200.00
	SAY				Rs. 4.65 Lakhs
Material statement of HSVP/GMDA Rising Main					
	Line Name	Dia in MM	Length		
	UGT-HUDA CONNECTION	150	30		



	Sub -Work No. 1			Water supply Distributing System Domestic	
	Sub -Head No. 03				
S.No.	Description	Unit	Qty.	Rate	Amount(Rs.)
1	Providing , Laying, jointing and testing DI pipe line including Fittings, valves, cost of excavation etc. complete in all respect.				
	6.I Pipe 150 mm	M	115	2,040	2,34,600
	6.I Pipe 100 mm	M	295	1,460	4,30,700.00
2	Provision for carriage of materials and other unforeseen items and cutting of roads.		L.S.	1,00,000.00	1,00,000.00
3	Providing and fixing air release/scout valve				
		Each	5	10000.00	50,000.00
4	Providing and fixing sluice valve				
		Each	5	12000.00	60,000.00
5			L.S.		1,00,000.00
	(C/O TO Abstract of Cost for Subwork No.1)				9,76,000.00
	SAY				Rs. 9.76 Lakhs
	(Material statement of domestic Rising Main (See Enclosed Sheet Annexure-I)				



Sub-Work No. 1			Water supply & Fire fighting Fire		
Sub-Head No. 04			Rising Main		
S. No.	Description	Unit	Qty.	Rate	Amount(Rs.)
1	Providing , Laying , jointing and testing M.S. pipes lines for fire rising main including cost of fittings, valves, connection etc. complete in all respect.				
	150 mm m.s. pipe line	M	740	2040.00	15,09,600.00
	100 mm i/d	M	10	1460.00	14,600.00
	80 mm i/d	M	30	1200.00	36,000.00
2	Providing and fixing fire Hydrant				
		Each	14	15000.00	2,10,000.00
3	Providing for indication plates				
		Each	14	2000.00	28,000.00
4	Providing for carriage of material as other unforeseen items.				
		LS		100000.00	1,00,000.00
Total cost of Abstract of cost for Subwork No.1					18,99,000.00
SAY					Rs. 18.99 Lakhs
Material statement of Fire fighting Rising Main (See Enclosed Sheet Annexure-II)					



Sub -Work No. 1			Recycling of water (Irrigation and flushing riser)		
Sub -Head No. 05					
S. No.	Description	Unit	Qty.	Rate	Amount(Rs.)
1	Providing , Laying, jointing and testing GI pipe line including Fittings, valves, cost of excavation etc. complete in all respect.				
	G.I Pipe 100 mm	M	30	1,460.00	43,800.00
	G.I Pipe 80 mm	M	30	1,200.00	36,000.00
	G.I Pipe 65 mm	M	55	1,000.00	55,000.00
	G.I Pipe 50 mm	M	35	550.00	19,250.00
	G.I Pipe 40 mm	M	90	500.00	45,000.00
	G.I Pipe 32 mm	M	350	450.00	1,57,500.00
	G.I Pipe 25 mm	M	210	300.00	63,000.00
	G.I Pipe 20 mm	M	0	300.00	-
2	Providing , Laying, jointing and testing HDPE/upvc pipe line including Fittings, valves, cost of excavation etc. complete in all respect.				
	100 mm dia. DI pipe	M	1	L.S.	10,000.00
	90 mm dia	M	2		
	63 mm dia	M	0	675.00	-
	40 mm dia	M	0	400.00	-
	32 mm dia	M	0	350.00	-
	25 mm dia	M	0	300.00	-
3	Providing and fixing 20 mm dia irrigation hydrant Valve complete in all respect.				
		Each	7	5000.00	35,000.00
4	Provision for carnage of Material and other as foreseen items.				
			L.S.	50000.00	50,000.00
5	Provision for cutting of road & making road its original conditions				
					1,00,000.00
6	Providing and fixing air release/scour valve				
		Each	2	10000.00	20,000.00
TOTAL					6,34,550.00
SAY					Rs. 6.35 Lakhs
Material statement of Flushing & Irrigation Rising Main (See Enclosed Sheet Annexure-III A & III B)					



Sub-Work No. II			Sewerages Scheme		
S. No.	Description	Unit	Qty.	Rate	Amount(Rs.)
1	Providing, jointing, cutting & testing S.W. pipe Class 'A' and lowering into trenches including cost of excavation, bed concrete cost of manholes etc. complete in all respects				
	300 mm dia I/d S.W. pipes	M	0	2400.00	0
	250 mm dia I/d S.W. pipes	M	295	2000	590000
	200 mm dia I/d S.W. pipes	M	450	1700	765000
2	Provision for cartage of material and other unforeseen items.			LS	200000.00
3	Provision for Vent pipe as per PH Requirement at suitable places			LS	5,00,000.00
4	Providing, laying, jointing and testing overflow pipe lines including Cost of excavation etc. complete in all respects.				
a	150 mm dia. DI pipe	M	250	2040.00	5,10,000.00
5	Provision for cutting of roads & making good to its in original condition			LS	100000.00
6	STP capacity 640 KLPD up to tertiary level treatment complete in all				
		KLPD	640	16000.00	1,02,40,000.00
7	Provision for making connection with HSVP/GMDA Sewage on the master road		LS		2,00,000.00
8	Provision for lighting and watching		LS		2,00,000.00
9	Provision for timbering and shoring etc.		LS		1,00,000.00
	TOTAL				1,34,05,000.00
	Add 3% contingencies & PH charges				4,02,150.00
	TOTAL				1,38,07,150.00
	Add 49% Departmental charges, price escalation Unforeseen, Admin.				67,65,503.50
	TOTAL				2,05,72,653.50
	SAY				Rs. 205.72 Lakhs
	C.O. to final abstract of cost				



Sub -Work No. III			Storm Water Scheme		
S. No.	Description	Unit	Qty	Rate	Amount(Rs.)
1	Providing, laying R.C.C. pipes drain class NP-3 with cement joint manholes excavation, etc. complete in all respects.				
	400 mm dia.	M	1130	2500.00	28,25,000.00
	500 mm dia.	M	20	2700.00	54,000.00
	600 mm dia.	M	0	3000.00	-
	750 mm dia.	M	0	3200.00	-
2	Provision for roof top rain harvesting arrangement - Recharge pit with twin bore				
		Each	11	350000.00	38,50,000.00
3	Provision for carriage of material and unforeseen items				
		LS			500000.00
4	Provision for making connection to main line.				
		Each	1	LS	200000.00
5	Provision for timbering and shoring etc, cutting of roads making & good to its in original condition			LS	2,00,000.00
6	Provision for Lighting Watching etc.			LS	2,00,000.00
7	Provision for temporary drain disposal arrangement till HSRS Services are provide			LS	15,00,000.00
8	Provision for road gully including pipe connection. 300mm dia			LS	10,00,000.00
	TOTAL				1,03,29,000.00
	Add 3% for contingencies and P.H. charges.				3,09,870.00
	TOTAL				1,06,38,870.00
	Add 49% Departmental charges, price escalation, Unforeseen, Admin charges.				52,13,046.30
	TOTAL				1,58,51,916.30
	SAY				Rs. 158.51 Lakhs
	C.O. to final abstract of cost				



Sub -Work No.IV			Roads and Footpaths		
S.No.	Description	Unit	Qty	Rate	Amount[Rs.]
1	Provision for leveling and earth filling as Per site condition 12.572 acres	Acre	12.572	175000	22,00,100.00
2 (i)	Construction of road with 200mm GSB, 250mm WBM, 50mm DBM, & 30mm BC.	sqmt.	9600	1500.00	1,44,00,000.00
3	Provision for kerb and channels of CC (1:1.5:3) (1380x2)=2760	M	2760	600.00	16,56,000.00
4	Provision for making approach to each block and I. Pavement & Parking arrangement.			LS	20,00,000.00
5	Provision for guide map and other unforeseen items and indicating board etc. LS		LS	200000.00	2,00,000.00
6	Provision for cartage of material an other unforeseen items			LS	5,00,000.00
7	Provision for traffic arrangement.			LS	2,00,000.00
			TOTAL		2,11,56,100.00
	Add 3% contingencies & PH Charges				6,34,683.00
			TOTAL		2,17,90,783.00
	Add 49% Departmental charges, price escalation, unforeseen, Admin.				1,06,77,483.67
			TOTAL		3,24,68,266.67
			SAY		Rs. 324.68 Lakhs
	C.O. to final abstract of cost				



