

DETAILED PROJECT REPORT

**CONSTRUCTION OF "THE AIRAN PARADISE" DEVELOPED BY -
SOMPTUEUX STAYS PRIVATE LIMITED AT - KHASRA NO 3, MAUJA
ALLEHPUR, TEH. & DISTT.- MATHURA.**

PROJECT COST : 1952.08 Lakh

YEAR : 2023

CONSULTANT

PRATAP EPC SERVICES PVT. LTD.

Architect, Engineers & Valuers
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DEVELOPED BY-

**SOMPTUEUX STAYS PRIVATE
LIMITED**

Opp. Kalyan Karoti, jai Singh Pura
Banger, Mathura

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REPORT

"THE AIRAN PARADISE"
SOMPTUEUX STAYS PRIVATE LIMITED
KHASRA NO 3, MAUJA ALLEHPUR, TEH. & DISTT.-
MATHURA.
UTTAR PRADESH

Project : Detailed Project Report for Construction of hotel building "THE AIRAN PARADISE" at Somptueux Stays Private Limited Khasra No 3, Mauja Allehpur, Teh. & Distt. Mathura, Uttar Pradesh

Report

Authority :

The Detailed Project Report for Construction of hotel building "THE AIRAN PARADISE" at Somptueux Stays Private Limited Khasra No 3, Mauja Allehpur, Teh. & Distt. Mathura, Uttar Pradesh has been prepared as per the discussion with Owner.

Requirements :

The proposed Project is required to be implemented at Mathura.

Site and Location :

The proposed hotel building "THE AIRAN PARADISE" will be constructed on the site at Somptueux Stays Private Limited Khasra No 3, Mauja Allehpur, Teh. & Distt. Mathura, Uttar Pradesh

Provision :

Following provisions has been made in this Detailed estimate are as follows:

- 1 Guard Room
- 2 Main Building (Hotel Building)
- 3 CC Road
- 4 Storm Water Drain
- 5 Sewerage System
- 6 Water Supply

- 7 Electrification
- 8 Outer Boundary Wall

Provision of Earth quake provisions, Internal Water Supply, Electrification etc has been made in this estimate.

Rates :

This Detailed estimate has been prepared on the basis U.P.P.W.D. Detailed Schedule of rates - Agra Circle.

Type of Structure :

The structure of proposed construction will be RCC Framed Structure.

Conclusion :

With the above remarks this Detailed estimate for the Construction of hotel building "THE AIRAN PARADISE" at Somptueux Stays Private Limited Khasra No 3, Mauja Allehpur, Teh. & Distt. Mathura, Uttar Pradesh amounting to Rs. 1952.08 Lakh is hereby submitted for approval and release the fund.

ANNEXURE

PROJECT COST

**Construction & Development Work of hotel building "THE AIRAN
PARADISE"**
at Somptueux Stays Private Limited Khasra No 3, Mauja Allehpur, Teh. &
Distt. Mathura, Uttar Pradesh

PROJECT COST

S. No.	Work	Amount in Lakh
A.	Cost of Land	452.67
B.	Cost of Construction	
1.	Guard Room	1.95
2.	Hotel Building	1234.28
	Total construction cost	1236.23
C.	Cost of Infrastructure	9.54
D.	Contingency	24.92
E.	GST	228.72

TOTAL PROJECT COST

(A+B+C+D+E) (452.67 + 1236.23 + 9.54 + 24.92+228.72)--- **1952.08 Lakh**

**Construction & Development Work of hotel building "THE AIRAN
PARADISE"**

at Somptueux Stays Private Limited Khasra No 3, Mauja Allehpur, Teh. &
Distt. Mathura, Uttar Pradesh

Construction of Guard Room, Hotel Building & Infrastructure

FORM - J

S. No. Lakh	Description of Item	Amount in
1.	Total Cost of Work	1952.08
	Grand Total	1952.08 Lakh

SUMMERY OF COST

**CONSTRUCTION WORK OF HOTEL BUILDING "THE AIRAN PARADISE" DEVELOPED BY -
SOMPTUEUX STAYS PRIVATE LIMITED AT - KHASRA NO 3, MAUJA ALLEHPUR, TEH. &
DISTT.- MATHURA.**

COST OF SUMMERY

S. NO.	Descripton	Quantity	Unit	Rate	Amount (Rs. In Lakhs)
A	LAND :-				
		3017.78	Sqm	15000.00	452.67
				Total	452.67
	TOTAL COST OF MAIN BUILDING				452.67
B	MAIN BUILDING :-				
1	GUARD ROOM				
		1.00	Nos.	195230.00	1.95
				Total	1.95
2	MAIN BUILDING				
		1.00	Nos.	123428171.89	1234.28
				Total	1234.28
	TOTAL COST OF MAIN BUILDING				1236.23
C	INFRASTRUCTURE				
1	STORM WATER DRAIN 300 X 300 MM DRAIN	96.03	R.M.	1343.00	1.29
				Total	1.29
2	SEWERAGE SYSTEM				
	350mm DIA. RCC HUME PIPE	96.03	R.M.	2381.00	2.29
	Manhole 600x600x450 MM	15.00	Nos.	6013.00	0.90
				Total	3.19
3	MAIN GATE				
			LS		4.00
				Total	4.00
				TOTAL (1 to 3)	8.48
4	EXTERNAL ELECTRIFICATION				
		12.50 % on Infrastructure Cost			1.06
	TOTAL OF INFRASTRUCTURE				9.54

	TOTAL COST (B+C)				1245.77
	ADD:- CONTINGENCY @ 2%				24.92
			TOTAL		1270.69
	ADD:- GST @18%				228.72
			TOTAL		1499.41
	TOTAL COST (A+B+C)				1952.08

ESTIMATE

GUARD ROOM

**ABSTRACT OF COST FOR PROPOSED GUARD ROOM "THE AIRAN PARADISE" DEVELOPED BY -
SOMPTUEUX STAYS PRIVATE LIMITED**

AT - KHASRA NO 3, MAUJA ALLEHPUR,TEH. & DISTT.- MATHURA.

