

SERVICE ESTIMATE, DESIGN REPORT AND CALCULATION OF INTERNAL DEVELOPMENT WORKS

FOR

PROPOSED "AFFORDABLE RESIDENTIAL PLOTTED COLONY"

(UNDER DEEN DAYAL JAN AWAS YOJNA) AREA MEASURING

6.30 ACRES (LICENSE NO. 18 OF 2022 DATED 11.03.2022) IN

THE REVENUE ESTATE OF VILLAGE – SIKHOPUR AND

NAURANGPUR IN SECTOR – 78, GURUGRAM BEING DEVELOPED

BY M/S CONMIN INFRA DEVELOPERS LLP

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SERVICE ESTIMATE, DESIGN REPORT AND CALCULATIONS OF INTERNAL DEVELOPMENT WORKS FOR PROPOSED "AFFORDABLE RESIDENTIAL PLOTTED COLONY" (UNDER DEEN DAYAL JAN AWAS YOJNA) AREA MEASURING 6.3012 ACRES (LICENSE No. 18 of 2022 Dated 11.03.2022) IN THE REVENUE ESTATE OF VILLAGE – SIKHOPUR AND NAURANGPUR IN SECTOR – 78, GURUGRAM BEING DEVELOPED BY M/S CONMIN INFRA DEVELOPERS LLP.

Gurugram town of Haryana State situated on N.H. -248 road at a distance of 35 Km from Delhi. Being in the national capital region, the town has fast developing tendency and potential. Further, it has also started sharing the growing residential, commercial and Industrial load of Delhi. In order to review the growing pressure of population in National Capital of Delhi, It has been decided by the Haryana Government to develop various infrastructure facilities in Gurugram Urban Complex. This report is for a part of service estimate for proposed "Affordable Residential Plotted Colony" (Under Deen Dayal Jan Awas Yojna) measuring 6.30 acres (License No. 18 of 2022 dated 11.03.2022) In the Revenue Estate of Village Sikhpur and Naurangpur in Sector –78, Gurugram being developed by M/s Conmin Infra Developers LLP has been prepared with the following provisions which are as under:-

1. WATER SUPPLY

The source of water supply in this area is by HSVP Mains. It has been proposed to construct underground tanks of capacity as per attached details and to location for domestic purpose and for fire protection. The underground tanks will be fed from the HSVP based supply, which will feed O.H. tanks on the roof of the Building and has been designed as per the Hazen Williams formula. Presently there is proposed / under execution HSVP W/S in this area. However the provision of tube wells has been taken due to non availability of water but after getting the approval from the competent authority through tube wells / tankers / any other approved source till HSVP W/Swill made available. The proposed tube well shall be 510mm bore drilled with reverse rotary rig and installed with 80mm i/d housing pipe and 50mm i/d slotted tube as strainer, hence the provision of 1 Nos. Tube Wells has been taken in this estimate.

DESIGN

The scheme has been designed for population of 2124 persons and considering @ 18.00 persons / units for Affordable Residential Plotted Colony and other provision etc. The combined quantum of water supply (domestic + flushing) per head / day has been taken as 172.50 Liters per head per day as per design calculation.

PUMPING EQUIPMENTS

It has been proposed to install pumping set as described with standby of equal capacity. The provision for standby generating set has also been provided in case of any time electricity failure. Generator will be provided separately or added to the capacity of main generator.

2. SEWERAGE

The scheme is designed for sewer connecting to the STP and bypass connection to HSVP sewer scheme. The sewer lines have designed for three times average D.W.F in relation to water supply demand. It has assumed that about 80% of the domestic and flushing water supply shall find its way into the proposed sewer. Sewer lines shall be running by gravity and discharge to STP proposed. Treated water will be used for Irrigation & Flushing purpose (through recycling) under the pipe line system.

3. STORM WATER DRAINAGE

It has been proposed to lay R.C.C pipes with required number of manholes for disposal of storm water, which will be connected to the HSVP drain. The intensity of rain fall has been taken as 6.00mm per hour. A minimum size of 400mm i/d R.C.C pipe for storm water drain will be provided and designed as per manning's formula. Necessary provision of rainwater harvesting arrangement has also been taken in this estimate.

4. ROADS

Road, Parking and Pavement have been provided to above areas and estimate is prepared as revised specifications adopted by HSVP.

5. STREET LIGHTING AND ELECTRIFICATION:-

Provision for external lighting, electrification and ESS of proposed area has been made.

6. HORTICULTURE:-

Estimate and details of plantation, landscaping, signage etc. have been included.

7. FIRE FIGHING:-

Provision of Fire Fighting system has been made.

8. SPECIFICATIONS

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

9. RATES

The estimate has been based on the present market rates.

10. <u>COST</u>

624.15

The total cost of the scheme including cost of all services works out to Rs. 430.64 Lacs (Rupees Four-Crores Thirty Lacs Sixty Four Thousand only) including 3% contingencies and 49% departmental charges + Price escalation and cost per acre comes out to Rs. 68.34 Lacs.

(Authorized Signatory)

For Conmin Infradevelopers LLP

Authorised Signatory

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1. DESIGN CALCULATION:-

Total Area of plot = 6.30 Acres Permissible Area Under Plots Proposed Area Under Plots Permissible Commercial Area @ 4%

Proposed Commercial Area **Proposed Community**

Area Of Milk and Vegetable booth

Proposed Plots

Total Plots Total Population @ 18.00 Persons/Plot L @172.50 LPCD

Commercial area

Community Center (Area 0.6491 Acre)

Milk and Vegetable booth

ESS and other unforeseen provision

Total

= 3.84378 Acres

= 3.36615 Acres = 0.25205 Acres OR (1020.00 Sqm.)

= 0.22411 Acres OR (906.94 Sqm.)

4

= 0.6491Acres 27.50 Sqm

118 Plots

I) Water Requirement :-

= 118 Plots = 2124 Persons = 366390.00 LPD = 906.945 Sqm @ 3 Sqm / person = 303 Persons @ 45 LPCD = 13635.00 LPD

= 14228.00 LPD = 4000.00 LPD

=5000.00 LPD

= 4,03,253.00 LPD Or 404 KLD Say 410 KLD

II. FIRE DEMAND

(i) **Population** (p) $\frac{1}{2}$ x 100/1000 = (2.124) $\frac{1}{2}$ x 100

(Considering 1/3 of total population) Add. @ 15 % Extra for margin factor

Total

= 2124 Persons

= 145.73/3 = 48.57 KLD

= 7.28 KLD

= 20.00 KLD

= 55.85 KLD Say = 60 KLD

III. Garden Irrigation Requirement (For Total Area)

IV. Total Water Requirement for UGT

(Excluding Fire Demand) Hence Domestic Water Requirement (67%) Hence Flushing Water Requirement (33%)

 $= 410 \times 67\%$ = 275.00 KLD $= 410 \times 33\%$ = 135.00 KLD

for Dom, WSDay Requirement considering @ 60% (275 x 60%)

= 170 K.L. for Domestic

For Plushing (FWS + 1201 gation) = 135+20= 155×601, =93 KL

But it is proposed to construct an UGT i.e. 170 K.L. in two compartment for domestic use and 90 K.L. for non potable water in two compartment (at STP) and 60 K.L. for fire fighting purposes for UGT in two compartment as shown location in the plan.