Sub -Work No.V			Street Lighting		
S.No.	Description	Unit	Qty	Rate	Amount(Rs.)
1	Providing Street lighting on roads as I, per standard specification of HVPN				
		Acre	12.572	250000	31,43,000.00
			TOTAL		31,43,000.00
	Add 3% contingencies & PH Charges				94,290.00
			TOTAL		32,37,290.00
	Add 49% Departmental charges, price escalation, unforeseen, Admin				15,86,272.10
			TOTAL		48,23,562.10
			SAY		Rs. 48.24 Lakhs
	C.O. to final abstract of cost				



Sub-Work No.VI				Plantation and road side trees	
S.No.	Description	Unit	Qty.	Rate	Amount(Rs.)
1	Development of lawn area (organised green 1.89 Acres)				
		Acre	1.89	150000	2,83,500.00
a	Trenching the ordinary soil up to dept of 60cm including removal and stacking serviceable material and disposing of by spreading and leveling within a lead of 50m and making up the trenches area to proper leads by filling with earth mixed with manure before and after flooding trench with water including cost of imported earth and manure.				
b	Rough dressing of turfed area				
c	Grassing with "Doob Grass" including watering and IV. Maintenance of lawns for 30 days till the grass forms a thick lawn, free from weeds and fit for moving in rows 7.5 m Apart in either direction 1.89 Acres @ 150000 per acre				
2	2. Providing tress, guards and planting trees along road at 12 m interval Total road length = 1380X1/12 No of Tress = 115 Say = 120 <u>Cost Analysis of Planting Trees</u> Excavation = 60 each Manure = 100 each Tree plants = 150 each Tree guards = 2000 each = Rs.2310 per tree				
		Each	120	2310	2,77,200.00
			TOTAL		5,60,700.00
	Add 3% contingencies & PH Charges				16,821.00
			TOTAL		5,77,521.00
	Add 49% Departmental charges, price escalation, unforeseen, Admin.				2,82,985.29
			TOTAL		8,60,506.29
			SAY		Rs. 8.60 Lakhs
	C.O. to final abstract of cost				



Sub -Work No.VII		Maintenance Charges & Resurfacing of Road			
S. No.	Description	Unit	Qty.	Rate	Amount(Rs.)
1	Provision for maintenance charges for water supply, sewerage, storm water drainage, roads, street light, horticulture etc. complete including operation and establishment charges as per HUDA norms after completion and resurfacing of roads after 10 years 12.572 Acres.				
		Acre	12.572	800000.00	1,00,57,600.00
2	Provision for resurfacing of roads after 1st 5 years of maintenance by provision by providing 50mm thick B.M. including leveling crust and 300mm BC as per crust design whichever is safer				
		Sq. Mtr.	9600	660.00	63,36,000.00
3	Provision for resurfacing of roads after 10 years by providing 50mm thick B.M. & 35 mm thick BC, As per crust design whichever is safer.				
		Sq. Mtr.	9600	825.00	79,20,000.00
			TOTAL		2,43,13,600.00
	Add 3% contingencies & PH Charges				7,29,408.00
			TOTAL		2,50,43,008.00
	Add 49% Departmental charges, price escalation, unforeseen, Admin.				1,22,71,073.92
			TOTAL		3,73,14,081.92
			SAY		Rs. 373.14 Lakhs
	C.O. to final abstract of cost				



PROJECT : PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023.DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD.IN COLLABORATION WITH LAND OWNERS AND IT'S ASSOCIATE COMPANIES

MATERIAL OF FIRE PIPE						
SL NO	LINE NO		NO OF EPI	80MM	100MM	150MM
1	FF-01	FIRE TANK	0	0	0	25
2	FF-01	FF-01 (Ring)	14	28	0	715
	TOTAL		14	28	0	740
	SAY			30	0	740
SL . NO	Tube Well Line					
14	MAIN LINE FROM HSVP/ GMDA			150 MM		30 METER



PROJECT : PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023.DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD.IN COLLABORATION WITH LAND OWNERS AND IT' S ASSOCIATE COMPANIES

MATERIAL OF DOMESTIC PIPE

SL NO	LINE NO		LENGTH OF PIPE	SIZE OF RISER PIPE IN MM Dia	50 MM	65 MM	80 MM	100 MM	150 MM
1	D-02	D-01 (UGT)	50	150	-	-	-	-	50
2	D-03	D-02	16.5	100	-	-	-	16.5	-
3	D-04	D-02	61	150	-	-	-	-	61
4	D-05	D-04	15	100	-	-	-	15	-
5	D-06	D-04	65	100	-	-	-	65	-
6	D-07	D-06	16	100	-	-	-	16	-
7	D-08	D-06	76	100	-	-	-	76	-
8	D-09	D-08	15	100	-	-	-	15	-
9	D-10	D-08	88	100	-	-	-	88	-
	TOTAL		403		0	0	0	292	111
	SAY		415	SAY	0	0	0	295	115



PROJECT : PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023,DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD,IN COLLABORATION WITH LAND OWNERS AND IT'S ASSOCIATE COMPANIES

TITLE :- DOMESTIC WATER SUPPLY HYDRAULIC CHART.

WHEEL - DOMESTIC WATER SUPPLY HYDRAULIC CHART:																											
S.NO	Line No		PLOTS (GENERAL)				Water Requirement for Non Residential Plots.					Gross Water Requirement (Load on Line)	Average Demand	Peak Demand @ 2.5 Times	Flow Rate	Length of Pipe	Head Loss Mtr/ Mtr	Total Head Loss	Velocity	Dia of Pipe Required	Dia of Pipe Proposed	Ground LVL at start	Hydraulic LVL at start	Head at start	Ground LVL at End	Hydraulic LVL at End	Head at End
	From	To	Number of Apartments Per Tower	Population @ 5 persons Population per Apartment	Water Requirement @ 172.5Ltr/ head / day	TYPE OF BUILDING	Area in Acre if Community Building & Commercial	TYPE OF BUILDING	Basis of Water Requirement in LPD	Branch	Total Water Requirement in LPD	LPD	KLD	KLD	LPN	MTR.	MTR.	MTR	M/SEC	MM	MM	MTR	MTR.	MTR.	MTR.	MTR.	MTR.
				5	112.13																						
1	D-02	D-01 (UGT)	0	0	0				0	445897	445897	445897	446	1114	774	80	0.0037	0.18	0.729	105	150	243.45	293.45	97.21	243.45	293.27	48.82
2	D-03	D-02	159	795	89139				89139		89139	89139	89	223	155	16.5	0.0014	0.02	0.328	47	100	243.45	293.27	97.21	243.45	293.24	48.79
3	D-04	D-02	0	0.000	0	TOWER			0	356558	356558	356558	357	891	619	61	0.0024	0.15	0.584	94	150	243.45	293.24	48.79	243.45	293.09	48.64
4	D-05	D-04	159	795	89139				89139		89139	89139	89	223	155	15	0.0014	0.02	0.328	47	100	243.60	293.24	48.64	243.60	293.22	48.62
5	D-06	D-04	0	0	0				0	267418	267418	267418	267	669	464	65	0.0103	0.67	0.985	81	100	243.75	293.22	48.47	243.75	292.55	48.80
6	D-07	D-06	158	795.000	89139	TOWER			89139		89139	89139	89	223	155	16	0.0014	0.02	0.328	47	100	243.75	292.55	48.80	243.75	292.53	48.79
7	D-08	D-06	0	0.000	0	TOWER			0	178279	178279	178279	178	446	210	76	0.0049	0.37	0.656	65	100	243.75	292.55	48.80	243.75	292.18	48.43
8	D-09	D-08	158	795.000	89139	TOWER			89139		89139	89139	89	223	155	15	0.0014	0.02	0.328	47	100	243.75	292.18	48.43	243.75	292.16	48.41
9	D-10	D-08	159	795.000	89139	TOWER			89139		89139	89139	89	223	155	86	0.0014	0.12	0.328	47	100	243.60	292.16	48.56	243.6	292.04	48.44