S. No.	S.I.No.	PWD SPECIFIC- ATION No.	DESCRIPTION OF ITEM	QUAN- TITY	UNIT	RATE	AMOUNT
1	251 Page no 15 Chapter No. CH 4 Item No. 4.01	4.1.1	Excavation in foundation in ordinary soil (Loam, Clay or Sand) Including lift upto 1.50 m and lead upto 30m and including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer In-charge upto a distance of 30m from the foundation trenches.	3.78	Cum	130.00	491.40
2	255 Page no 15 Chapter No. CH 4 Item No. 4.04 (850+5% +60)	4.4	Earth filling in plinth including supply of necessary quantity of earth from a distance not exceeding 8 Kms from the side of work and including watering dressing etc. required for proper completion of work (Lead upto 30m & lift 1.5m)	1.22	Cum	258.00	314.55
3	281 Page no 16 Chapter No. CH 5 Item No. 4	4.1.8	Providing and laying cement concrete in 1:5:10 (1 Cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and curing complete, Including cost of form work. in Foundation and floors. (Fine sand not less than in 1.25 FM)				
			Same as item to above but in 1:4:8 in coarse sand	1.57	Cum	5100.00	8013.12

4	287 Page no 17 Chapter No. CH 5 Item No. 15	5.1.4	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:2:4 (1 Cement, 2 Coarse Sand and 4 stone grit of 20mm nominal size) in Raft Foundation & Footing excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works	0.97	Cum	6200.00	6026.40
5	289 Page no 17 Chapter No. CH 5 Item No. 17	5.1	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:1.5:3 (1 Cement, 1.5 Coarse Sand and 3 stone grit of 20mm nominal size) in Column excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works.	0.89	Cum	8700.00	7722.66

6	288 Page no 17 Chapter No. CH 5 Item No. 16	5.1.4	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:2:2 (1 Cement, 2 Coarse Sand and 4 stone grit of 20mm nominal size) in Tie Beam (Plinth Beam) excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works.	0.57	Cum	8250.00	4713.39
7	285 Page no 17 Chapter No. CH 5 Item No. 13	5.1.4.	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in lighter Beam having span up to 6 m excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade	0.43	Cum	8250.00	3586.28

8	284 Page no 16 Chapter No. CH 5 Item No. 11	5.1.4.	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in slab excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWG binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade	1.83	Cum	7700.00	14114.10
9	504 Page no 24 Chapter No. CH 10 Item No. 3		Reinforcement of Reinforced concrete or reinforced brick work (When not included in and an over all rates) brought to required shape as necessary including bending for proper completion of the work and including the supply of steel and its wastage Bend, hooks, Binding wire and authorized over lapping shall be measured upto floor two level.	6.20	Qtl	5866.00	36367.48
10	303 Page no 18 Chapter No. CH 6 Item No. 1	6.1.2	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in foundation and plinth including supply of all materials, labour and T&P etc. required for proper completion of the work.	3.10	Cum	4500.00	13970.88

11	303+309 Page no 18 Chapter No. CH 6 Item No. 1 & 6	6.4	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in super structure above plinth level upto floor five level (upto five stories) including necessary cutting and moulding of brick work as required and also including honey combed brick work in thickness of wall more than 12cm..	4.56	Cum	4860.00	22165.97
12	470 Page no 21 Chapter No. CH 9 Item No. 1	9.21.1	Supply and fixing of flush doors, commercial quality conforming of I.S. 2202 part-1 (1983) including fixing of wooden cleats and stoppers and including fixing and adjustment of hinges, bolts, locks, handles, springs, fitting with necessary screws to be supplied departmentally				
	(A)		32 mm thick single leaves	2.10	Sqm	1620.00	3402.00
13	502 Page no 24 Chapter No. CH 10 Item No. 1	10.1	Mild steel and iron work of small size and section such as holding down Bolts, hold fasts, tierods, grating, etc. (When not included in and over all rates) brought to required form including supply of steel and its wastage including cost of bolts, nuts if required for proper completion of work including fabrication of holes in door chaukhats and nosing.				
	b		Fabrication of grills / staircase railing.	45.00	Kg.	60.00	2700.00
14	502 Page no 24 Chapter No. CH 10 Item No. 1		Mild steel and iron work of small size and section such as holding down Bolts, hold fasts, tierods, grating, etc. (When not included in and over all rates) brought to required form including supply of steel and its wastage including cost of bolts, nuts if required for proper completion of work including fabrication of holes in door chaukhats and nosing.				

	d		Fabrication of Z-Section steel windows including necessary steel fitting such as handles stay etc.				
	2		Openable	63.00	Kg.	61.00	3843.00
15	New Page no 22 Chapter No. CH 9 Item No. 8		Providing and fixing glazing in Z-section, windows, doors, ventilator shutters and partitions etc. with Glass putty/beading etc. complete..				
			ii) With float glass panes of 5.5 mm thickness	1.80	Sqm	790.00	1422.00
16			Mild steel angle iron Chaukhat 40X40X5 MM	27.90	Kg.	60.00	1674.00
17	11.14 Page no 25 Chapter No. CH 10 Item No. 10		Fixing to steel or wooden chaukhats in position.				
			Door Chaukhat/above 1.5 Sqm	1.00	Nos	110.00	110.00
			Window chaukhat above 1.5 Sqm	1.00	Nos	85.00	85.00
18	New Page no 33 Chapter No. CH 14 Item No. 10		Providing and Laying 25mm kota stone flooring over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid over jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete.	6.10	Sqm	1190.00	7254.24
19	New Page no 33 Chapter No. CH 14 Item No. 11		Kota stone slab 20mm thick in risers of steps, skirting dado and pillars laid on 10mm thick cement mortar 1:3 (1 cement : 3 coarse sand) jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete.	0.61	Sqm	650.00	396.24

20	583 Page no 32 Chapter No. CH 13 Item No. 2		15mm thick Cement plaster in single coat on rough side of single or half brick wall for interior plastering upto floor to level including internal rounded angles chamfers, and rounded angles not exceeding 80mm. In girth and finished even and smooth.				
			(iii) 1 cement : 6 coarse sand	42.60	Sqm	150.00	6390.00
21	Page no 32 Chapter No. CH 13 Item No. 4		6mm thick plastering on ceilings and soffits of stairs upto floor two level instead of plastering in walls.				
			1 cement : 3 fine sand (Not Less than in 1.25FM)	18.44	Sqm	130.00	2397.72
22	649+650 Page no 35 Chapter No. CH 15 Item No. 9 & 10		Distempering (two coat) with oil bound distemper of approved brand and manufacture and of required shade on undercoated wall surface to give an even shade over & including a priming coat with cement primer of approved brand and manufacture such as Berger, J&N, Shalimar, Asian, paints after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even with plaster of approved synthetic material and sand papered smooth including cost of all materials.	61.04	Sqm	69.00	4212.04

23	Page no 35 Chapter No. CH 15 Item No. 1a+2a+3	15.1.2	Painting two coat over priming coat (but including cost of priming coat) on steel and other metal surfaces upto 10cm width or girth or small articles not exceeding 0.10 Sq.M. in area with superior synthetic enamel such as Luxol 3, Hi gloss Apcolite, Superlac, Dulux specified brushing to give and even shade and including the cleaning the surface of all dirt, dust and other foreign matter sand papering and scrapping including cost of all materials, labour, tools and plants etc. required for proper completion of work.	7.20	Sqm	91.50	658.80
24	Page no 35 Chapter No. CH 15 Item No. 1b+2b+3	15.1.2	Painting two coat over priming coat (including cost of priming coat) on wooden surfaces upto 10cm width or girth or small articles not exceeding 0.10 Sq.M. in area with superior synthetic enamel such as Luxol 3, Hi gloss Apcolite, Superlac, Dulux specified brushing to give and even shade and including the cleaning the surface of all dirt, dust and other foreign matter sand papering and scrapping including cost of all materials, labour, tools and plants etc. required for proper completion of work.	4.20	Sqm	96.00	403.20