Total Capacity of UGT = 170 + 60

= 230.00 KLD

Total Requirement for Flushing and irrigation at STP (90+20)

= 110.00 KLD

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V.	Tube Well		For UGT
	 a) Yield b) Working Hour per day c) Total water demand d) Number of tube well required (Water Demand / Discharge / Hr. working Per day) 		= 15 K.L. / Hr. = 16 Hr. / Per Day = 275 M3/Day = 1.15 Nos
	e) Add 5% extra	Total Say	= 0.11 = 1.26 Nos = 1 Nos

Water to the proposed development is to be supplied by HSVP. However consider 1 Nos. T.W. to install for proposed requirement of water for augmentation / standby purposes and provision has also been taken in the estimates due to non availability of water but after getting the approval from the competent authority.

VI) Pumping Machinery for Tube wells

a)	Gross Working Head	= 80 Mtr
b)	Average fall in S.L	= 2 Mtr
c)	Depression Head	= 6 Mtr
d)	Friction loss in main	= 10 Mtr
	Total	= 98 Mtr

e) Discharge = 15000 LPH (Or 4.17 LPS Say 4.50 LPS) f) Horse Power = 9.80 H.P.

 $HP = (4.50 \times 98) / (75 \times 0.60)$

Say = 10.00 H.P.

It is proposed to provide 1 No. pumping set of 4.50 LPS discharge at 98 Mtr head (1W)

VII) Boosting Machinery for domestic water For UGT

Total Water Requirement	= 275.00 KLD	
Pumping per hour @ 8 hr. pumping / day	= 275 /8 KL / hr.	
	= 34.375 KL / hr.	
	= 572.91 lpm = 9.54 l	ps

Say 2 No. 6.00 lps each

Gross working head For UGT

- Suction lift = 5.00 mts.

- Frictional loss in mains & specials = 10.00 mts.

- Clear Head required = 30.00 mts.

Total = 45.00 mts.

Say = 45.00 mts.

Pump HP = (6.00x45)/(75x0.60)

= 6.00 H.P.Say = 7.50 HP

It is proposed to provide 3 Nos. of pumping set of 6.00 lps discharge at 45mts Head each (2W + 1S) for UGT.

VIII) Boosting Machinery for flushing water at STP

Total Water Requirement = 135 K.L.D

Pumping per hour @ 8 hr. pumping / day = 135 / 8 KL / hr.= 16.875 KL / hr.

> = 281.25 lpm = 4.69 lps, Say 2 No. 3.50 lps each

Gross working head

Suction lift = 5.00 mts.
 Frictional loss in mains & specials = 10.00 mts.

- Clear Head required = 30.00 mts. Total = 45.00 mts.

Say = 45.00 mts.Pump HP $= (3.50 \times 45) / (75 \times 0.60)$

> = 3.50 HPSay = 5.00 HP

It is proposed to provide 3 Nos of pumping set of 3.50 lps discharge at 45 mts Head each (2W + 1S)

IX) Boosting Machinery for Irrigation water

Total Water Requirement = 20 KLD

Pumping per hour @ 5 hr. pumping / day = 20/5 KL / hr.

= 4.00 KL / hr.

= 66.666 lpm = 1.1 lps

Say = 2.00 LPS

Gross working head

- Suction lift = 5.00 mts.

- Frictional loss in mains & specials = 5.00 mts.

- Clear Head required = 25.00 mts.

Total = 35.00 mts.

Say = 35.00 mts.

Pump HP = $(2.00 \times 35) / (75 \times 0.60)$

= 1.55 HP

Say =2.00 HP

It is proposed to provide 2 No. of pumping set of 2.00 lps discharge at 35 mts Head each (1W + 15)

DG Set for plumbing X)

De ser les presents	- 1107
DG Set Requirement	For UGT
Submersible Pump (1 x 10)	= 10.00 HP
Domestic Pump (2 x 7.50)	= 15.00 HP
Flushing Pump at STP (2 x 5)	= 10.00 HP
Street Light and other etc.	= 15.00 HP
Tatal numb load	= 50.00 HP

Total pump load $= 50.00 \times 0.746 \times 1.50$

= 55.95 K.W = 1 No. 63 KVA

Total DG capacity

Hence it is proposed to provide 1 No. D.G. Set of 63 KVA capacity.

FLOW TO SEWAGE TREATMENT PLANT

Total Water Requirement = (275 for domestic & 135 KLD for flushing)

= 220.00 KLD 80% of total Domestic Water Demand = 80% of 275 KLD

= 108.00 KLDii) 80% of total Flushing Water Demand =80% of 135 KLD

> = 328.00 KLD**Total**

= 16.40 KLDConsidering 5% marginal factor

> = 344.40 KLD G. Total

> > Say 350 KLD

Proposed STP Capacity = 350 KLD Or 0.35 MLD

For Conmin Infradevelopers LLP

(Authorized Signatory)

Authorized Signatory

FINAL ABSTRACT OF COST

SR.	SUB WORK	DESCRIPTION	AMOUNT	1
NO.			(Rs. In Lacs)	
			130,87]
1.	SUB WORK NO.I	WATER SUPPLY SCHEME	103.30	
			111-99	
2	SUB WORK NO. II	SEWERAGE SCHEME	84.84	
			58.13	
3	SUB WORK NO. III	STORM WATER DRAINAGE	-44.3 0	
			133:34	
4	SUB WORK NO. IV	ROAD AND FOOTPATH	71.64	
			24,17	
5	SUB WORK NO. V	STREET LIGHTING	14.51	
			6.10	
6	SUB WORK NO. VI	HORTICULTURE (PLANTATION &ROAD SIDE TREES)	-7.0 7	
			159,53	
7	SUB WORK NO. VII	MTC. OF SERVICES & RESURFACING OF ROADS (After	104.98	
		1st 5 years of 1st Phase & Next 5 years in 2nd Phase)		
			624,13	
		TOTAL	430.64	
			Say RS 6	24,15 6

TOTAL: (Rupees Four Crore Thirty Lacs Sixty Four Thousand only)

624.15

99.07

Cost Per Acre = Rs.430.64 Lacs / 6.30 = 68.35 Lacs Per Acre

SUTTIONISED SIGNATORY

For Conmin Infradevelopers LLP

Authorised Signatory

Executive Engineer HSVP Division No.V,

Gurugram 4

Superintending Engineer

WP Circle, Gurugram

Director Town & Country Planning Haryana, Chandigarh Checked subject to comments in forwarding letter No. 68060.