PROJECT : PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023, DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD. IN COLLABORATION WITH LAND OWNERS AND IT'S ASSOCIATE COMPANIES

MATERIAL OF GARDEN HYDRANT

	FROM	TO	NO OF GH	25 MM	32 MM	40 MM	50 MM	65 MM	80 MM	100 MM
1	IR-01	STP	0	0	0	0	0	0	0	30
2	IR-02	IR-01	1	0	0	0	34	0	0	0
3	IR-03	IR-02	2	0	0	69	0	0	0	0
4	IR-04	IR-03	2	0	70	0	0	0	0	0
5	IR-05	IR-04	1	38	0	0	0	0	0	0
6	IR-06	IR-01	1	0	0	0	0	0	27	0
7	IR-07	IR-06	3	0	88	0	0	0	0	0
8	IR-08	IR-07	1	48	0	0	0	0	0	0
9	IR-09	IR-06	0	0	0	0	0	51	0	0
10	IR-10	IR-09	1	0	0	21	0	0	0	0
11	IR-11	IR-10	2	0	73	0	0	0	0	0
12	IR-12	IR-11	1	53	0	0	0	0	0	0
13	IR-13	IR-09	3	0	115	0	0	0	0	0
14	IR-14	IR-13	1	71	0	0	0	0	0	0
		TOTAL LENGTH	19	210 mtr	346 mtr	90 mtr	34 mtr	51 mtr	27 mtr	30 mtr
		Say		210	350	90	35	55	30	30



PROJECT : PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023.DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD.IN COLLABORATION WITH LAND OWNERS AND IT'S ASSOCIATE COMPANIES

MATERIAL OF FLUSHING PIPE

SL NO	LINE NO		LENGTH OF PIPE	SIZE OF RISER PIPE IN MM Dia	40 MM	50 MM	65 MM	80 MM	100 MM
1	F-01	STP	15	100	-	-	-	-	15
2	F-02	F-01	100	100	-	-	-	-	100
3	F-03	F-02	31	100	-	-	-	-	31
4	F-04	F-03	15	100	-	-	-	-	15
5	F-05	F-03	64	100	-	-	-	-	64
6	F-06	F-05	15	100	-	-	-	-	15
7	F-07	F-05	78	100	-	-	-	-	78
8	F-08	F-02	44	100	-	-	-	-	44
9	F-09	F-08	15	100	-	-	-	-	15
10	F-10	F-08	89	100	-	-	-	-	89
	TOTAL		466		0	0	0	0	466
				SAY	0	0	0	0	470



PROJECT : PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY (NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023, DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD IN COLLABORATION WITH LAND OWNERS AND IT'S ASSOCIATE COMPANIES

TITLE -> Flushing WATER SUPPLY HYDRAULIC CHART.

S.N 0	Line No		APPARTMENT (GENERAL)			Water Requirement for Non Residential Apartment.						Gross Water Requirement (Load on Line)	Average Demand	Peak Demand @ 2.5 Times	Flow Rate	Length of Pipe	Head Loss Mtr/ Mtr	Total Head Loss	Velocity	Dia of Pipe Required	Dia of Pipe	Ground LVL at start	Hydraulic LVL at start	Head at start	Ground LVL at End	Hydraulic LVL at End	Head at End	
	From	To	Number of Apartments Per Tower	Population @ 5 persons Population per Apartment	Water Requirement @ 172.5 Ltr/ head / day	TYPE OF BUILDING	Area in Acre Commercial & Community Building	TYPE OF BUILDING	water requirement	Basis of Water Requirement in LPD	Branch	Total Water Requirement in LPD	LPD	KLD	KLD	LPM	MTR.	MTR.	MTR.	M/SEC	MM	MM	MTR.	MTR.	MTR.	MTR.	MTR.	MTR.
				5	86.38																							
1	F-01	STP	0	0	0					0	239991	239991	239991	240	600	417	15	0.0085	0.13	0.884	76.79	100	243.85	293.65	50.00	243.85	293.72	49.87
2	F-02	F-01	0	0.000	0					0	239991	239991	239991	240	600	417	100	0.0085	0.85	0.884	76.79	100	243.70	293.72	50.02	243.85	292.86	49.03
3	F-03	F-02	0	0	0					0	143994	143994	143994	144	360	250	31	0.0033	0.10	0.530	59.48	100	243.60	292.88	49.28	243.70	292.78	49.08
4	F-04	F-03	159	795.000	47998	TOWER				47998		47998	47998	48	120	83	15	0.0004	0.01	0.177	34.34	100	243.60	292.78	49.18	243.60	292.77	49.17
5	F-05	F-03	0	0.000	0					0	95996	95996	95996	96	240	167	64	0.0015	0.10	0.353	48.57	100	243.60	292.77	49.17	243.60	292.77	49.17
6	F-06	F-05	159	795	47998	TOWER				47998		47998	47998	48	120	83	15	0.0004	0.01	0.177	34.34	100	243.60	292.77	49.17	243.60	292.76	49.16
7	F-07	F-05	159	795.000	47998	TOWER				47998		47998	47998	48	120	83	78	0.0004	0.03	0.177	34.34	100	243.45	292.78	49.33	243.45	292.74	49.28
8	F-08	F-02	0	0	0					0	95996	95996	95996	96	240	167	44	0.0015	0.07	0.353	48.57	100	243.70	292.74	49.04	243.70	292.67	48.97
9	F-09	F-08	159	795.000	47998	TOWER				47998		47998	47998	48	120	83	15	0.0004	0.01	0.177	34.34	100	243.70	292.74	49.04	243.70	292.74	49.04
10	F-10	F-08	159	795	47998	TOWER				47998		47998	47998	48	120	83	89	0.0004	0.04	0.177	34.34	100	243.60	292.87	49.07	243.60	292.64	49.04



PROJECT :PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023.DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD. IN COLLABORATION WITH LAND OWNERS AND IT' S ASSOCIATE COMPANIES

MATERIAL STATEMENT FOR SEWER WATER LINE

SL	LINE		PIPE LENGTH	PIPE DIA METER	200 MM DIA LENGTH	250 MM DIA LENGTH	300 MM DIA LENGTH	400 MM DIA LENGTH
NO.	From	To	METER	METER	METER	METER	METER	METER
1	S01	S02	89	200	89	-	-	-
2	S02	S03	93	200	93	-	-	-
3	S03	S4	130	200	130	-	-	-
4	S04	S05	132	250	-	132.0	-	-
5	S05	S07	149	250	-	149.0	-	-
6	S06	S06A	51	200	51	-	-	-
7	S06A	S07	86	200	86	-	-	-
	S07	STP.	10	250	-	10.0	-	-
	TOTAL		730		449	291	0	0
	SAY		745		450	295	0	0
	STP BYPASS LINE			250 METER, 150 MM DIA				



PROJECT : PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023.DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD. IN COLLABORATION WITH LAND OWNERS AND IT'S ASSOCIATE COMPANIES