25	New Page no 27 Chapter No. CH 11 Item No. 4		P/E Integral cement based water proofing treatment BIRCK KOBA including preparation of surface as required for treatment of roofs, consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS. 2645 including adjoining walls upto 300 mm height. (b) Laying brick bats with mortar with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 to required slope including rounding of junctions of walls and slabs (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with water proofing compound conforming to IS: 2645 including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface.	14.66	Sqm	850.00	12464.40
26	730 Page no 41 Chapter No. CH 19 Item No. 1	21.5	Supply and fixing of 10cm. Internal dia A.C. down pipes complete with roseheads, bends M.S. clamps 2.5cm x 3mm. Fixed to wall by 15cm. Long 6mm dia nails and including repairs of plaster pointing etc. if damaged during fixing of the pipes including cost of all materials, labours, tools and plant etc. required for proper completion of work.	6.60	R. M.	190.00	1254.00
					Total		166152.87
27			Internal Electrification	@	12.50 %		20769.11
28			Internal Sanitation	@	5.00 %		8307.64
					G. Total		195229.62
					SAY Rs.		195230.00

**DETAILED ESTIMATE FOR PROPOSED GUARD ROOM "THE AIRAN PARADISE" DEVELOPED BY - SOMPTUEUX
STAYS PRIVATE LIMITED**

AT - KHASRA NO 3, MAUJA ALLEHPUR,TEH. & DISTT.- MATHURA.

S.NO.	DESCRIPTION OF ITEM	NO.	L	B	H	QTY.	UNIT
	CIVIL WORKS:-						
1	Excavation in foundation in ordinary soil (Loam, Clay or Sand) Including lift upto 1.50 m and lead upto 30m and including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer In-charge upto a distance of 30m from the foundation trenches. (SI. No. 251)						
	For Column	4	1.10	1.10	1.20	5.81	Cum
	Footing 0.23 th. Wall	1	8.40	0.75	0.60	3.78	Cum
				TOTAL		3.78	Cum
2	Earth filling in plinth including supply of necessary quantity of earth from a distance not exceeding 8 Kms from the side of work and including watering dressing etc. required for proper completion of work (Lead upto 30m & lift 1.5m) (SI. No. 255)						
	Under Floor	1	2.54	2.40	0.20	1.22	Cum
				TOTAL		1.22	Cum
3	Providing and laying cement concrete in 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) and curing complete, Including cost of form work. in Foundation and floors. (SI. No. 281)						
	For Wall						
	for 0.23m th. Wall	1	8.40	0.75	0.10	0.63	Cum
	Under Column	4	1.10	1.10	0.10	0.48	Cum
	Under Floor	1	2.54	2.40	0.075	0.46	Cum
				G. TOTAL		1.57	Cum
4	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:2:4 (1 Cement, 2 Coarse Sand and 4 stone grit of 20mm nominal size) in Raft Foundation & Footing excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works. (SI. No. 287)						

	Footing FG1	4	0.90	0.90	0.20	0.65	Cum
		4	0.90	0.90	0.10	0.32	Cum
				TOTAL		0.97	Cum
5	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:1.5:3 (1 Cement, 1.5 Coarse Sand and 3 stone grit of 20mm nominal size) in Column excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works. (Sl. No. 289)						
	Upto Plinth Level						
	CG1	4	0.23	0.23	1.37	0.29	Cum
				TOTAL		0.29	Cum
	Upto G.F. Roof Level						
	CG1	4	0.23	0.23	2.825	0.60	Cum
				TOTAL		0.60	Cum
				G. TOTAL		0.89	Cum
6	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:2:2 (1 Cement, 2 Coarse Sand and 4 stone grit of 20mm nominal size) in Tie Beam (Plinth Beam) excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works. (Sl. No. 288)						
	PB1	2	3.00	0.23	0.23	0.32	Cum
		2	2.40	0.23	0.23	0.25	Cum
				TOTAL		0.57	Cum

7	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in lighter Beam having span upto 6m excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWG binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade. (SI. No. 286)						
	G.F.						
	RB1	2	3.00	0.23	0.175	0.24	Cum
	RB2	2	2.40	0.23	0.175	0.19	Cum
				TOTAL		0.43	Cum
8	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in slab excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWG binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade (SI. No. 284)						
	G.F.	1	3.90	3.76	0.125	1.83	Cum
				TOTAL		1.83	Cum
9	Reinforcement of Reinforced concrete or reinforced brick work (When not included in and an over all rates) brought to required shape as necessary including bending for proper completion of the work and including the supply of steel and its wastage Bend, hooks, Binding wire and authorized over lapping shall be measured upto floor two level. (SI. No. 504)						
A	Foundation	1	0.97	1.50	0.785	1.14	Qtl
B	Column	1	0.89	3.00	0.785	2.09	Qtl
C	Plinth Beam	1	0.57	1.50	0.785	0.67	Qtl
E	Roof Beam	1	0.43	2.50	0.785	0.85	Qtl
F	Slab	1	1.83	1.00	0.785	1.44	Qtl
				TOTAL		6.20	Qtl

10	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in foundation and plinth including supply of all materials, labour and T&P etc. required for proper completion of the work. (Sl. No. 303)						
	For Wall						
	Ist Footing	1	8.40	0.57	0.15	0.72	Cum
	IIInd Footing	1	8.40	0.45	0.15	0.57	Cum
	IIIrd Footing	1	8.40	0.34	0.15	0.43	Cum
	IVth Footing	1	8.40	0.23	0.72	1.39	Cum
				TOTAL		3.10	Cum
11	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in super structure above plinth level upto floor five level (upto five stories) including necessary cutting and moulding of brick work as required and also including honey combed brick work in thickness of wall more than 12cm.. (Sl. No. 303 + 309)						
A	Ground Floor						
	230mm thick wall	1	8.40	0.23	2.825	5.46	Cum
				TOTAL		5.46	Cum
	Deduction						
	Door D1	1	1.00	0.23	2.10	0.48	Cum
	Window W1	1	1.50	0.23	1.20	0.41	Cum
				TOTAL		0.90	Cum
				GRAND TOTAL		4.56	Cum
12	Supply and fixing of flush doors, commercial quality conforming of I.S. 2202 part-1 (1983) including fixing of wooden cleats and stoppers and including fixing and adjustment of hinges, bolts, locks, handles, springs, fitting with necessary screws to be supplied departmentally. (Sl. No. 470)						
	32 mm thick single leaves						
	Door D1	1	1.00	---	2.10	2.10	Sqm
				TOTAL		2.10	Sqm
13	Mild steel and iron work of small size and section such as holding down Bolts, hold fasts, tierods, grating, etc. (When not included in and over all rates) brought to required form including supply of steel and its wastage including cost of bolts, nuts if required for proper completion of work including fabrication of holes in door chauhkhats and nosing. (Sl. No. 502)						
	Fabrication of grills / staircase railing.						
	W1	1	1.50	---	1.20	1.80	Sqm
				TOTAL		1.80	Sqm
	Weight of M.S. Grill	1.80	@	25.00		45.00	Kg.