Dt. 28 \ 04 \ 2022...and notes

attached with the estimate

Superintending Engineer (HQ) for Chief Engineer 1 HSVP

for Chi

n.4.2021 5

SUB WORK NO. 1 (Abstract of cost)

WATER SUPPLY SCHEME

SR.	SUB WORK	DESCRIPTION	AMOUNT
NO.			(Rs. in Lacs)
			27.35
1	Sub Head No. 01	Head Works	19.35
			21,70
2	Sub Head No. 02	Pumping Machinery	18.40
			27.46
3	Sub Head No. 03	Water Supply Distribution & Rising main pipe	23.54
			6.28
4	Sub Head No. 04	External Fire Hydrants	3.57
			2.48
6	Sub Head No. 05	Irrigation	2.45
		TOTAL	-67.31 85 .27
		Add 3% contingency & P.H. Services	2.02 2. 56
		Total	69.33 8 7.8
		Add 49% Department charges + Price Escalation	33.97 475.0
		G. Total	103.30 13 0.8
		Say in Lacs 130,87 Late	103.30

(C.O. to Final Abstract Of Cost)

SUB WORK NO. I Sub Head No. 01 WATER SUPPLY Head Works

Sr.	Description	Amount in Rs.
NO.		
1	Construction of U.G. ṭanks and Fire Tank Including pipes, valve & Specials. 230 KLD @ Rs. 3500/- per K.L.D	00.000 260 0
	3,00,000 -	
2	Provision for construction of Boosting Station 1 Nos @ Rs. 250000/- each	3,00,000
3	Boring and installing tube well reverse rotary rig complete with pipes and strainer to a depth of about 120 Mtr complete in all respect. 1 Nos @ Rs. 700000/- each	700000.00
4	Provision for construction of tube well chamber size 1.50m x 1.50m complete in all respect. 1 Nos @ Rs. 80000/- each	\$0000.00
	1,00,000[
5	Provision for carriage of material and unforeseen items L.S.	50000.00
6	Provision of specials for tube well & rising main to UGT L.S.	50000.00
7.	Provision for facilities for maindevance staff	2,00,000
	Total 2735000[1935000.00
	Say in Lacs Rs 27.35 Lal	eh 19.35

SUB WORK NO. 1 Sub Head No. 02

WATER SUPPLY Pumping Machinery

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Sr. NO.	Description	Amount in Rs.
_		
1	Providing and installing Hydro pneumatic pumping set of following capacities	
	for domestic water Supply with specials	4.50,000
	6.00 lps at 45 mts head - 3 No. (2W+1SB) - @ Rs. 1,00,000/- each Set (7.50HP)	300000.00
2	Providing and installing Hydro Pneumatic pumping set of following capacities	
	for Flushing water supply & irrigation etc.	3,00,000
i	3.50 lps at 45 mts head - 3 No. (2W+1SB) @ Rs. 70,000/- 1 Set (5HP each)	210000.00
ii	2.00 lps at 35 mts head - 2 No. (1W+1SB) @ Rs. 30,000/- 1 Set (2HP each)	69000.00
3	Providing and installing Submersible pump for tube wells with specials	2,00,000/
	4.50 lps at 98 mts head - 1 Nos (1W) @ Rs. 1,20,000/- 1 Set (10HP each)	120000.00
4	Provision for ESS (Electric Panel Foundation) L.S.	59999:00
5	Provision for D.G. Set for stand by arrangement for all machinery	700000.00
	= 1 No. 63 KVA @ Rs. 7,00,000/- each	700000.00
_	Provision for making foundations & erection of pumping machinery	50000.00
7	Provision for pipes, valve & specials inside boosting chamber	150000.00
	Provision for electric services connection including electric fittings for boosting	150000.00
	chambers and pump chamber etc.	1,00,000
9	Provision for carriage of materials and other unforeseen items L.S.	50000.00
	Total 21,70,000	-1840000.00
	Say in Lacs RS 21,70 Latch.	18.40

SUB WORK NO. 1 Sub Head No. 03

WATER SUPPLY Water Supply Distribution & Rising Main Pipe

Sr.	Description	Amount in Rs.
1	Providing, laying, jointing & testing pipe lines including cost of excavation etc. complete in all respects (345)	1, 3, 5 - 1
i)	100mm dia D.I. Pipe 1542 Mtr @ Rs. 1990/- Per Mtr	1681254 1542000.00
ii)	150mm i/d D.I. Pipes -212 Mtr @ Rs. 1200/- Per Mtr	254400.00 3 3
iii)	200mm i/d D.I. Pipes 30 Mtr @ Rs. 1500/- per mtr	45000.00 6 9
2	Providing and fixing sluice valve including cost of surface box and masonry	
	chamber etc. complete in all respect	2,40,000
	a) 100mm i/d 20 No. @ Rs. 7500/- each	150000.00
	b) 150mm i/d 10 No. @ Rs. 1000 0/- each	100000,00
	c) 200mm i/d 2 No. @ Rs. 15000/- éach	30000.00
3	Providing and fixing indicating plates for sluice valve 32 No. @ Rs. 1000/-	32000.00
4	Provision for carriage of materials and other unforeseen items LS	50000.00
5	Provision for making connection with HUDA Pipe & T.W's etc.	100000.00
6	Provision for cutting the road and making good the same	50000.00
	Takal	2746150
	Total	2353400.00
	Say in Lacs	23.54 27

SUB WORK NO. 01

WATER SUPPLY

SUB HEAD NO. 04

EXTERNAL FIRE HYDRANTS

Sr.	Description .	Amount in Rs.
1	Providing, Laying, jointing and testing Heavy Class M.S. Pipes for fire rising main	
	including cost of fittings, valves, connection etc. complete in all respect	
	1250	230,600
a)	100mm dia - 184 M @ Rs. 890/- Per Mtr	147200.00
	15000]-	
2	Providing and fixing fire Hydrant with accessories 23 No. @ Rs. 7000/- each	161000.00 345060
3	Providing and fixing indicating plate -23 No. @ Rs. 1000/- each	23000.00
	F1	30,000
4	Provision for carriage of material L.S.	25000 .00
	Total 62.8000	356200.00
	Say In Lacs	16h 3.57

SUB WORK NO. 01

WATER SUPPLY

SUB HEAD NO. 05

IRRIGATION

Sr. NO.	Description	Amount in Rs.
1	Providing, Laying, jointing and testing UPVC pipe lines suitable for 6 kg pressure	
	including cost of fittings, valves, connection etc. complete in all respect	
	300 -	60,000
a)	25mm dia - 200 M @ Rs. 500/- Per Mtr	100000.00
2	Providing and fixing 25mm dia, Irrigation hydrant valve complete in all respect 25 Nos @ Rs. 3000 each	75000.00 87 5 00
3	Provision for carriage of materials and other unforeseen items L.S.	20000.00
		30,000
4	Provision for indicating plate with safety box etc. complet in all respect 25 Nos @ Rs. 1000/- each	25000.00 2 5000
(5)	Provision frair values & scour values complete is	10,000
5	Provision for road cutting and making it condition as original L.S.	25000.00
	Total	245000.00 24
	Say in Lacs RS 2, 48 Lalch	2.45