HYDRAULIC SEWER DESIGN SHEET

S.No.	Line No.		Numb er of Apart ment s Per Towe r	Population @ 5 persons Population per/ Apartmen t	Water Reulirement @ 172.5 Ltr/ head / day			Type of Building	Water Requirement For Other Building			Gross Water Require ment (Load on Line)	Sewag e Flow (Self Load on Line) LPD	Sewage Flow (Self Load on Line) KLD	Previo us Load	Progr essiv e Discha rge	Progr essive Dischar ge (Averag e)	Progr essiv e Disch arge (Peak)	Infiltr ation @ 25% Av. Discha rge	Total Disch arge	Length	Pipe size requir ed	Pipe Size	slop	Fall	Velo city	Capa city of Pipe	Check	Road Format ion level at Start	Invert Levels at Start	Road Forma tion level at End	Invert Levels at End	
			Nos.	Nos.	lpd.	lpd.	lpd.		Dom. lpd	Flu. lpd	Total lpd																						
	From	To		5	112.13	60.38	172.5					lpd.	80%	1000	Kld.	Kld.	lps.	lps.	lps.	lps.	(mtr.)	(mm)	(mm)	(mm)	(mtr.)	m/s)	(v	lps.		(mtr.)	(mtr.)	(mtr.)	(mtr.)
1	S01	S02	159	795	89139	47998	137138	TOWER			0	137138	109710	109.71	0.00	109.71	1.27	3.81	0.32	4.13	89	118.4	200	200	0.45	0.7	11.59	OK	243.70	242.30	243.70	241.86	
2	S02	S03	159	795	89139	47998	137138	TOWER			0	137138	109710	109.71	109.71	219.42	2.54	7.62	0.63	8.25	93	167.4	200	200	0.47	0.7	11.59	OK	243.70	241.86	243.70	241.39	
3	S03	S4	0	0	0	0	0				0	0	0	0.00	219.42	219.42	2.54	7.62	0.63	8.25	130	167.4	200	200	0.65	0.7	11.59	OK	243.70	241.39	243.60	240.74	
4	S04	S05	159	795	89139	47998	137138	TOWER	16250	8750	25000	162138	129710	129.71	219.42	349.13	4.04	12.12	1.01	13.13	132	211.2	250	250	0.53	0.8	18.80	OK	243.60	240.74	243.60	240.21	
5	S05	S07	0	0	0	0	0				0	0	0	0.00	349.13	349.13	4.04	12.12	1.01	13.13	149	211.2	250	250	0.60	0.8	18.80	OK	243.85	242.45	243.85	241.85	
6	S06	S06A	159	795	89139	47998	137138	TOWER			0	137138	109710	109.71	0.00	109.71	1.27	3.81	0.32	4.13	51	118.4	200	200	0.26	0.7	11.59	OK	243.85	242.45	243.85	242.20	
7	S06A	S07	159	795	89139	47998	137138	TOWER			0	137138	109710	109.71	0.00	109.71	1.27	3.81	0.32	4.13	86	118.4	200	200	0.43	0.7	11.59	OK	243.85	242.45	243.85	242.02	
7	S07	STP.	0	0	0	0	0				0	0	0	0.00	458.84	458.84	5.31	15.93	1.33	17.26	10	242.1	250	250	0.04	0.8	18.80	OK	243.85	240.21	243.85	240.17	



PROJECT : PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY (NILP) DATED 11.05.2022 ON LAND MEASURING 118.29625 ACRES (LICENCE NO. 219 OF 2023 DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD. IN COLLABORATION WITH LAND OWNERS AND IT'S ASSOCIATE COMPANIES

MATERIAL STATEMENT OF STROM

SL NO.	SW LINE		DIA OF PIPE IN MM	LENGTH OF PIPE METER	300 DIA OF PIPE LENGTH	400 DIA OF PIPE LENGTH	500 DIA OF PIPE LENGTH	600 DIA OF PIPE LENGTH
	From	To						
1	SW-01	SW-02	400	169	-	169	-	-
2	SW-02	SW-03	400	172	-	172	-	-
3	SW-03	SW-04	400	163	-	163	-	-
4	SW-04	SW-08	400	60	-	60	-	-
5	SW-05	SW-06	400	149	-	149	-	-
6	SW-06	SW-07	400	211	-	211	-	-
7	SW-07	SW-08	400	202	-	202	-	-
8	SW-08	OUT	500	20	-	-	20	-
TOTAL				1146	0	1126	20	0
Say 1320 Mtr.				1150	0	1130	20	0



PROJECT : PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023.DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD.IN COLLABORATION WITH LAND OWNERS AND IT'S ASSOCIATE COMPANIES

TITLE :- STORM WATER DRAINAGE - HYDRAULIC DESIGN CHART.

S.No	Line No.		Length in mtr.	self area in sqmtr.	Self Area (Hec)	previous area in hec.	Total Area (Hec)	Rain Fall mm/hr	Discharge @17.36 lps/Hec	Pipe dia required (mm)	Pipe dia (mm)	Slope (mm) 1 in	Velocity m/sec.	Cap of pipe in lps.	Check	Fall in line mtr.	Ground level at Start	Invert Level at Start	Ground level at End	Invert Level at End	Manhole Depth	
																					Depth at Start	Depth at End
1	SW-01	SW-02	169.0	5729	0.573	0.000	0.573	6.25	9.95	134.51	400	450	0.7	85.11	OK	0.38	243.60	242.40	243.60	242.02	1.20	1.58
2	SW-02	SW-03	172.0	7804.0	0.780	0.573	1.353	6.25	23.49	206.74	400	450	0.7	85.11	OK	0.38	243.60	242.02	243.65	241.64	1.58	2.21
3	SW-03	SW-04	163.0	14480	1.448	1.353	2.801	6.25	48.63	297.44	400	450	0.7	85.11	OK	0.36	243.65	241.64	243.45	241.28	2.21	2.17
4	SW-04	SW-08	60.0	2960	0.296	2.801	3.097	6.25	53.77	312.76	400	450	0.7	85.11	OK	0.13	243.45	241.28	243.45	241.15	2.17	2.30
5	SW-05	SW-06	149.0	3480	0.348	0.000	0.348	6.25	6.04	104.84	400	450	0.7	85.11	OK	0.33	243.60	242.40	243.60	242.07	1.20	1.53
6	SW-06	SW-07	211.0	7368	0.737	0.348	1.085	6.25	18.83	185.08	400	450	0.7	85.11	OK	0.47	243.60	242.07	243.65	241.60	1.53	2.05
7	SW-07	SW-08	202.0	16315	1.632	1.085	2.716	6.25	47.15	292.88	400	450	0.7	85.11	OK	0.45	243.65	241.60	243.45	241.15	2.05	2.30
8	SW-08	OUT	20.0	2660	0.266	5.813	6.079	6.25	105.54	438.18	500	550	0.7	139.59	OK	0.04	243.45	241.15	243.45	241.11	2.30	2.34



PROJECT :PROPOSED BUILDING PLAN OF RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023.DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 12.572 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD. IN COLLABORATION WITH LAND OWNERS AND IT' S ASSOCIATE COMPANIES

MATERIAL STATEMENT OF ROAD

6 METER WIDE ROAD

S.NO	NODE	WIDE(m)	LENGTH(m)	6 M	WIDTH Metalled	AREA in SQM
1	R5A-R5	6	31	31	6	186
	Total 6 M Wide Road Length =		31.00	Total 6 M Wide Road Area =		186.000
	Add 5% for Curve		1.55			9.30
	TOTAL		32.55			195.30

7.5 METER WIDE ROAD

S.NO	NODE	WIDE(m)	LENGTH(m)	7.5 M	WIDTH Metalled	AREA in SQM
1	R1-R2	7.5	324	324	7.5	2430
2	R3-R4	7.5	334	334	7.5	2505
	Total 7.5 Wide Road Length =		658.00	Total 6 M Wide Road Area =		4935.000
	Add 5% for Curve		32.90			246.75
	TOTAL		690.90			5181.75

9 METER WIDE ROAD (CIRCLE)

S.NO	NODE CIRCLE	WIDE(m)	LENGTH(m)	9 M	WIDTH Metalled	AREA in SQM
1	R7-R7	9	43.5	43.5	5.5	239.25
2	R11-R11	9	43.5	43.5	5.5	239.25
3	R16-R16	9	43.5	43.5	5.5	239.25
	Total 9 M Wide Road Length =		130.50	Total 9 M Wide Road Area =		717.750
	Add 5% for Curve		6.53			35.8875
	TOTAL		137.03			753.638



MATERIAL STATEMENT OF ROAD						
9 METER WIDE ROAD						
S.NO	NODE	WIDE(m)	LENGTH(m)	9 M	WIDTH Metalled	AREA in SQM
1	R5-R4	9	387	387	5.5	2128.5
2	R14-R15	9	40.5	40.5	5.5	222.75
	Total 9 M Wide Road Length =		427.50	Total 9 M Wide Road Area =		2351.250
	Add 5% for Curve		21.38			117.5625
	TOTAL		448.88			2468.813