14	Mild steel and iron work of small size and section such as holding down Bolts, hold fasts, tierods, grating, etc. (When not included in and over all rates) brought to required form including supply of steel and its wastage including cost of bolts, nuts if required for proper completion of work including fabrication of holes in door chaukhats and nosing.						
	Fabrication of Z-Section steel windows including necessary steel fitting such as handles stay etc.						
	W1	1	1.50	---	1.20	1.80	Sqm
				TOTAL		1.80	Sqm
	Weight of Z-Section	1.80	@	35.00		63.00	Kg.
15	Providing and fixing glazing in Z-section, windows, doors, ventilator shutters and partitions etc. with Glass putty/beading etc. complete..						
	ii) With float glass panes of 5.5 mm thickness						
	W1	1	1.50	---	1.20	1.80	Sqm
				TOTAL		1.80	Sqm
16	Providing Mild steel angle iron chaukhat						
	D1	1	5.20	---	---	5.20	RM
				TOTAL		5.20	RM
	Weight of 40x40x5 mm Angle iron @ 3 Kg/ Nos.	5.20	3.00			15.60	Kg.
	Weight of Hold Fast 40x40x5 mm Angle iron @ 3 Kg/ Nos.	4.10	3.00			12.30	Kg.
				TOTAL		27.90	Kg.
17	Fixing to steel or wooden chaukhats in position.						
	Door Chaukhat/above 1.5 Sqm	1		---	---	1.00	Nos
	Window chaukhat above 1.5 Sqm	1		---	---	1.00	Nos
	Flooring						
18	Providing and Laying 25mm kota stone flooring over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid over jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete. (SI. No.New)						
	Ground Floor	1	2.54	2.40	---	6.10	Sqm
				TOTAL		6.10	Sqm
19	Kota stone slab 20mm thick in risers of steps, skirting dado and pillars laid on 10mm thick cement mortar 1:3 (1 cement : 3 coarse sand) jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. @ 10 % of Floor (SI. No.New)					0.61	Sqm
				TOTAL		0.61	Sqm

	FINISHING WORKS:-						
20	15mm thick Cement plaster in single coat on rough side of single or half brick wall for interior plastering upto floor to level including internal rounded angles chamfers, and rounded angles not exceeding 80mm. In girth and finished even and smooth. (SI. No.583)						
A	Ground Floor						
	230mm thick wall	2	8.40	----	3.00	50.40	Sqm
				TOTAL		50.40	Sqm
	Deduction						
	Door	2	1.00	----	2.10	4.20	Sqm
	Window	2	1.50	----	1.20	3.60	Sqm
				TOTAL		7.80	Sqm
				GRAND TOTAL		42.60	Sqm
21	6mm thick plastering on ceilings and soffits of stairs upto floor two level instead of plastering in walls. (SI. No.)						
	1 cement : 3 fine sand (Not Less than in 1.25FM)						
		1	3.90	3.76	----	14.66	Sqm
		4	3.00	---	0.175	2.10	Sqm
		4	2.40	---	0.175	1.68	Sqm
				TOTAL		18.44	Sqm
22	Distempering (two coat) with oil bound distemper of approved brand and manufacture and of required shade on undercoated wall surface to give an even shade over & including a priming coat with cement primer of approved brand and manufacture such as Berger, J&N, Shalimar, Asian, paints after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even with plaster of approved synthetic material and sand papered smooth including cost of all materials. (SI. No. 649 + 650)						
	Wall Plaster					42.60	Sqm
	Ceiling Plaster					18.44	Sqm
				TOTAL		61.04	Sqm

23	Painting two coat over priming coat (but including cost of priming coat) on steel and other metal surfaces upto 10cm width or girth or small articles not exceeding 0.10 Sq.M. in area with superior synthetic enamel such as Luxol 3, Hi gloss Apcolite, Superlac, Dulux specified brushing to give and even shade and including the cleaning the surface of all dirt, dust and other foreign matter sand papering and scrapping including cost of all materials, labour, tools and plants etc. required for proper completion of work. (SI. No. New+New+642)						
	Z-Section Window	2		1.80		3.60	Sqm
	M.S. Grill	2		1.80		3.60	Sqm
				TOTAL		7.20	Sqm
24	Painting two coat over priming coat (including cost of priming coat) on wooden surfaces upto 10cm width or girth or small articles not exceeding 0.10 Sq.M. in area with superior synthetic enamel such as Luxol 3, Hi gloss Apcolite, Superlac, Dulux specified brushing to give and even shade and including the cleaning the surface of all dirt, dust and other foreign matter sand papering and scrapping including cost of all materials, labour, tools and plants etc. required for proper completion of work. (SI. No. New+New+642)						
	Flush Door	2		2.10		4.20	Sqm
				TOTAL		4.20	Sqm

25	P/L integral cement based water proofing treatment BIRCK KOBA including preparation of surface as required for treatment of roofs, consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS. 2645 including adjoining walls upto 300 mm height. (b) Laying brick bats with mortar with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 to required slope including rounding of junctions of walls and slabs (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with water proofing compound conforming sectionsof size 80 mm x 26 mm x 51 mm provided across the intermediatechannel at a spacing of 475 mm c/c, at bottom which shall be fixed by G.I connecting clips of 2.64 mm diameter at junctions. Theceiling						
		1	3.90	3.76	---	14.66	Sqm
				TOTAL		14.66	Sqm
26	Supply and fixing of 10cm. Internal dia A.C. down pipes complete with roseheads, bends M.S. clamps 2.5cm x 3mm. Fixed to wall by 15cm. Long 6mm dia nails and including repairs of plaster pointing etc. if damaged during fixing of the pipes including cost of all materials, labours, tools and plant etc. required for proper completion of work. (SI. No. 730)						
		2	---	---	3.30	6.60	R.M.
				TOTAL		6.60	R.M.
27	Internal Electrification		12.50% of Total Value				
28	Internal Water Supply & Sanitary		5.00% of Total Value				

MAIN BUILDING

**ABSTRACT OF COST OF PROPOSED HOTEL BUILDING "THE AIRAN PARADISE" DEVELOPED BY -
SOMPTUEUX STAYS PRIVATE LIMITED
AT - KHASRA NO 3, MAUJA ALLEHPUR, TEH. & DISTT.- MATHURA.**