SUB WORK NO. II

SEWERAGE SCHEME

Sr.	Description	Amount in Rs.
_		
1	Providing, jointing, cutting and testing stoneware pipe grade A and lowering	
	into trenches including cost of excavation, bed concrete, cost of manholes etc.	
	complete	69625
	a) SW Pipe 200mm i/d avg. depths 0 - 2.00M 557 M @ Rs. 1000/- per Mtr	557000.00
	b) SW Pipe 250mm i/d avg depth 2.00 M 45 M @ Rs. 1200/- per Mtr	54000.00 6
	c) SW Pipe 300mm i/d avg depth 2.75 M 75M @ Rs. 1400/- per Mtr	105000.00 1
	d) SW Pipe 400mm i/d avg depth 3.50 M 35M @ Rs. 1600/- per Mtr	56000.00 %
	Providing, laying, jointing & testing pipe lines including cost of excavation etc.	
2	complete in all respect - 150mm dia Heavy Class DI pipes (overfow for STP)	
	1575/-	33075
	a) 150MM i/d D.I. Pipe - 210 M @ Rs. 1500/- Per Mtr	315000:0 0
3 4	Provision of lighting and watching etc.	50000.00
6	Provision for timberine & shooting esc L.s	50,000
4	Provision for cartage of material	20000.00 <
		2,0000
5	Provision for making connection with HSVP	150000.00
6	Provision for construction of Sewerage Treatment Plant (STP) including the cost	4221000.00
1	of tertiary treatment level with recycling storage tank and machinery with all	56,00,00
	arrangement etc. complete in all respect. 350 KLD or	
	(0.35 MLD) Capacity L.S. @ Rg 16000 KLD	
	72972501	5 52 8000.00
	Add 3% contingency & P.H. Services 218918	1 6584 0
	Total 75161681-	5693840
	Add 49% Department charges + Price Escalation 36 82 922	2789982
	G. Total 111 99 0 9 0/	8483822
	Say in Lacs 111,99 Lal	Ch 84.84

(C.O. to Final Abstract of Cost)

SUB WORK NO. III

STORM WATER DRAINAGE SCHEME

Sr.	Description	Amount in Rs.
1	Providing, lowering, laying, jointing RCC pipe class Np3 with cement joint,	1637560
	a) RCC Np3 pipe 400mm i/d = 655 M @ Rs. 1200/- Per Mtr	786000.00
	b) RCC Np3 pipe 450mm i/d = 00 M @ Rs. 1400/- Per Mtr	0.00
2	Provision for Rain Water Harvesting arrangement including the cost of screening chamber and pit with all type of pipes and other material etc. complete in all respect as per standard drawing and bore upto requirement of site etc. 6 Nos RWH @ Rs.2,50,000/- each	1500000.00
3	Provision for road gulley & pipe with connection	350000.00
4	Provision for lighting and watching L.5	50000.00
5	Provision for timbering and shoring L.5	<u>50,000</u> 20000.00
6	Provision for cartage of material L. S	<u>50,000</u> 30000.00
7	Provision for making connection with HSVP storm water drain	150000.00
	Total 3787 500 -	2886000.00
	Add 3% contingency & P.H. Services 113 625 —	86580.00
	Total 39011251-	2972580. 00
	Add 49% Department charges + Price Escalation (9)15511	1456564.20
	G. Total 58126761-	4429144.20
	Say in Lacs Ry 58.13 Lauch	44.30

(C.O. to Final Abstract of Cost)

Sub Work No. IV

ROAD AND FOOTPATH

S. No.	Description	Unit	Qty	Rate (In Rs.)	Amount (In Rs.)
1	Provision for leveling & earth filling as per site conditions	Per Acre	6.30	250000 S0,600 -	1575300 945000
2	i) Providing and laying 100mm thick PCC under pavement, cement concrete of specified grade 1:4:8 and 150mm thick RMC grade M-40 ii) Providing and laying Bituminous road (250mm GSB, 300mm WMM, 50mm DBM, 40mm BC).	Sqm	42 00 4050	- (260) - 450	S 0, 4 0,00 1822500
3	Provision for kerbs & channels of C.C. 1.2:4	Metre	1460	600 - 500	37600
4	Provision for arrangement of guide map and indicating board etc.	LS			1,00,00 5000
5.	Provision for traffic light Cor	and it	\$		1,60,00
6	Provision for footpath with 100mm thick PCC under pavement cement concrete of specified grade 1:4:8 and 150mm thick RMC Grade M-40 or Bituminous road with 250mm GSB, 300mm WMM, 50mm thick DBM & 40mm thick BC etc. as per requirement of site for surface car parking and approach to Tower / Blocke etc. complete in all respect	Sqm	1770 _880	7 50 -	\ 327560 449990
8 5	Provision for carriage of material	LS LS			2,00,000 100,000 50000
	Sub Total		8688	500 -	4667800
	Add 3% contingencies & PH Services		260	655/-	140034
	Sub Total		8949	1251-	4807834
	Add 49% Departmental Charges + Price Escalation		438	50861-	2 355839
	Total		13334	12 41 -	7163673
	Say Rs. In Lacs	133,3	4 Lale	ch.	71.64

(C.O. to Final Abstract of cost)

Sub Work No. V

STREET LIGHTING

S. No.	Description .	Unit	Qty	Rate (In Rs.)	Amount (In Rs.)
1	Provision for Street Lighting at surrounding area as per standard specifications of HVPN etc. complete	Acre	6.30	150000 2,50,000	945 180 - 1575000
	Add 3% contingencies & PH Services				-28355 47250
	Total				- 97353 5 1622256
2	Add 49% Departmental Charges + Price Escalation				4 77032 794903/
	Total				1450568 2417153
	Say Rs. In Lacs	Rs	14.51 24,17 L		

(C.O. to Final Abstract of cost)

Sub Work No. VI

HORTICULTURE

. No.	Description	Unit	Qty	Rate (In Rs.)	Amount (In Rs.)	
1	Development of Lawn Areas		1	(m noi)	(117 1132)	-
a.	Trenching of ordinary soil upto depth of 60 cm i/c removal & stacking of serviceable material &					1
	disposing by spreading and levelling within a lead of 50 M and making up the trench area for proper levels by filling with earth or earth mixed with manure before and after flooding trench with water i/c cost of imported earth and manure with all fitting and valve etc. complete			-4		
b.	Rough dressing of turfed area					
С	Grassing with "Cynadon dactylon" i/c watering		-			-
Ü	and maintenance of lawns for 30 days till the					
	grass forms a thick lawn, free from weeds and fit					
	for moving in row 7.5 cm part in eighter direction					
				150,000	72000	_
d	organized green 1925.215 Sqm Or 0.48 Acres (As per detail given in green park area calculation)	Acre	0.48	250000	120000	
2	Providing and planting trees along boundary @ 6 m interval (Length appx 1460M) = 1460/6 = 244 Nos				0	
	Say No. of trees = 250 Nos Cost details: Excavation = Rs. 73-60					
	Manure = Rs. 550 90 Tree Plant = Rs. 650					
	Total Rs. = Rs. 1350-1360 -		250	1300	325000	1_
		Each	252	1350_	340200	
	Total				460200 3	170
	Add 3% contingencies & PH Services					910
	Total				474006 40	
	Add 49% Departmental Charges + Price				-232263 ₂₀	
	Escalation					
	Total	·			706269 60	92
	Say Rs. In Lacs		RS 6.10	Latch	7.07	_

(C.O. to Final abstract of cost)