10 METER WIDE ROAD						
S.NO	NODE	WIDE(m)	LENGTH(m)	10 M	WIDTH Metalled	AREA in SQM
1	R10-R11	10	8	8	5.5	44
2	R12-R13	10	11.2	11.2	5.5	61.6
	Total 10 M Wide Road Length =		19.20	Total 10 M Wide Road Area =		105.600
	Add 5% for Curve		0.96			5.28
	TOTAL		20.16			110.880
12 METER WIDE ROAD						
S.NO	NODE	WIDE(m)	LENGTH(m)	12 M	WIDTH Metalled	AREA in SQM
1	R6-R7	12	9.6	9.6	5.5	52.8
2	R8-R9	12	10.8	10.8	5.5	59.4
3	R16A-R16	12	10.7	10.7	5.5	58.85
4	R17-R18	12	12.8	12.8	5.5	70.4
	Total 12 M Wide Road Length =		43.90	Total 10 M Wide Road Area =		241.450
	Add 5% for Curve		2.20			12.0725
	TOTAL		46.10			253.523
Total Length of 6,7.5,9,10, 12 Wide Road			1375.61	Total Length of 6, 7.5, 9, 10,12 M Wide Road		8963.90
Length SAY			1380 Meters	Area Say		8965 Sqm.
				NOSE	AREA in SQM	TOTAL AREA in SQM
1	CARE ON SURFACE PARKING			47	12.5	587.50
	TOTAL					587.500
	TOTAL AREA					9551.40
	TOTAL AREA SAY					9600



From

Chief Town Planner, Haryana-cum- Chairman,
Building Plan Approval Committee,
O/o Director, Town & Country Planning Department, Haryana,
Ayojna Bhawan, Madhya Marg, Sector-18, Chandigarh.
Tele-Fax: 0172-2548475; Tel.: 0172-2549851,
E-mail: tcpharyana7@gmail.com
Website www.tcpharyana.gov.in

To

DLF Limited.,
3rd Floor, Shopping Mall Complex, Arjun Marg,
DLF Phase-I, Gurugram - 122002.

Memo No. ZP-1895/PA(DK)/2024/ 8037 Dated 05/03/24

Subject:

Approval of revised Phasing Plan & building plans of Phase -VI part of Residential Group Housing Colony (under NILP) area measuring 116.29625 acres (Licence No. 219 of 2023 dated 25.10.2023), Sector-76 & 77, Gurugram being developed by DLF Limited.

Reference:

Your letter dated 19.01.2024 and PSTCP Memo No. Misc-2295/2021/1775 dated 25.01.2021 on the subject cited above.

The revised phasing plan and building plans of Phase -VI are approved in-principle for the purpose of considering objections/suggestions of the allottees as per policy dated 25.01.2021 with the following conditions:-

- (i) That you shall invite objections from each existing allottee regarding the said amendment to the phasing plan and building plan through an advertisement to be issued at least in three national newspapers widely circulated in District, of which one shall be in Hindi Language, within a period of 10 days from the issuance of approval.
- (ii) Each existing allottee shall also be informed about the proposed revision through registered post with a copy endorsed to the Senior Town Planner, Gurugram in case of phasing plan and building plan within two days from the advertisement as per (a) above clearly indicating the last date for submission of objection. A certified list of all existing allottees shall also be submitted to the Senior Town Planner, Circle office.
- (iii) A copy of the earlier approved phasing plan and the revised phasing plan and building plan being approved in-principle shall be hosted on your website and site office for information of all such existing allottees.
- (iv) That you shall submit certificate from the Senior Town Planner, Gurugram about hosting the revised phasing plan and building plan showing changes in the earlier approved phasing plan on the website of the company.
- (v) To display the revised phasing plan and building plan showing changes from the approved phasing plan at your site office.
- (vi) That the allottees may be granted 30 days' time to file their objections in the office of the Senior Town Planner, Gurugram. During this 30 days' period the original phasing plan as well as the revised phasing plan and building plan shall be available in the office of the colonizer as well as in the office of the Senior Town Planner, Gurugram for reference of the allottees.
- (vii) The objections received, if any, shall be examined by the office of the Senior Town Planner, Gurugram. The Senior Town Planner, Gurugram shall give an opportunity of hearing to the colonizer and objector to explain their position regarding revised phasing plan and building plan and shall submit the recommendation to the Competent Authority within a period of 90 days from the issuance of the advertisement. The Competent Authority may decide to make amendments in the phasing plan, which shall be binding upon the colonizer.

- (viii) That you shall submit a report clearly indicating the objection if any, received by him from the allottees and action taken thereof alongwith undertaking to the effect that the rights of the allottees have not been infringed, and that no objection on the changes has been received from any existing allottee.
- (ix) That you shall not give the advertisement for booking/sale of flats/space in Phase-VI till the final approval of revised phasing plan and building plan.
- (x) That the Geo Technical Engineer Sh. Jaydeep Wagh shall got empaneled before the issue of final sanction letter (BR-III)".

Thereafter, "Final" approval of the "Provisional" revised phasing plan and building plans of Phase-VI alongwith sanction letter (BR-III) will be conveyed after examination of the objections.

A copy of the revised phasing plan and building plan approved in-principle for the purpose of inviting objections is enclosed for further necessary action and for submission of necessary compliances.


(Hitesh Sharma)
Senior Town Planner (M)HQ
Member Secretary

For: Chief Town Planner, Haryana-cum-Chairman,
Building Plan Approval Committee,
Town & Country Planning Department,
Haryana, Chandigarh.

Encls. No. ZP-1895/PA/DK/2024/ _____ Dated _____

A copy is forwarded to the Senior Town Planner, Gurugram with the request that the end of thirty days period from the issue of advertisement seeking objection you are requested to ascertain that all existing allottees have been served the information about revision of phasing plan and building plan. Any objections received within 30 days of publication of notice may be forwarded to this office alongwith your comments on the same specifically as per instructions dated 25.01.2021 to enable final decision in the matter.


(Hitesh Sharma)
Senior Town Planner (M)HQ
Member Secretary

For: Chief Town Planner, Haryana-cum-Chairman,
Building Plan Approval Committee,
Town & Country Planning Department,
Haryana, Chandigarh.

Encls. No. ZP-1895/PA/DK/2024/ _____ Dated _____

A copy is forwarded to Nodal Officer, Website Updation alongwith scanned approved provisional revised phasing plan and building plan in CD format with a request to host the list of such revised phasing plan and building plan mentioning the name of the licensee, licence number, sector number/Town, Date of earlier approval, and date of in-principle approval on the website of the Department. After expiry of the thirty days period the name of that licensee will be removed from this list and additional case if any should be added.

DA/As above


(Hitesh Sharma)
Senior Town Planner (M)HQ
Member Secretary

For: Chief Town Planner, Haryana-cum-Chairman,
Building Plan Approval Committee,
Town & Country Planning Department,
Haryana, Chandigarh.

FORM LC -V
(See Rule 12)
HARYANA GOVERNMENT
TOWN AND COUNTRY PLANNING DEPARTMENT

Licence No. 219 of 2023

This Licence has been granted under the Haryana Development and Regulation of Urban Areas Act, 1975 & the Rule 1976 made there under to DLF Ltd., Milda Buildwell Pvt. Ltd., Vikram Electric Equipment Pvt. Ltd., Sh. Rajkumar S/o Sh. Dayanand, Mahinder Singh S/o Dal Singh, Ishwar Singh-Bastiram, Krishan Kumar Yadav, Mahenderpal Singh, Devender Singh Yadav, Giriraj Yadav, Virender Singh Yadav Ss/o Surajmal Yadav, Harsh Yadav, Dherya Yadav Ss/o Surinder Singh Yadav, Rakesh Kumar S/o Amritlal, Nadish Real Estates Developers Pvt. Ltd., Malkhan Singh, Shribhagwan, Vijaypal, Naja Estates Developers Pvt. Ltd., Balaji Tirupati Infrastructure Pvt. Ltd., Invecon Pvt. Ltd., Jayanti Real Estates Developers Pvt. Ltd., Ananti Builders and Constructions Pvt. Ltd., Uni International Pvt. Ltd., Qabil Builders and Developers Pvt. Ltd., Raeks Estates Developers Pvt. Ltd., Satbir S/o Girabu, Pawan S/o Pyare Lal, Karida Real Estates Pvt. Ltd, Gurgaon One Realty Pvt. Ltd. in collaboration with DLF Ltd., 1st Floor, DLF Gateway Tower, R Block, DLF City Phase-III, Gurugram-122002 for setting up of Residential Colony (under New Integrated Licensing Policy (NILP) over an area measuring 116.29625 acres (after migration area 103.05625 acres from licence no. 27 of 2012 dated 02.04.2012 along with fresh area 13.24 acres) in Sector-76-77, Gurugram Manesar Urban Complex.