S. No.	S.I.No.	PWD SPECIFICATION No.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
PART A (CIVIL / FINISHING WORK)							
1	251 Page no 15 Chapter No. CH 4 Item No. 4.01	4.1.1	Excavation in foundation in ordinary soil (Loam, Clay or Sand) Including lift upto 1.50 m and lead upto 30m and including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer In-charge upto a distance of 30m from the foundation trenches.	3651.98	Cum	130.00	474757.41
2	255 Page no 15 Chapter No. CH 4 Item No. 4.04 (850+60)	4.4	Sand filling in plinth including supply of necessary quantity of sand from a distance not exceeding 8 Kms from the side of work and including watering dressing etc. required for proper completion of work (Lead upto 30m & lift 1.5m)	108.72	Cum	952.50	103558.66
3	281 Page no 16 Chapter No. CH 5 Item No. 4	4.1.8	Providing and laying cement concrete in 1:5:10 (1 Cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and curing complete, Including cost of form work. in Foundation and floors. (Fine sand not less than in 1.25 FM)				
			Same as item to above but in 1:4:8 in coarse sand	188.57	Cum	5100.00	961684.10

4	287 Page no 17 Chapter No. CH 5 Item No. 15	5.1.4	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:2:4 (1 Cement, 2 Coarse Sand and 4 stone grit of 20mm nominal size) in Raft Foundation & Footing excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works	254.75	Cum	6200.00	1579453.60
5	289 Page no 17 Chapter No. CH 5 Item No. 17	5.1	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:1.5:3 (1 Cement, 1.5 Coarse Sand and 3 stone grit of 20mm nominal size) in Column excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works.	182.22	Cum	8700.00	1585293.12

6	289 Page no 17 Chapter No. CH 5 Item No. 17	5.1	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:1.5:3 (1 Cement, 1.5 Coarse Sand and 3 stone grit of 20mm nominal size) in RCC Wall excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works.	51.72	Cum	8700.00	449964.00
7	288 Page no 17 Chapter No. CH 5 Item No. 16	5.1.4	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:2:2 (1 Cement, 2 Coarse Sand and 4 stone grit of 20mm nominal size) in Tie Beam (Plinth Beam) excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works.	42.00	Cum	8250.00	346504.70

8	283 Page no 16 Chapter No. CH 5 Item No. 10	5.1.4	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in lintels of doors and windows excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade	44.51	Cum	7100.00	316010.00
9	285 Page no 17 Chapter No. CH 5 Item No. 13	5.1.4.	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in lighter Beam having span up to 6 m excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade	96.06	Cum	8250.00	792464.31

10	286 Page no 17 Chapter No. CH 5 Item No. 14	5.1.4	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in Heavier Beam having span more than 6 m excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWG binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade	384.59	Cum	8500.00	3269043.90
11	284(a) Page no 16 Chapter No. CH 5 Item No. 11	5.1.4.	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in slab excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWG binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade (1:1.5:3)	780.21	Cum	8350.00	6514780.55

12	504		Reinforcement of Reinforced concrete or reinforced brick work (When not included in and an over all rates) brought to required shape as necessary including bending for proper completion of the work and including the supply of steel and its wastage Bend, hooks, Binding wire and authorized over lapping shall be measured upto floor two level.	3074.39	Qtl	5866.00	18034354.12
13	303 Page no 18 Chapter No. CH 6 Item No. 1	6.1.2	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in foundation and plinth including supply of all materials, labour and T&P etc. required for proper completion of the work.	81.30	Cum	4500.00	365838.19
14	303+309 Page no 18 Chapter No. CH 6 Item No. 1 & 6	6.4	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in super structure above plinth level upto floor five level (upto five stories) including necessary cutting and moulding of brick work as required and also including honey combed brick work in thickness of wall more than 12cm..	840.98	Cum	4860.00	4087174.78
15	305+310 A Page no 18 Chapter No. CH 6 Item No. 3 & 7		Class-150 (Non Modular) brick work in 1:4 cement and Coarse sand mortar in superstructure for wall thickness 12cm. and below add extra.	171.65	Cum	5210.00	894296.08
16	New Page no 20 Chapter No. CH 8 Item No. 2		Ant termite treatment of soil under floors using chemical emulsion @ liter per hole, 330 mm apart @ 100 nos., holes per 9.00 sqm. including drilling 12 mm diameter holes and plugging also to match the floor properly.				

			With chlorphos/Lindane E.C. 20% with 1% concentration.	724.73	Sqm	175.00	126827.51
17			Providing & fixing UPVC door & window with 4 Mm thick Glass & all fittings & hardwares.	822.90	Sqm	7500.00	6171750.00
18	AR	10.1	Mild steel and iron work of small size and section such as holding down Bolts, hold fasts, tierods, grating, etc. (When not included in and over all rates) brought to required form including supply of steel and its wastage including cost of bolts, nuts if required for proper completion of work including fabrication of holes in door chaukhats and nosing.				
			Fabrication of grills / staircase railing.	11855.70	Kg.	90.00	1067013.00
19	New Item Page no 34 Chapter No. CH 14 Item No. 13		Providing and laying Vitrified tiles in floor of 500x 500mm sizes (thickness 10mm), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in desired colours and shades, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, including grouting of joints.	275.57	Sqm	1250.00	344468.63
20	628 Page no 33 Chapter No. CH 14 Item No. 7		Supply of fixing 6mm (1/4") thick china white glazed tile in flooring or dado laid with 1:3 cement and approved coarse sand mortar finished with white cement jointed and polishing complete including supply of all materials, labour for proper completion of the work.	1930.60	Sqm	900.00	1737540.00

21	New Page no 33 Chapter No. CH 14 Item No. 10		Providing and Laying 25mm Italian stone flooring over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid over jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete..	4925.85	Sqm	1190.00	5861757.57
22	New Page no 33 Chapter No. CH 14 Item No. 11		Italian stone slab 20mm thick in risers of steps, skirting dado and pillars laid on 10mm thick cement mortar 1:3 (1 cement : 3 coarse sand) jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete.	492.58	Sqm	650.00	320180.04
23	583 Page no 32 Chapter No. CH 13 Item No. 2		15mm thick Cement plaster in single coat on rough side of single or half brick wall for interior plastering upto floor to level including internal rounded angles chamfers, and rounded angles not exceeding 80mm. In girth and finished even and smooth.				
			(iii) 1 cement : 6 coarse sand	12024.74	Sqm	150.00	1803710.85
24	Page no 32 Chapter No. CH 13 Item No. 4		6mm thick plastering on ceilings and soffits of stairs upto floor two level instead of plastering in walls.				
			1 cement : 3 fine sand (Not Less than in 1.25FM)	5201.42	Sqm	130.00	676184.81