Sub Work No. VII

Mtc. Of services & Resurfacing of Road

S. No.	Description	Unit	Qty	Rate	Amount
			-	(In Rs.)	(In Rs.)
1	Mtc. Of water supply, sewer, storm water drain, roads, street light, hort. Etc. for period of 10 years including operation charges full establishment etc. complete in all respects 5.0255 acres @ Rs. 1.50 lacs per acre 6.30	Acre	6·30 6.3012	7 50,000 250000	/- 47250c 1575300
2	Provision for resurfacing of roads after 5 years of 1st phase with provision of 50mm thiCK BM including leveling coarse and 25mm BE as per crust design whichever is safer	sqm	4200 4050	600) . 700	- 25 20,00 2835000
3	2nd phase after next five years of 1st phase (50mm DBM & 25mm BC or as per crust design whichever is safer	Sqm	4200 4050	755 600	31,55,00 € 2430060
	Sub Total			103950	6840300
	Add 3% contingencies & PH Services			31185	205209
	Sub Total			1070685	7045509
	Add 49% Departmental Charges			524635	7 -3452299
	Total		0	1595320	7/10497808
	Say Rs. In Lacs		K8	159,53	104.98 Lau

(C.O. to Final abstract of cost)

SUMMARY OF DESIGN REQUIREMENT

S. No.	Description	Qty	Unit
1	Total Population	2124	Persons
2	Total Water Requirement (Domestic)	275	KLD
3	Total Water Requirement (Flushing)	135	KLD
4	Total Water Requirement (Horticulture)	20	KLD
5	U. G Tank (Domestic - 170 KLD)	1	No.
6	U.G.T Fire Tank 60 KLD	1	No.
7	No. of Domestic WS pumps UGT	2+1	Set
8	No. of Flushing pumps	2+1	No.
9	No. of submersible pumps	1	No.
10	Generating sets (63 KVA)	1	63 KVA
11	STP (350 KLD)	1	No.

TOTAL MATERIAL STATEMENT FOR WATER SUPPLY i.e. DOMESTIC, FLUSHING & RISING MAIN ETC.

22-

S. No.	Description	Size of pipe upto valve in 80mm	Size of pipe upto valve in 100mm	Size of pipe upto valve in 150mm	Size of pipe upto valve in 200mm
1	Domestic	-	535 M	117 M	30 M
2	Flushing	-	580 M	95 M	-
3	Rising Main	-	4 30° M	•	-
	Total	-	1545 M (345	212 M	30 M

MATERIAL STATEMENT (DOMESTIC WATER SUPPLY)

S. No.	Line Designation		- 1		L	ength in N	ngth in Mtr	
	From	То			200MM	150MM	100MM	
1	UGT	Α	200	30	30			
2	Α	В	150	72		72		
3	В	С	150	45		45		
4	. С	D	100	140			140	
5	Α	A1	100	50			50	
6	Α	A2	100	20			20	
7	Α	A3	100	55			55	
8	В	B1	100	160			160	
9	С	C1	100	110			110	
		TOTAL		682	30	117	535	

200mm i/d Pipe Length	30 Mtr
150mm i/d Pipe Length	117 Mtr
100mm i/d Pipe Length	535 Mtr
Total	682 Mtr



MATERIAL STATEMENT (FLUSHING WATER SUPPLY)

S. No.	Line Designation		Line Designation Size of Pipe Provided		Length in Mtr		
	From	То			150MM	100MM	
1	STP	a	150	20	20		
2	а	b	150	75	75		
3	b	С	100	45		45	
4	С	d	100	140		140	
5	a	a1	100	50		50	
6	a	a2	100	20		20	
7	a	a3	100	55		55	
8	b	b1	100	160		160	
9	С	c1	100	110		110	
	Total			675	95	580	

150mm i/d Pipe Length 100mm i/d Pipe Length 95 Mtr 580 Mtr

MATERIAL STATEMENT FOR BOREWELL RISING MAINS AND HUDA MAIN

S. No.	Name of Line			S. No. Name of Line Size of Pipe Provided		Size of Pipe Provided	Length of Pipe (Mtr)	Length	n in Mtr
	From	То			100mm	150mm			
1	T.W.	UGT	100	20	20	-			
2	Govt. Line	UGT	100	210	210	0			
	Total			230	230	0			

MATERIAL STATEMENT FOR SEWERAGE SCHEME

S. No.	Line	No.	Length (In Mtr)	Pipe Dia	Av. Depth	Length in Mtr			
						200mm i/d	250mm i/d	300mm i/d	400mm i/d
	From	То				0 to 2.00	0 to 2.50	0 to 2.75	0 to 3.00
						Mtr	Mtr	Mtr	Mtr
1	Α	В	142	200	1.74	142	-	-1	-
2	B1	В	110	200	1.39	110	-	-	-
3	В	С	45	250	2.03	0	45	-	-
4	C1	С	155	200	1.35	155	-	-	-
5	С	D	75	300	2.13	0.	-	75	-
6	D3	D	20	200	1.32	20	-	-	-
7	D2	D	50	200	1.41	50	-	-	-
8	D1	D	80	200	1.43	80	-	-	-
9	D	STP	35	400	2.30	0	-	-	35
10	STP - HUDA / Sewer By Pumping 150mm i/d D.I. Pi				D.I. Pipe =	-	-	-	
	210 Mtr								
	Total		712			557	45	75	35

200mm i/d Pipe Length 557 Mtr 250mm i/d Pipe Length 45 Mtr 300mm i/d Pipe Length 75 Mtr 400mm i/d Pipe Length 35 Mtr 150mm i/d D.I. Pipe (By Pumping) = 210Mtr



MATERIAL STATEMENT OF STORM WATER DRAINAGE SCHEME

Sr. No.	Line Re	ference	400mm i/d RCC Np3 Pipe Length in Mtr	450mm i/d RCC Np3 Pipe Length in Mt
	From	То		
1	Α	В	120	-
2	B1	В	95	-
3	В	С	40	-
4	C1	С	140	-
5.	С	D	75	-
6	D1	D	35	_
7	D	Govt. SWD	150	-
	Total Length		655	0

i) Total Length 400mm i/d RCC Np3 pipe = 655 Mtr

Total Rain Water Harvesting (RWH) = 6 Nos



Material Statement of Road Works

Sr. No.	Road No.	Road Width	Length	Width	Area	
1	1	9.00	46.00	5.50	253.00	Sqm
2	2	9.00	82.00	5.50	451.00	Sqm
3	3	9.00	190.00	5.50	1045.00	Sqm
4	4	9.00	155.00	5.50	852.50	Sqm
5	5	9.00	110.00	5.50	605.00	
6	6	9.00	92.00	5.50	506.00	
7	7	24.00	20.00	2 × 7.00	140.00	
					280.4	-
	G. Total				3852.50	Sqm
		Add 5% extra fo	r curves	.,,	192.63	Sqm
		Total			4045.13	Sqm
				Say	4050	Sqm

i) Kerbs & Channels

9.00 Mtr wide road (2 x 675) i)

1350 Mtr

ii)

24.00 Mtr wide Road (2 x 20) (PART)

40 Mtr 1390 Mtr

Add 5% for curves

70 Mtr

G. Total

Total

1460 Mtr

II) Footpath :-

(i) 9M wide road = 675 M x 1.20M $\times 2 = 810.00$ Sqm

1620 Sqm.

4200

(ii) 24.00 M wide road (Part) = 20M x 1 x 1 50M = 24.00 Sqm 6 0 3 Pu

168039m

Total

= 834.00 Sqm

Add 5% for curves

= 41.70 Sqm = 875.70 Sqm 84 59m

Total

Say 880 Sqm

Sag 1770 Sqm.