1. The particulars of the land, wherein the aforesaid Residential Colony under NILP - 2022 is to be set up, are given in the Schedule annexed hereto and duly signed by the Director General, Town & Country Planning, Haryana.

2. The Licence is granted subject to the following conditions: -

- a) You will pay the Infrastructure Development Charges amounting to Rs. 21,26,30,228/- in two equal instalments. First instalment will be due within 60 days of grant of license and second instalment within six months of grant of license failing which 18% PA Interest will be liable for the delayed period.
- b) That you shall maintain and upkeep all roads, open spaces, public parks and public health services for a period of five years from the date of issue of the completion certificate unless earlier relieved of this responsibility and thereupon to transfer all such roads, open spaces, public parks and public health services free of cost to the Government or the local authority, as the case may be, in accordance with the provisions of Section 3(3)(a)(iii) of the Haryana Development and Regulation of Urban Areas Act, 1975.

c) That area coming under the sector roads and restricted belt/green belt which forms part of licensed area and in lieu of which benefit to the extent permissible as per policy towards plotable area is being granted, shall be transferred free of cost of the Govt.

- d) That if any external development works are provided at any stage by HUDA/Government, then applicant shall have to pay the proportionate development charges.
- e) That you shall integrate the services with the HSVP services as per the approved service plans and as and when made available.


Director General
Town & Country Planning
Haryana, Chandigarh

- f) That you shall submit NOC as required under notification dated 14.09.2006 issued by Ministry of Environment and Forest, Govt. of India before executing development works at site.
- g) That you shall make arrangement for water supply, sewerage drainage etc to the satisfaction of DGTCP till these services are made available from external infrastructure to be laid by H5VP.
- h) That you shall provide the rain water harvesting system as per Central Ground Water Authority Norms/Haryana Govt. notification as applicable.
- i) That you shall make provision of solar water heating system as per guidelines of Haryana Renewable Energy Development Agency and shall be made operational where applicable before applying for an Occupation Certificate.
- j) That you shall use only LED lamps fitting for internal lighting as well as campus lighting.
- k) That you shall ensure the installation of Solar Photovoltaic Power Plant as per provision of notification no. 22/52/2005-5 power dated 03.09.2014 of Haryana Government Renewable Energy Department if required
- l) That you shall convey Ultimate Power Load Requirement of the project to the concerned power utility, with a copy to the Director, with in two month period from the date of grant of licence to enable provision of site in your land for Transformers/Switching Station/ Electric Sub-Stations as per the norms prescribed by the power utility in the zoning plan of the project.
- m) That it is understood that the development / construction cost of 24/18 m wide road/major internal road is not included in the EDC rates and you will pay the proportionate cost for acquisition of land, if any alongwith the construction cost of 24/18 m wide road/major internal road as and when finalized and demanded by the Director General, Town & Country Planning, Haryana.
- n) That you shall arrange electric connection from outside source for electrification of his colony from HVPN and shall install the electricity distribution infrastructure as per the peak load requirement of the colony for which he shall get the electrical (distribution) service plan /estimates approved from the agency responsible for installation of external electric services i.e. HVPN/UHBNL/DHBNL Haryana and complete the same before obtaining completion certificate for the colony.
- o) That you shall permit the Director or any other officer authorized by him to inspect the execution of the layout and the development works in the colony and to carry out all directions issued by him for ensuring due compliance of the execution of the layout and development works in accordance with the licence granted.
- p) That you shall deposit thirty per centum of the amount realised, from time to time, by him, from the plot holders within a period of ten days of its realization in a separate account to be maintained in a scheduled bank. This amount shall only be utilized by him towards meeting the cost of internal development works in the colony.
- q) That you shall abide for paying the labour cess as per policy instructions issued by Haryana Government vide Memo No. Misc. 2057-5/25/2008/2TCP dated 25.02.2010.
- r) That you shall keep pace of construction atleast in accordance with sale agreement executed with the buyers of the flats as and when scheme is launched.
- s) That you shall not give any marketing and selling rights to any other company other than the collaborator company

epd

- t) That no claim shall lie against HSVP till non-provision of EDC services, during next five years.
- u) That you shall submit the compliance of Rule -24,26,27 & 28 of Rules 1976 & Section -5 of Haryana Development and Regulation of Urban Areas Act, 1975, the applicant company shall inform account number & full particulars of the scheduled bank wherein the applicant company have to deposit thirty percentum of the amount from buyers for meeting the cost of internal development works in the colony.
- v) That you shall provide the community facilities as per policy dated 09.05.2018 and as amended time to time.
- w) That you shall abide by the provision of the New Integrated Licence policy dated 11.05.2022 and the amendment therein.
- x) That you shall maintain the ROW of 2 nos. 60 KV and 1 no. 220 KV HT line passes through the applied site.
- y) That you shall maintain the ROW of GAIL Pipe line passes through the applied site.
- z) That you shall not encroach the Revenue Rasta passes through the applied site and keep it thoroughfare movement of general public.
- aa) That you shall integrate its bank account in which 70% allottee receipts are credited under Section-4(2)(i)(D) of the Real Estate Regulation and Development Act, 2016 with the on-line application/payment gateway of the Department, in such manner, so as to ensure that 10% of the total receipts from each payment made by an allottee is automatically deducted and gets credited to the EDC head in the State treasury.
- bb) That such 10% of the total receipts from each payment made by an allottee, which is received by the Department shall get automatically credited, on the date of receipt in Government treasury against EDC dues.
- cc) Such 10% deduction shall continue to operate till the total EDC dues get recovered from the owner/developer.
- dd) The implementation of such mechanism shall, however, have no bearing on the EDC installment schedule conveyed to the owner/developer. The owner/developer shall continue to supplement such automatic EDC deductions with payments from its own funds to ensure that the EDC installments that are due for payment get paid as per prescribed schedule.
- ee) That the owner/developer shall derive maximum net profit at the rate of 15% of the total project cost of the development of the above said Residential Plotted Colony after making provisions of the statutory taxes. In case, the net profit exceeds 15% after completion of the project period, the surplus amount shall be deposited within two months in the State Government Treasury by the Owner/Developer or they shall spend this money on further amenities/facilities in their colony for the benefit of the resident therein.
- ff) That you shall obey all the directions/restrictions imposed by the Department from time to time in public interest.
- gg) That you shall take prior permission from the Divisional Forest Officer, Gurugram regarding cutting of any tree at applied site, before grant of licence.
3. That you shall abide by the conditions mentioned in letter dated 29.09.2023 of Chief Engineer, HSVP, Panchkula in respect to feasibility of laying down of services/ utilities planned in pocket B of the proposed layout plan through 3 Karam Rast.

4. That you shall demolish the existing structures raised at site before grant of completion certificate and shall use only for temporary storage of construction material.
5. That the Building Plans of the Residential Colony under NILP policy shall only be taken into consideration after receipt of amount in lieu of compliance of condition no. 6(y) of the LOI or final decision of the Government.
6. That you shall abide by the final outcome of memo no. 30748-49 dated 15.09.2023 addressed to DUE, Panchkula/LAO, Gurugram regarding acquisition status of balance land of existing licence no. 27 of 2012.
7. The licence is valid up to 24/10/2028.