25	649+650 Page no 35 Chapter No. CH 15 Item No. 9 & 10		Distempering (two coat) with oil bound distemper of approved brand and manufacture and of required shade on undercoated wall surface to give an even shade over & including a priming coat with cement primer of approved brand and manufacture such as Berger, J&N, Shalimar, Asian, paints after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even with plaster of approved synthetic material and sand papered smooth including cost of all materials.	15295.56	Sqm	69.00	1055393.68
26	New Page no 37 Chapter No. CH 15 Item No. 27		Finishing walls with Putty approved brand and manufacture and of required shade and undacorated wall surface to give even shade over including curing and cost of all material, labour, T&P etc. required for proper completion of work.	15295.56	Sqm	130.00	1988422.88
27	Page no 35 Chapter No. CH 15 Item No. 1a+2a+3	15.1.2	Painting two coat over priming coat (but including cost of priming coat) on steel and other metal surfaces upto 10cm width or girth or small articles not exceeding 0.10 Sq.M. in area with superior synthetic enamel such as Luxol 3, Hi gloss Apcolite, Superlac, Dulux specified brushing to give and even shade and including the cleaning the surface of all dirt, dust and other foreign matter sand papering and scrapping including cost of all materials, labour, tools and plants etc. required for proper completion of work.	948.46	Sqm	91.50	86783.72

28	New Page no 27 Chapter No. CH 11 Item No. 4		P/L integral cement based water proofing treatment BIRCK KOBA including preparation of surface as required for treatment of roofs, consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS. 2645 including adjoining walls upto 300 mm height. (b) Laying brick bats with mortar with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 to required slope including rounding of junctions of walls and slabs (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with water proofing compound conforming to IS: 2645 including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing.	1225.00	Sqm	850.00	1041250.00
29	730 Page no 41 Chapter No. CH 19 Item No. 1	21.5	Supply and fixing of 10cm. Internal dia A.C. down pipes complete with roseheads, bends M.S. clamps 2.5cm x 3mm. Fixed to wall by 15cm. Long 6mm dia nails and including repairs of plaster pointing etc. if damaged during fixing of the pipes including cost of all materials, labours, tools and plant etc. required for proper completion of work.	360.00	R. M.	190.00	68400.00

	New	Providing and fixing false ceiling with 12.50 mm thick plain gypsum boards: 6 Providing, fixing and finishing two level false ceiling (Tentative levels of the first and second levels of finished false ceiling soffits may be 450 mm and 750 mm below the roof slab) using 12.50 mm thick plain gypsum boards of M/s. Saint Gobain or approved equivalent, fixed to the suspended grid, fabricated and fixed to the soffit of roof / beams and wall using - Gypsteel Ultra ceiling sections- perimeter channels of size 20 mm x 28 mm x 30 mm fixed to the wall using metal screws and nylon sleeves recommended by the manufacturer at a spacing not exceeding 600 mm c/c, intermediate channels of size 15 mm x 45 mm x 15 mm at a spacing not exceeding 1200 mm c/c suspended using ceiling angles of size 25mm x 10 mm and appropriate length, fixed to the soffit of R.C.C beams / slabs	4348.37	Sqm	1700.00	7392231.72
					Total A	69517091.91
		PART B (SANITARY WORK)				
		12.50% of Total Cost			Total B	8689636.49
		PART C (ELECTRICAL WORK)				
		12.50% of Total Cost			Total C	8689636.49
		PART D (AC DUCTING WORK)				
		(4348.38 sqm. X 3228)			Total D	14036570.00
		PART E (FURNITURE WORK)				
		(3623.65 sqm. X 5380)			Total E	19495237.00
		PART F (PROVISION OF LIFT)				
		(3 X 10 Lakhs)			Total F	3000000.00
		Total of (Part A+B+C+D+E+F)			Sub Total	123428171.89

**DETAILED ESTIMATE FOR PROPOSED HOTEL BUILDING "THE AIRAN PARADISE" DEVELOPED BY - SOMPTUEUX
STAYS PRIVATE LIMITED
AT - KHASRA NO 3, MAUJA ALLEHPUR,TEH. & DISTT.- MATHURA.**

S.NO.	DESCRIPTION OF ITEM		NO.	L	B	H	QTY.	UNIT
	CIVIL WORKS:-							
1	Excavation in foundation in ordinary soil (Loam, Clay or Sand) Including lift upto 1.50 m and lead upto 30m and including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer In-charge upto a distance of 30m from the foundation trenches. (Rate including Royalty of earth also) (Sl. No. 251)							
	for Footing							
	FG1	1	13	3.60	4.80	1.80	404.35	Cum
	FG2	1	11	3.00	4.20	1.80	249.48	Cum
	CFG1	1	1	4.69	5.82	1.80	49.13	Cum
	CFG2	1	1	6.58	8.90	1.80	105.41	Cum
	CFG3	1	1	7.12	5.68	1.80	72.79	Cum
	For Basement							
		1	1	32.16	31.91	2.70	2770.81	Cum
					TOTAL		3651.98	Cum
2	Sand filling in plinth including supply of necessary quantity of sand from a distance not exceeding 8 Kms from the side of work and including watering dressing etc. required for proper completion of work (Lead upto 30m & lift 1.5m) (Sl. No. 255)							
		1	1	724.82		0.150	108.72	Cum
					TOTAL		108.72	Cum
3	Providing and laying cement concrete in 1:5:10 (1 Cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and curing complete, Including cost of form work. in Foundation and floors. (Fine sand not less than in 1.25 FM) (Sl. No. 281)							
	Same as item to above but in 1:4:8 in coarse sand							
	In Foundation							
	FG1	1	13	3.20	4.40	0.15	27.46	Cum
	FG2	1	11	2.60	3.80	0.15	16.30	Cum
	CFG1	1	1	4.29	5.42	0.15	3.49	Cum
	CFG2	1	1	6.18	8.50	0.15	7.88	Cum
	CFG3	1	1	6.72	5.28	0.15	5.32	Cum
	in Outer Wall							
		1	1	107.75	1.20	0.15	19.40	Cum
	in Floor							
		1	1	724.82		0.150	108.72	Cum
					TOTAL		188.57	Cum

4	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:2:4 (1 Cement, 2 Coarse Sand and 4 stone grit of 20mm nominal size) in Raft Foundation & Footing excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works. (Sl. No. 287)							
	In Foundation							
	FG1	1	13	3.00	4.20	0.75	122.85	Cum
	FG2	1	11	2.40	3.60	0.60	57.02	Cum
	CFG1	1	1	4.09	5.22	0.60	12.81	Cum
	CFG2	1	1	5.98	8.30	0.75	37.23	Cum
	CFG3	1	1	6.52	5.08	0.75	24.84	Cum
						TOTAL	254.75	Cum
5	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:1.5:3 (1 Cement, 1.5 Coarse Sand and 3 stone grit of 20mm nominal size) in Column excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works. (Sl. No. 289)							
	Basement, Ground, First, Second, Third & Fourth Floor							
	CG1	6	12	0.23	0.30	3.20	15.90	Cum
	CG2	6	15	0.45	0.75	3.20	97.20	Cum
	CG3	6	16	0.30	0.75	3.20	69.12	Cum
						TOTAL	182.22	Cum
6	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:1.5:3 (1 Cement, 1.5 Coarse Sand and 3 stone grit of 20mm nominal size) in RCC Wall excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works. (Sl. No. 289)							
	Basement Floor							
	RCC Wall	1	1	107.75	0.15	3.20	51.72	Cum
						TOTAL	51.72	Cum