MATERIAL STATEMENT (FIRE HYDRANT)

- i) Length of Water Supply (Domestic) = 682 Mtr
- ii) Length of 100mm i/d F.H. = 23 X 8 = 184 Mtr
- iii) Nos of F.H. = 23 Nos

Note : Fire Hydrant considering @ 30Mtr /each in Domestic Water Supply line = 682 / 30 = 23 Nos

SUBHEAD: IRRIGATION WATER SUPPLY SCHEME - DESIGN CALCULATION (HORTICULTURE)

HYDRAULIC STATEMENT OF IRRIGATION WATER SUPPLY

25	25.00	- 25.0	- 25.0

25 Nos connections are to be done from flushing water supply line i.e. 25 Nos x 8 Mtr/each =200 Mtr for 25mm i/d

Note :-

OD-78 GIIRIGRAM 6.30. . ACRES AFFORDABLE RESIDENTIAL PLOTTED COLONY IN SECTOR-78, GURUGRAM

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HYDRAULIC STATEMENT OF WATER SUPPLY (DOMESTIC)

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SUBHEAD: DOMESTIC WATER SUPPLY SCHEME - DESIGN CALCULATION

Formation Level at Water Works i.e. UGT Boosting Head = 45.00 M Hydraulic Head = 282.70 M = 237.70 M Remarks 22 Terminal Head (M) 45.19 43.42 44.39 43.82 45.08 45.04 21 Lower end (M) 282.62 Available 282.28 282.19 Head at 282.64 281.77 282.59 282.58 281.32 281.86 20 Size of Total Length Loss of Formation the pipe Friction in (M) Head in tevel at in (mm) Loss in (M) Line Lower End (M) 237.40 237.65 237.70 237.80 237.90 237.95 237.50 237.90 237.60 19 0.42 0.05 0.02 96'0 0.36 0.09 0.33 18 90.0 140 20 20 110 22 45 17 8 0.003 0.001 9000 0.003 0.002 0.001 0.001 0.005 0.002 16 100 100 100 100 100 150 100 200 150 13 Velocity (m/s) 0.16 0.16 0.16 0.54 0.38 0.39 0.39 0.40 0.62 14 Total Water Water Peak
Requirement Requirement Flow in in LPD @ 67% of LPH 101317 20759 46199 7021 3345 2169 36340 25440 88779 13 @ 67% of total water requirement 123200 55359 18723 270180 236750 20696 67841 8921 5785 12 144638 183880 13315 101255 353358 27945 403253 82625 8635 11 Other Water Requirement building / Milk i.e. Comm. / booth/ other Community services 14228 th LPD 10000 36863 24228 5000 4000 8635 2000 ដ 0 Requirement @ 172.50 LPCD 130410 329130 173880 77625 27945 96255 Water 9315 366390 0 6 Population @ 18.00 Person per 1008 2124 756 1908 plot 00 450 162 54 0 558 Self Branch Total 118 106 29 25 0 42 31 6 Residential Plots 118 0 0 0 99 0 0 0 9 86 0 25 42 31 ı, 0 0 00 6 m Type of Colony Plotted --op----op---- op----op---- op----op----op----op--4 Resi. Line Reference A2 A3 ರ ۵ A1 B1 ۵ ۷ ں m From UGT ۷ 8 u 00 U ⋖ 7 ۷

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6.30 ACRES AFFORDABLE RESIDENTIAL PLOTTED COLONY IN SECTOR-78, GURUGRAM

SUBHEAD: FLUSHING WATER SUPPLY SCHEME - DESIGN CALCULATION HYDRAULIC STATEMENT OF WATER SUPPLY (FLUSHING) RECYCLING OF TREATED SEWAGE WATER

1																1
	Remarks		22	Formation Level at STP = 237.70 M Boosting Head = 45.00 M	Flushing Hydraulic Head at STP = 282.70 M					8.						
	Terminal Head (M)		21	45.04	44.79	44.55	44.12	45.19	44.97	45.08	44.27	44.23				
	Available Terminal Head at Lower end (M)		20	282.64	282.49	282.35	282.07	282.59	282.62	282.58	282.17	282.13				
	Length Loss of Formation in (M) Head in Level at Line Lower End (M)		19	237.60	237.70	237.80	237.95	237.40	237.65	237.50	237.90	237.90				
	Loss of Head in Line (M)		18	90.0	0.15	0.14	0.28	0,05	0.02	90.0	0.32	0.22				
	in (M) I		17	20	75	45	140	20	20	55	160	110				
			16	0.003	0.002	0.003	0.002	0.001	0.001	0.001	0.002	0.002				
	Size of Total the pipe Friction in (mm) Loss in M/M		15	150	150	100	100	100	100	100	100	100				
	(m/s)		14	0.43	0.38	0.39	0.27	0.16	0.16	0.16	0.31	0.27				
	Peak Flow in LPH		13	49902	43728	22755	10225	3458	1648	1069	17899	12530				
	Water Requirement @ 33% of total water requirement		12	133073	116608	60680	27266	9222	4394	2850	47731	33414				
	Total Water Requirement in LPD		11	403253	353358	183880	82625	27945	13315	8635	144638	101255				
	Water Other Water Total Water Requirement Requirement (@ 172.50 i.e. in LPD LPCD Commercial, Commercial, Centre / booth/other in LPD		10	36863	24228	10000	2000	0	4000	8635	14228	5000				
	Water Requirement @ 172.50 LPCD		6	366390	329130	173880	77625	27945	9315	0	130410	96255				
	Population @ 18.00 Person per flat		00	2124	1908	1008	450	162	54	0	756	558				
		Total	7	118	106	56	25	6	m	0	42	31				
	Residential Plots	Branch Total	9	118	98	26	0	0	0	0	О	0				
	Res	Self	ıs	0	∞	0	25	6	3	0	42	31			_	
	Type of Colony		4	Plotted Resi.	ap	-op-	-op	op	op	-ор	op	-op				
	ference	2	m	ra	٩	U	ъ	a1	a2	a3	p1	ŋ			_	-
	Line Reference	From	2	STP	В	q	Ų	ro	m	n	Р	U				
	· 6	1	lπ	l _{et}	l٨	m	4	140	y	~	œ	6			1	1