Dated: The 25/10/2023.
Chandigarh

(T.L. Satyaprakash, IAS)
Director General,
Town & Country Planning
Haryana Chandigarh

Endst. No. LC-5120/JE(SB)/2023/ 36210

Dated: 26-10-2023

A copy along with a copy of schedule of land is forwarded to the following for information and necessary action: -

1. DLF Ltd., Milda Buildwell Pvt. Ltd., Vikram Electric Equipment Pvt. Ltd., Sh. Rajkumar S/o Sh. Dayanand, Mahinder Singh S/o Dal Singh, Ishwar Singh-Bastiram, Krishan Kumar Yadav, Mahenderpal Singh, Devender Singh Yadav, Giriraj Yadav, Virender Singh Yadav Ss/o Surajmal Yadav, Harsh Yadav, Dherya Yadav Ss/o Surinder Singh Yadav, Rakesh Kumar S/o Amritlal, Nadish Real Estates Developers Pvt. Ltd., Malkhan Singh, Shribhagwan, Vijaypal, Naja Estates Developers Pvt. Ltd., Balaji Tirupati Infrastructure Pvt. Ltd., Invecon Pvt. Ltd., Jayanti Real Estates Developers Pvt. Ltd., Ananti Builders and Constructors Pvt. Ltd., Uni International Pvt. Ltd., Qabil Builders and Developers Pvt. Ltd., Raeks Estates Developers Pvt. Ltd., Satbir S/o Girabu, Pawan S/o Pyare Lal, Karida Real Estates Pvt. Ltd, Gurgaon One Reality Pvt. Ltd. in collaboration with DLF Ltd., 1st Floor, DLF Gateway Tower, R Block, DLF City Phase-III, Gurugram-122002 alongwith a copy of agreement, LC-IV B, Bilateral agreement, land schedule & zoning plan.
2. Chairman, Pollution Control Board, Haryana, Sector-6, Panchkula.
3. Chief Administrator, HSVP, Panchkula.
4. Chief Administrator, Housing Board, Panchkula alongwith copy of agreement.
5. Managing Director, HVPN, Planning Directorate, Shakti Bhawan, Sector-6, Panchkula.
6. Joint Director, Environment Haryana-Cum-Secretary, SEAC, Paryavaran Bhawan, Sector-2, Panchkula.
7. Addl. Director Urban Estates, Haryana, Panchkula.
8. Administrator, HSVP, Panchkula.
9. Chief Engineer, HSVP, Panchkula.
10. Superintending Engineer, HSVP, Gurugram along with a copy of agreement.
11. Land Acquisition Officer, Gurugram.
12. Senior Town Planner, Gurugram alongwith zoning plan.
13. District Town Planner, Gurugram along with a copy of agreement and zoning plan.
14. Chief Accounts Officer O/o DGTCP, Haryana, Chandigarh along with a copy of agreement.
15. Nodal Officer (Website) to update the status on the website.

(R.S. Batth)
District Town Planner (HQ)
For: Director General, Town & Country Planning
Haryana Chandigarh

To be read with License No. 219 Dated 25/10 of 2023

1. DLF Limited

Village	Rect. No.	Killa No.	Area Remarks		
			K	M	S
Kherki Daula	59	11/2	7	2	0
	59	12/1	5	15	0
		76/4/2	1	1	0
		Total	13	18	

2. Milda Buildwell Pvt. Ltd.

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	59	13/1/1	1	12	0
	59	8/3	1	1	0
	59	9/2/1/3	0	16	0
		Total	3	9	0

3. Vikram Electric Equipment Pvt. Ltd.

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	59	19/1	4	0	0
	59	22	8	0	0
	59	23	8	0	0
	64	17	8	0	0
	64	24	8	0	0
	64	25 min	6	10	0
	67	6/1 min	0	3	0
	68	1/2/2	0	6	0
	68	10/1/2 min	0	19	0
		Total	43	18	0

4. Sh. Rajkumar S/o Sh. Dayanand

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	65	14/2	4	0	0

5. Mahinder Singh, Ishwar Singh, Bastiram

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	59	13/1/2	2	8	0
	59	8/2	3	17	0
	59	9/2/1/2	0	13	0
		Total	6	18	0

D.G.T.C.P (HR)

6. Nadish Real Estates Developers Pvt. Ltd.

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	64	1	8	0	0
	64	10	8	0	0
	64	2	8	0	0
	64	3	8	0	0
	65	12/1	1	2	0
	65	12/2	2	14	0
	65	13	8	13	0
	65	14/1	4	0	0
	65	2	8	0	0
	65	3/1	4	2	0
	65	3/2	3	14	0
	65	3/3	0	4	0
	65	4/1	0	9	0
	65	4/2	7	11	0
	65	5/1	0	9	0
	65	5/2	7	11	0
	65	6/1	7	11	0
	65	6/2	0	9	0
	65	7/1	7	16	0
	65	7/2	0	4	0
	65	8	8	0	0
	65	9	8	0	0
		Total	112	9	0

7. Malkhan Singh, Shribhagwan, Vijaypal

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	58	22	8	0	0
	58	23/1	4	4	0
		Total	12	4	0

8. Naja Estates Developers Pvt. Ltd.

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	58	16/2	2	12	0
	58	23/2	3	16	0
	58	24/1	7	19	0
	58	25/1	7	19	0
	59	10/2	7	12	0
	59	11/1	0	18	0
	59	12/2	1	18	0
	59	13/2	4	0	0
	59	18	8	0	0
	59	26/2	1	0	0
	59	9/2/3	3	14	0
		76/4/1	0	12	0
		Total	50	0	0

9. DLF Limited (1/2 Share) ,
Balaji Tirupati Infrastructure Pvt. Ltd. (1/2 Share)

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	59	19/2	4	0	0
	59	20	8	0	0
	59	21	8	0	0
		Total	20	0	0

10. DLF Limited (97/185 Share),
Krishan Kumar Yadav, Mahenderpal Singh, Devender Singh Yadav, Giriraj Yadav,
Virender Singh Yadav Ss/o Surajmal Yadav 22/111 share,
Harsh Yadav, Dherya Yadav Ss/o Surinder Singh Yadav 22/555 share
Rakesh Kumar S/o Amritlal (44/185 Share)

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	64	13/1/2	4	4	0
	64	14	8	0	0
	64	8/1	6	6	0
		Total	18	10	0

11. Invecon Pvt. Ltd. (1/6 Share),
Jayanti Real Estates Developers Pvt. Ltd. (219/654)
Vikram Electric Equipment Pvt. Ltd. (1/2 Share)

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	63	21/1/1/2: min	0	3	0
	68	1/1/2	0	18	0
		Total	1	1	0

12. Invecon Pvt. Ltd. (1/2 Share)
Vikram Electric Equipment Pvt. Ltd. (1/2 Share)

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	67	4	8	0	0
	67	5 min	3	0	0
	67	7min	7	10	0
	67	14 min	1	9	0
	67	15/2 min	0	19	0
	67	6/2 min	0	1	0
	67	8/1	1	3	0
		Total	22	2	0

13. Invecon Pvt. Ltd. (70/71 Share)
Vikram Electric Equipment Pvt. Ltd. (1/71 Share)

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	68	10/2/2 min	0	5	0
	68	11/1 min	0	3	0
		Total	0	8	0

D.G.T.C.P (HR)

14. Ananti Builders & Constructions Pvt. Ltd.

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1283/1	0	10	0
	1284/1 min E	0	2	15
	1285	1	1	0
	1286 min E	0	15	17
	1287/2	0	15	0
	Total	3	4	12

15. Milda Buildwell Pvt. Ltd. (1280/2365 Share)
Uni International Pvt. Ltd. (1085/2365 Share)

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1172/2	0	16	0
	1173/1/1	2	18	12
	1174/1	0	11	0
	1182/2	0	5	13
	Total	4	11	5

16. Milda Buildwell Pvt. Ltd.

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1175	1	4	0
	1176	1	1	0
	1177	3	14	0
	1179	0	8	0
	1181	0	19	0
	1267	7	18	0
	1269	1	3	0
	1270	0	14	0
	1273	2	1	0
	1274	1	12	0
	1173/2	2	9	8
	1182/1	0	16	5
	1188/1 min	0	2	0
	1192/2 min	1	2	13
	1247/1	1	16	15
	1271/1	0	19	15
	1288/1	0	8	0
	1178	1	15	0
	1287/1	0	1	0
	1183	1	5	0
	1184	0	18	0
	1185/3/1	0	15	13
	1186/2/1	0	1	0