7	R.C.C. work with cement approved coarse sand and 20mm gauge approved stone ballast in the proportion 1:2:2 (1 Cement, 2 Coarse Sand and 4 stone grit of 20mm nominal size) in Tie Beam (Plinth Beam) excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the works. (Sl. No. 288)							
	PB1	1	1	94.28	0.38	0.45	16.12	Cum
	PB2	1	3	13.59	0.45	0.45	8.26	Cum
	PB3	1	1	89.30	0.30	0.45	12.06	Cum
	PB4	1	1	53.79	0.23	0.45	5.57	Cum
					TOTAL		42.00	Cum
8	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in lintels of doors and windows excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade. (Sl. No. 283)							
	Basement, Ground, First, Second, Third & Fourth Floor							
	LB1	6	1	120.50	0.23	0.23	38.25	Cum
	LB2	6	1	60.50	0.12	0.15	6.26	Cum
					TOTAL		44.51	Cum
9	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in lighter Beam having span up to 6 m excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade (Sl. No. 285)							
	Basement, Ground, First, Second, Third & Fourth Floor							
	RB1	6	1	80.54	0.23	0.30	33.34	Cum
	RB4	6	1	151.48	0.23	0.30	62.71	Cum
	RB5	6	1	46.84	0.23	0.30	19.39	Cum
					TOTAL		96.06	Cum

10	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in havier Beam having span more than 6 m excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade (Sl. No. 285)							
	Basement, Ground, First, Second, Third & Fourth Floor							
	RB2	6	1	89.30	0.30	0.60	96.44	Cum
	RB3	6	1	118.58	0.45	0.90	288.15	Cum
					TOTAL		384.59	Cum
11	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in slab excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade (Sl. No. 284)							
	Basement Floor	1	1	27.81	26.06	0.15	108.71	Cum
	Ground, First, Second, Third & Fourth Floor	5	1	30.81	29.06	0.15	671.50	Cum
					TOTAL		780.21	Cum
12	Reinforcement of Reinforced concrete or reinforced brick work (When not included in and an over all rates) brought to required shape as necessary including bending for proper completion of the work and including the supply of steel and its wastage Bend, hooks, Binding wire and authorized over lapping shall be measured upto floor two level. (Sl. No. 504)							
	A Foundation	1	1	254.75	1.50	0.785	299.97	Qtl
	B Column	1	1	182.22	3.00	0.785	429.12	Qtl
	C RCC Wall	1	1	51.72	1.50	0.785	60.90	Qtl
	D Plinth Beam	1	1	42.00	2.00	0.785	65.94	Qtl
	E Lintel Beam	1	1	44.51	1.50	0.785	52.41	Qtl
	F Roof Beam Lighter	1	1	96.06	2.50	0.785	188.51	Qtl
	G Roof Beam Havier	1	1	384.59	3.00	0.785	905.72	Qtl
	H Slab	1	1	780.21	1.75	0.785	1071.82	Qtl
					TOTAL		3074.39	Qtl

13	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in foundation and plinth including supply of all materials, labour and T&P etc. required for proper completion of the work. (Sl. No. 303)							
	G.L. to P.L.							
	Outer Boundary Wall	1	1	107.75	0.69	0.15	11.15	Cum
		1	1	107.75	0.57	0.15	9.21	Cum
		1	1	107.75	0.45	0.15	7.27	Cum
		1	1	107.75	0.34	0.45	16.49	Cum
		1	1	107.75	0.23	1.50	37.17	Cum
					TOTAL		81.30	Cum
14	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in super structure above plinth level upto floor five level (upto five stories) including necessary cutting and moulding of brick work as required and also including honey combed brick work in thickness of wall more than 12cm.. (Sl. No. 303 + 309)							
	A Basement	1	1	123.91	0.23	3.20	91.20	Cum
	B Ground Floor	1	1	215.49	0.23	3.20	158.60	Cum
	C First Floor	1	1	215.49	0.23	3.20	158.60	Cum
	D Second, Third & Fourth Floor	3	1	257.25	0.23	3.20	568.01	Cum
	E Parapet Wall	1	1	107.75	0.23	1.05	26.02	Cum
					TOTAL		1002.43	Cum
	Deduction							
	Door							
	Basement Floor							
	D1	1	-3	1.50	0.23	2.40	-2.48	Cum
	D2	1	-4	1.00	0.23	2.40	-2.21	Cum
	Ground Floor							
	D1	1	-6	1.80	0.23	2.40	-5.96	Cum
	D2	1	-5	1.00	0.23	2.40	-2.76	Cum
	D3	1	-5	0.75	0.23	2.40	-2.07	Cum
	First Floor							
	D1	1	-6	1.80	0.23	2.40	-5.96	Cum
	D2	1	-5	1.00	0.23	2.40	-2.76	Cum
	D3	1	-5	0.75	0.23	2.40	-2.07	Cum
	Second, Third & Fourth Floor							
	D1	3	-10	1.50	0.23	2.40	-24.84	Cum
	D2	3	-22	1.00	0.23	2.40	-36.43	Cum
	Window							
	Ground Floor							
	W1	1	-6	3.00	0.23	1.50	-6.21	Cum
	W2	1	-3	2.10	0.23	1.50	-2.17	Cum
	W3	1	-5	1.20	0.23	1.50	-2.07	Cum
	First Floor							
	W1	1	-6	3.00	0.23	1.50	-6.21	Cum
	W2	1	-3	2.10	0.23	1.50	-2.17	Cum
	W3	1	-5	1.20	0.23	1.50	-2.07	Cum
	Second, Third & Fourth Floor							

	W1	3	-19	2.40	0.23	1.50	-47.20	Cum
	Ventilator							
	Basement							
	V1	1	-16	2.40	0.23	0.60	-5.30	Cum
	Ground Floor							
	V1	1	-2	0.90	0.23	0.60	-0.25	Cum
	First Floor							
	V1	1	-2	0.90	0.23	0.60	-0.25	Cum
					TOTAL		-161.45	Cum
					G. TOTAL		840.98	Cum
15	Class-150 (Non Modular) brick work in 1:4 cement and Coarse sand mortar in superstructure for wall thickness 12cm . and below add extra. (Sl. No. 305 + 310A)							
A	Second, Third & Fourth Floor	3	1	171.68	0.115	3.20	189.53	Cum
					TOTAL		189.53	Cum
	Deduction							
	Door							
	Second, Third & Fourth Floor							
	D3	3	-16	0.75	0.115	2.40	-9.94	Cum
	Ventilator							
	Second, Third & Fourth Floor							
	V1	3	-16	0.60	0.23	1.20	-7.95	Cum
					TOTAL		-17.88	Cum
					G. TOTAL		171.65	Cum
16	Ant termite treatment of soil under floors using chemical emulsion @ liter per hole, 330 mm apart @ 100 nos., holes per 9.00 sqm. including drilling 12 mm diameter holes and plugging also to match the floor properly.							
	With chlorphos/Lindane E.C. 20% with 1% concentration. (Sl. No. New)							
	Plinth Area	1	1	27.81	26.06	---	724.73	Sqm
					TOTAL		724.73	Sqm
17	UPVC Door Window Work							
	Providing & fixing UPVC door & window with 4 Mm thick Glass & all fittings & hardwares. (Sl. No. Analysis)							
	Door							
	Basement Floor							
	D1	1	3	1.50	---	2.40	10.80	Sqm
	D2	1	4	1.00	---	2.40	9.60	Sqm
	Ground Floor							
	D1	1	6	1.80	---	2.40	25.92	Sqm
	D2	1	5	1.00	---	2.40	12.00	Sqm
	D3	1	5	0.75	---	2.40	9.00	Sqm
	First Floor							
	D1	1	6	1.80	---	2.40	25.92	Sqm
	D2	1	5	1.00	---	2.40	12.00	Sqm
	D3	1	5	0.75	---	2.40	9.00	Sqm