M/S CONMIN INFRA DEVELOPERS LLP

6.30. ACRES AFFORDABLE RESIDENTIAL PLOTTED COLONY IN SECTOR-78, GURUGRAM

DESIGN STATEMENT OF SEWERAGE SCHEME

		-	-	_	_	-71	_	1	_	_	-	_				7	-	-1	_
			Average	28	1.74		1.39	2.03		1.44	2.13		1.22		1.41	2 63	1.33	2.30	2.40
	Depth	- 1	_1	22	1.98		1.58	2.05		1.68	2.17		1.23		1.62	1 05	0 1	7.38	2,30
			Start	56	1.50		1.20	2.01		1.20	2.08		1.20		1.20	1 20	200	77.7	2.50
	Level	1	Dua	52	235.82	235.79	236.22	235,65	235.62	236.02	235,43	235.38	236.37		235.98	235.95	200	792.57	234.70
	Invert Level	1	Statt	24	236.45		236.70	235.79		236.70	235.62		236.45		236.20	736 30	200 300	223.38	237.00 235.20
	n Level	3	2 3	23	237.80		237.80	237.70		237.70	237.60		237.60		237.60	237.60	02 760	27.767	237.00
	Formation Level	Charle	Juni C	-	237.95	-	237.90	237.80		237.90	237.70		237,65	-	237.40	237.50	-	737.300	237.70
		E G		\rightarrow	237.65	+	237.65	237.25		237.25	237.25		237.25	+	237.25	237.25	+	+	236.40
	Ground Level	Chart	100	-	237.70	+	237.70	237.65		237.65	237.25		237.40		237.10	237.20	227.25	3	237.60
NO	Fall + Extra Fall in line due to slope (m)		10	FI	C.63	0,0	0.48	0.14		89.0	0.19		0.08		0.22	0.35	90.0		0.50
CHIATI	in Mtr E	İ	10	140	747		110	45	1	155	75	İ	50	1	2	80	35		210
SUBHEAD: SEWERAGE SCHEME - DESIGN CALCULATION	Carrying capacity of pipe (m/sec)	m3 /sec	17	2700	0.012	.,,	0.012	0.19		0.012	0.027		0.012	0	0.012	0.012	0.049		
HEME - D	Velocity (m/sec)		16	22.0	9.70	25.0	0/5	0.76		92.0	92.0		9/:0	25.0	0.70	0.76	0.76	T	
RAGE SCH	Gradient Velocity in [m] (m/sec)		12	225	577	235	677	305		225	385	100	577	300	677	225	570)000
: SEWEI	Size of pipe in (mm)	Ī	14	200	0	200	200	250	1	700	300	000	908	200	3	200	400		
UBHEAD	Sewerage Size o Discharge pipe i Peak Flow (mm) (m3/sec)		13	0.0022	77000	0.000	0.000	0.0051	0,000	0.0040	0.0097	2000	0.000	40000	0000	0.0002	0.0112		
ω,	tity oratio ess @ In		21	66100		81004	10070	147104	447740	01/511	282686	10000	70007	22356	25.55	8069	322602		
	er ireent		11	82625		101255		183880	00000	744020	353358	13315	CTCCT	27945	2	8635	403253		m STP)
	© 18.00 Requireme Requirement watter estable Requirement Interest of the community LPD building / milk booth and other services		10	2000	_	2000	+	00001	14230	+	24228	0007	2	c		8635	36863		150 mm i/d D.I. Pipe (By pumping from STP)
	еше		6	77625		96255	000007.	1/3880	130/10	011001	329130	9315	9	27945		0	366390		D.J. Pipe (
	Population Water @ 18.00 Requir Person per nt @ plot 172.50		00	450		558	9000	7000	756	2007	1308	54	;	162		0	2124		150 mm i/c
		Total	7	52		31	u u	8	42	2 0	e e	m		an	c		118		
	Residential Plots	Branch Total	9	o		0	25	R	0	000	20	c		0	c	,	118		
	Resid	Self	'n	25		31	c)	42	! 0	a	m		6	c	>	0		
	Type of Colony		4	Plotted	Resi.	op	100	3	op	de		op		-op-	1000		op		
	Line Reference	To	m	8		В	C	J	L		2	۵		۵	6	2	STP	Govt.	Sewer Line
	Line R	From	7	A		81	~	3	13		ر	D3		D2	10	3	۵		S.T.P
ľ	o, Š		-		1	7	m		4	ď	,	9		7	00	1	o	10	

DESIGN CALCULATION OF STORM WATER DRAINAGE SCHEME INTENCITY OF RAIN FALL = 0.006 MTR /HR IMPERMEABILITY FACTOR = 0.6

6.3G ACRES AFFORDABLE RESIDENTIAL PLOTTED COLONY IN SECTOR-78, GURUGRAM

		_						-	-	7	_	
Remarks		56	RWH-1		RWH-2	RWH-3 RWH-3	RWH-5		RWH-6			
Average Depth		25	2.03	1.24	2.05	1.23	2.05	1.33	1.89			
f M.H's	End	24	2.06	1.27	2.03	1.25	2.06	1.46	1.72			
Depth of M.H's	Start	23	2.00	1.20	2.06	1.20	2.03	1.20	2.06			
evel	End	22	235.74	236.53	235.67	236.45	235.54	236.14	235.28			
Invert Level	Start	2.1	237.95	236.70	235.74	236.70	235.67	236.20	235.54			
Level	End	20	237.80	237.80	237.70	237.70	237.60	237.60	237.00			
Formation Level	Start	19	237.95	237.90	237.80	237.90	237.70	237.40	237.60			
	End	18	237.65	237.65	237.25	237.25	237.25	237.25	236.40			
Ground Level	Start	17	237.70	237.70	237.65	237.65	237.25	237.10	237.25			
Fall + Extra Fall	IN Mtr	16	0.21	0.17	0.07	0.25	0.13	90.0	0.26			
	IN LPS 1	15	98.57	98.57	98.57	98.57	98.57	98.57	98.57			
Velocity Cap. Of drain	IN m/sec	14	92.0	92.0	0.76	92.0	0.76	92.0	97.0			
Slope	In Mtr	13	570	570	570	570	570	570	570			
Pipe dia	tn mm	12	400	400	400	400	400	400	400			
Length	In Mtr	11	120	95	40	140	7.5	35	150			
Discharge @ 17.36 LPS/ Hector	IN LPS	10	8.85	7.99	19.10	13.71	38.37	3.82	44.27			
Rain fall	mm/hr.	6	6.00	6.00	6.00	6.00	9.00	6.00	6.00			
Total Area	In	00	0.51	0.46	1.10	0.79	2.21	0.22	2.55			
_	nl arra	-	1.27	1.14	2.71	1.96	5.47	0.54	6.31			
Branch Total Area Area	In Acre	9	0	0	2.41	Q	4.67	0	6.01			
Area (Self)	In Acre	r2	1.27	1.14	0.30	1.96	08.0	0.54	0:30			
Area (Self)	IN SQM	4	5120	4610	1200	7946	3250	2170	1200			
Node	ъ	8	8	8	U	U	۵	٥	Govt. SWD			
Name of Node	From	2	⋖	B1	В	IJ	U	D1	D			
vi ė		F	14	7	m	4	ın	9	7	Ť		

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

Licence	No.	18	of	2022

This license is being granted under the Haryana Development and Regulation of Urban Areas Act 1975 & the Rules 1976 made there under to Conmin Infra Developers LLP., House No. H-38, Ground Floor, M2K, White House, Sector-57, Gurugram for setting up of Affordable Plotted Colony under DDJAY over an area measuring 6.30 acres in the revenue estate of village Shikohpur & Naurangpur, Sector-78, Gurugram.