	1188/2	0	16	0
	1189/1 min E	0	12	14.75
	1193/1	1	13	0
	1194/1	0	14	0
	1260	1	9	0
	1261	1	5	0
	1262	0	12	0
	1263	0	12	0
	1264	1	0	0
	1279	0	13	0
	1301 min E	0	14	14
	1303	0	14	0
	1304	1	2	0
	1305 min E	0	17	1
	1306	0	10	0
	1307	2	6	0
	Total	48	14	18.75

17. Naja Estates Developers Pvt. Ltd.

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1180	0	8	0
	1195	2	2	0
	1196	0	5	0
	1197	1	8	0
	1198	1	3	0
	1199/2	2	17	16
	1199/3 min	3	6	14
	Total	11	10	10

18. Qabil Builders & Developers Pvt. Ltd.

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1268	0	8	0
	1272	0	16	0
	1192/1	0	5	10
	1247/2	0	14	5
	1271/2	0	9	5
	1205/2 min N	1	1	10
	1213/3	1	0	10
	1212/1	0	12	0
	Total	5	7	0

D.G.I.C.P (HR)

19. Raeks Estates Developers Pvt. Ltd.

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1246 min	0	4	10
	1248 min	3	11	0
	1244/1	0	18	0
	1244/2/2	2	13	0
	1249/1	0	18	0
	1249/2	1	19	0
	1200	2	3	0
	1201	2	4	0
	1206/1/1 min NW	1	13	9
	Total	16	3	19

20. Qabil Builders & Developers Pvt. Ltd. (1/2 Share)
Raeks Estates Developers Pvt. Ltd. (1/2 Share)

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1206/1/2	3	1	0

21. Milida Buildwell Pvt. Ltd. (1620/2523 Share)
Uni International Pvt. Ltd. (903/2523 Share)

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1204	2	6	0
	1205/1	1	6	4
	1213/2	2	13	19
	Total	6	6	3

22. Raeks Estates Developers Pvt. Ltd. (830/1660 Share),
Satbir S/o Garibu (320/1660 Share)
Pawan S/o Pyare Lal (510/1660 Share)

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1202	2	2	0
	1203	2	1	0
	Total	4	3	0

epdr
D.G.I.A.P (HR)
js

30. DLF Limited

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	48	18/2/2	2	16	0
	48	19/2	4	0	0
	48	21	7	11	0
	48	22	7	11	0
	48	23/1	3	19	0
	48	20/1	1	8	0
	48	20/2	6	12	0
	49	25	7	11	0
	60	3/1/1	1	3	0
		Total	42	11	0

31. Karida Real Estates Pvt. Ltd.

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	58	12/2	6	0	0
	58	19/1/1	3	0	0
	58	19/2/1	3	0	0
		76/5/2	2	0	0
		Total	14	0	0

32. Balaji Tirupati Infrastructure Pvt. Ltd.

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	49	23/1	1	18	0
	50	25/2/1	0	7	0
	59	1/1/1	2	2	0
	59	2/2	0	18	0
	59	3/1	4	0	0
	59	3/2	4	0	0
	59	9/1	1	0	0
		76/3	8	1	0
		77/3/2	1	15	0
		Total	24	1	0

33. Mahender Singh, Ishwar Singh, Bastiram

Village	Rect. No.	Killa No.	Area		
			K	M	S
Kherki Daula	59	1/1/2	5	14	0

34. DLF Limited

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1106	2	1	0


D.G.T.C.P (HR)

35. Milda Buildwell Pvt. Ltd.

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1301 min	0	0	10

36. Gurgaon One Reality Pvt. Ltd.

Village	Khasra No.	Area		
		B	B	B
Shikohpur	1102/2	0	3	0
	1105/2	0	4	0
	1107	1	10	0
	Total	1	17	0

Kherki Daula	86K-6M or 10.7875 acres		Fresh applied
Shikohpur	3B-18B-10B or 2.453125 acres		
Kherki Daula	308K-17M or 38.60625 acres		Under migration
Shikohpur	103B-2B-7.75B or 64.45 acres		
	Area fresh applied	13.24	Acres
	Area under migration	103.05625	Acres
	Grand Total	116.29625	Acres

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50

Director General
Town & Country Planning
Haryana, Chandigarh



हरियाणा शहरी विकास प्राधिकरण

HARYANA SHEHARI
VIKAS PRADHIKARAN

Tel. : 2570982
Toll Free No. : 1800-180-3030
Website : www.hsyp.in
Email : cencrhuda@gmail.com

Address: C-3, HSVP, HQ Sector-6
Panchkula

CE-I No. 88760

Dated: 08.04.2024

Annexure-A

SUB:- Approval of service plan estimate for Phase-VI falling in Residential Group Housing Colony over an area measuring 12.572 acres (License no. 219 of 2023 dated 25.10.2023) out of total area measuring 116.2965 acres under NILP Policy in Sector-76 & 77, Gurugram being developed by M/s DLF Ltd.

Technical note and comments:-

1. All detailed working drawings would have to be prepared by the colonizer for Integrating the internal services proposals with the master proposals of town.
2. The correctness of the levels will be the sole, responsibility of the colonizer for the integration of internal proposals, with the master proposals, of town and will be got confirmed before execution.
3. The material to be used shall the same specifications as are being adopted by HSVP and further shall also confirm to such directions, as issued by Chief Engineer, HSVP from time to time.
4. The work shall be carried out according to Haryana PWD specification or such specifications as are being followed by HSVP. Further it shall also confirm to such other directions, as are issued by Chief Engineer, HSVP from time to time.
5. The colonizer will be fully responsible to meet the demand of water supply and allied services till such time these are made available by State Government/ HSVP. All link connections with the State Government/ HSVP system and services will be done by the colonizer. If necessary extra tube-wells shall also be installed to meet extra demand of water beyond the provision according to EDC deposited.
6. Structural design & drawings of all the structures, such as pump chamber, boosting chamber, RCC OHSR, underground tanks, quarters, manholes chamber, sections of RCC pipes sewer and SW pipes, sewer, ventilating shafts for sewerage and Masonry Ventilation Chamber for Chamber for storm water drainage, temporary disposal/ arrangement etc. will be as per relevant I.S codes and PWD specifications, colonizer himself will be responsible for structural stability of all structures.
7. Potability of water will be checked and confirmed and the tube-wells will be put into operation after getting chemical analysis of water tested.
8. Only C.I/D.I pipes will be used in water supply and flushing system, UPVC/HDPE pipe for irrigation purposes.




हरियाणा शहरी विकास प्राधिकरण

HARYANA SHEHARI
VIKAS PRADHIKARAN

Tel. : 2570982
Toll Free No. : 1800-180-3030
Website : www.hsvp.in
Email : cencrhuda@gmail.com

Address: C-3, HSVP, HQ Sector-6
Panchkula

9. A minimum 100 i/d C.I/D.I, 200mm i/d SW and 400mm id RCC NP-3 pipes will be used for water supply, sewerage and storm water drainage respectively.
10. Standard X-section for S.W. pipes sewer, RCC pipes sewer etc. will be followed as are being adopted in Haryana Public Health Engineering Deptt. or HSVP. If needed, the same may be sought by the colonizer from concerned Executive Engineer of HSVP.
11. The X-section, width of roads, will be followed as approved by the Chief Town Planner, Haryana, Chandigarh. The kerbs and channels will also be provided as per approved X-section and specifications. If needed, the same may be sought by the colonizer from concerned Executive Engineer of HSVP.
12. The specifications for various roads will be followed as per IRC/MORTH specifications.
13. The wiring system of street lighting and specifications of street lighting fixture will be as per relevant standards.
14. This shall confirm to such other conditions as are incorporated in the approved estimate and the letter of approval.


Executive Engineer (M),
for Chief Engineer-I, HSVP,
Panchkula.