- 1. The particulars of the land, wherein the aforesaid Affordable Plotted Colony is to be set up, are given in the schedule of land annexed hereto and duly signed by the Director, Town & Country Planning, Haryana.
- 2. The Licence is granted subject to the following conditions:-
- i. That the Affordable Residential Plotted Colony will be laid out in confirmation to the approved layout/building plan and development works will be executed in accordance to the designs and specifications shown in the approved plans.
- ii. That licencee shall abide by the Deen Dayal Jan Awas Yojna policy dated 08.02.2016, subsequent amendments from time to time and other direction given by the Director from time to time to execute the project.
- iii. That the conditions of the agreements already executed are duly fulfilled and the provisions of Haryana Development and Regulation of Urban Areas Act, 1975 and the Rules 1976 made there under are duly complied with.
- iv. That licencee shall pay State Infrastructure Development Charges amounting to ₹ 1,37,67,894/-@₹1000/- per sq. mtr for the commercial area, and ₹500/- for plotted area in two equal instalments. First Instalments will be due within 60 days of grant of license and second Instalments within six months of grant of license failing which interest @18% per annum will be liable to be paid for the delayed period.
- That licencee shall maintain and upkeep of all roads, open spaces, public park 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 Govt. 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.

vi. That licencee shall construct 18/24/30 m wide internal circulation road forming part of licenced area at your own costs and transfer the same free of cost to the Government.

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

viii. That the services with Haryana Shehari Vikas Pradhikaran services shall be integrated as and when made available.

vi.

Drawter

Town & Constry Planning

Anytes, Classificativii.

- ix. That the licencee shall transfer 10% area of the licensed colony free of cost to the Government for provision of community facilities. This will give flexibility to the Director to work out the requirement of community infrastructure at sector level and accordingly make provisions. The said area has been earmarked on the enclosed layout plan.
- x. That the development/construction cost of 24 m/18 m major internal roads is not included in the EDC rates and licencee shall pay the proportionate cost for acquisition of land, if any, alongwith the construction cost of 24 m/18 m wide major internal roads as and when finalized and demanded by the Department.
- xi. That NOC/Clearance as per provisions of notification dated 14.09.2006, issued by Ministry of Environment & Forest, Govt. of India shall be obtained, if applicable before execution of development works at site.
- xii. That the licencee shall make arrangements for water supply, sewerage, drainage etc to the satisfaction of DTCP till these services are made available from External Infrastructure to be laid by Haryana Shahari Vikas Pradhikaran.
- xiii. That clearance from competent authority, if required under Punjab Land Preservation Act, 1900 or under any other law shall be obtained.
- xiv. That the rain water harvesting system shall be provided as per Central Ground Water Authority Norms/Haryana Govt. notification as applicable.
- xv. That only LED fitting shall be used for internal lighting as well as campus lighting.

- xvi. That 'Ultimate Power Load Requirement' of the project shall be conveyed to the concerned power utility, with a copy to the Director, within two months period from the date of grant of license to enable provision of site in licensed land for Transformers/Switching Stations/Electric Sub Stations as per the norms prescribed by the power utility in the zoning plan of the project.
- xvii. That it will be made clear at the time of booking of plots/commercial space that specified rates include or do not include EDC. In case of not inclusion of EDC in the booking rates, then it may be specified that same are to be charged separately as per rate fixed by the Govt. You shall also provide detail of calculation of EDC per Sqm/per Sft to the allottees while raising such demand from the plot owners.
- xviii. That pace of development shall be kept at-least in accordance with sale agreement executed with the buyers of the plots as and when scheme is launched.
- xix. That the licencee shall arrange power connection from UHBVNL/DHBVNL for electrification of the colony and shall install the electricity distribution infrastructure as per the peak load requirement of the colony for which licencee shall get the electrical (distribution) service plan/estimates approved from the agency responsible for installation of external electric services i.e. UHBVNL/DHBVNL and complete the same before obtaining completion certificate for the colony.
- xx. That project shall be completed within seven years (5+2 years) from date of grant of license as per clause 1(ii) of the policy notified on 01.04.2016.
- xxi. That no clubbing of residential plots for approval of integrated zoning plan of two adjoining plots under same ownership shall be permitted.

- xxii. That the labour cess shall be paid as per policy instructions issued by Haryana Government vide Memo No. Misc. 2057-5/25/2008/2TCP dated 25.02.2010.
- xxiii. That the licencee shall submit compliance of Rule 24, 26, 27 & 28 of Rules 1976 & Section 5 of Haryana Development and Regulation of Urban Areas Act, 1975, and shall inform account number and full particulars of the scheduled bank wherein licensee have to deposit seventy percentum of the amount received from the plot holders for meeting the cost of Internal Development Works in the colony.
- xxiv. That the licencee shall execute the development works as per Environmental Clearance and comply with the provisions of Environment Protection Act, 1986, Air (Prevention and Control of Pollution of Act, 1981) and Water (Prevention and Control of Pollution of 1974). In case of any violation of the provisions of said statutes, you shall be liable for penal action by Haryana State Pollution Control Board or any other Authority Administering the said Acts.
- xxv. That the provisions of the Real Estate (Regulations and Development) Act, 2016 and Rules framed there under shall be followed by the licencee in letter and spirit.
- 3. That the 50% saleable area, earmarked in the approved layout plan and freezed as per clause 5(i) of DDJAY policy shall be allowed to sell only after completion of all Internal Development Works in the colony

4. The licence is valid up to 10 0 3 2027.

(K. Makrand Pandurang, IAS)

Director,

Town & Country Planning

Haryana, Chandigarh

Place: Chandigarh
Dated: 11032022.

Endst. No. LC-4507/JE(VA)/2022/ 6972

Dated: 14-03-2022

A copy is forwarded to the following for information and necessary action: -

Conmin Infra Developers LLP., House No. H-38, Ground Floor, M2K, White House, Sector-57, Gurugram alongwith a copy of agreement, LC-IV B & Bilateral Agreement and approved layout plan.

Chairman, Pollution Control Board, Haryana, Sector-6, Panchkula.

3. Chief Administrator, HSVP, Panchkula.

4. Chief Administrator, Housing Board, Panchkula.

- 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, Gurugram.
- 9. Land Acquisition Officer, Gurugram.
- 10. Senior Town Planner, Gurugram.
- 11. District Town Planner, Gurugram along with a copy of agreement & Layout Plan.
- 12. Chief Accounts Officer (Monitoring) O/o DTCP, Haryana.
- 13. PM(IT) of this Directorate for updation on Departmental website.

(Amit Madholia) District Town Planner (HQ)

For: Director, Town & Country Planning,
Haryana, Chandigarh

To be read with License No....18...Dated......2022

Detail of land owned by Conmin Infradevelopers LLP:-

Village		Khasra No.	Area (B-B-B)
Shikohpur		437/1	1-2-10
		446/2	1-6-1
		447/2	1-5-11
		448	1-18-0
		449/1	0-7-0
		449/2/2	1-8-5
		453/2/1	0-7-6
		454/2/1	0-13-10
		455/2/1	0-12-5
		Total	9-0-8
		Or	5.6381 acres
Village	Rect.No.	Killa No.	Area (K-M-S)
Naurangpur	6	9/2min	1-17
		10/2min	0-8
		11/1min	1-18
		12/1	1-3-0
		Total	5-6
			Or 0.6625 acre
		Grand Tot	al Or 6.300 acres

Virector,
Town & Country Planning
Haryanan