	Second, Third & Fourth Floor							
	D1	3	10	1.50	---	2.40	108.00	Sqm
	D2	3	22	1.00	---	2.40	158.40	Sqm
	D3	3	16	0.75	---	2.40	86.40	Sqm
	Window							
	Ground Floor							
	W1	1	6	3.00	---	1.50	27.00	Sqm
	W2	1	3	2.10	---	1.50	9.45	Sqm
	W3	1	5	1.20	---	1.50	9.00	Sqm
	First Floor							
	W1	1	6	3.00	---	1.50	27.00	Sqm
	W2	1	3	2.10	---	1.50	9.45	Sqm
	W3	1	5	1.20	---	1.50	9.00	Sqm
	Second, Third & Fourth Floor							
	W1	3	19	2.40	---	1.50	205.20	Sqm
	Ventilator							
	Basement							
	V1	1	16	2.40	---	0.60	23.04	Sqm
	Ground Floor							
	V1	1	2	0.90	---	0.60	1.08	Sqm
	First Floor							
	V1	1	2	0.90	---	0.60	1.08	Sqm
								Sqm
	Second, Third & Fourth Floor							
	V1	3	16	0.60	---	1.20	34.56	Sqm
						TOTAL	822.90	Cum
18	Mild steel and iron work of small size and section such as holding down Bolts, hold fasts, tierods, grating, etc. (When not included in and over all rates) brought to required form including supply of steel and its wastage including cost of bolts, nuts if required for proper completion of work including fabrication of holes in door chaukhats and nosing. (Sl. No. 502)							
	Fabrication of grills / staircase railing.							
	Window							
	Ground Floor							
	W1	1	6	3.00	---	1.50	27.00	Sqm
	W2	1	3	2.10	---	1.50	9.45	Sqm
	W3	1	5	1.20	---	1.50	9.00	Sqm
	First Floor							
	W1	1	6	3.00	---	1.50	27.00	Sqm
	W2	1	3	2.10	---	1.50	9.45	Sqm
	W3	1	5	1.20	---	1.50	9.00	Sqm
	Second, Third & Fourth Floor							
	W1	3	19	2.40	---	1.50	205.20	Sqm
	Ventilator							

	Basement							
	V1	1	16	2.40	---	0.60	23.04	Sqm
	Ground Floor							
	V1	1	2	0.90	---	0.60	1.08	Sqm
	First Floor							
	V1	1	2	0.90	---	0.60	1.08	Sqm
								Sqm
	Second, Third & Fourth Floor							
	V1	3	16	0.60	---	1.20	34.56	Sqm
	Stairs Railing	6	2	10.96	---	0.90	118.37	Sqm
					TOTAL		474.23	Sqm
	Weight of M.S. Grill		474.23	@	25.00		11855.70	Kg.
	Flooring							
19	Providing and laying Vitrified tiles in floor of 500x500mm sizes (thickness 10mm), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in desired colours and shades, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, including grouting of joints. (Sl. No. New)							
	Ground Floor							
	Toilet He	1	1	1.83	4.50	---	8.24	Sqm
	Toilet She	1	1	3.51	1.61	---	5.65	Sqm
	First Floor							
	Toilet	1	1	5.18	3.24	---	16.78	Sqm
	Second, Third & Fourth Floor							
	Toilet	3	16	1.94	2.63	---	244.91	Sqm
					TOTAL		275.57	Sqm
20	Supply of fixing 6mm (1/4") thick china white glazed tile in flooring or dado laid with 1:3 cement and approved coarse sand mortar finished with white cement jointed and polishing complete including supply of all materials, labour for proper completion of the work. (Sl. No.628)							
	Ground Floor							
	Toilet He	1	1	12.66	---	3.50	44.31	Sqm
	Toilet She	1	1	10.26	---	3.50	35.91	Sqm
	First Floor							
	Toilet	1	1	16.84	---	3.50	58.94	Sqm
	Second, Third & Fourth Floor							
	Toilet	4	14	9.14	---	3.50	1791.44	Sqm
					TOTAL		1930.60	Sqm

21	Providing and Laying 25mm Italian stone flooring over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid over jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete.e (Sl. No.New Item)							
	Basement Floor	1	1	27.81	26.06	---	724.73	Sqm
	Ground, First, Second Third & Fourth Floor	5	1	30.81	29.06	---	4476.69	Sqm
						TOTAL	5201.42	Sqm
	Deduction							
	Floor Tile						275.57	Sqm
						TOTAL	275.57	Sqm
						NET TOTAL	4925.85	Sqm
22	Italian stone slab 20mm thick in risers of steps, skirting dado and pillars laid on 10mm thick cement mortar 1:3 (1 cement : 3 coarse sand) jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (Sl. No.New)						492.58	Sqm
						TOTAL	492.58	Sqm
	FINISHING WORKS:-							
23	15mm thick Cement plaster in single coat on rough side of single or half brick wall for interior plastering upto floor to level including internal rounded angles chamfers, and rounded angles not exceeding 80mm. In girth and finished even and smooth. (Sl. No.583)							
	(iii) 1 cement : 6 coarse sand							
A	Baasement	1	2	123.91	---	3.65	904.54	Sqm
B	Ground Floor	1	2	215.49	---	3.65	1573.08	Sqm
C	First Floor	1	2	215.49	---	3.65	1573.08	Sqm
D	First, Second, Third & Fourth Floor	3	2	428.93	---	3.65	9393.57	Sqm
E	Parapet Wall	1	2	107.75	---	1.05	226.28	Sqm
						TOTAL	13670.54	Sqm
	Deduction							
	Door							
	Basement Floor							
	D1	2	-3	1.50	---	2.40	-21.60	Sqm
	D2	2	-4	1.00	---	2.40	-19.20	Sqm
	Ground Floor							
	D1	2	-6	1.80	---	2.40	-51.84	Sqm
	D2	2	-5	1.00	---	2.40	-24.00	Sqm
	D3	2	-5	0.75	---	2.40	-18.00	Sqm
	First Floor							
	D1	2	-6	1.80	---	2.40	-51.84	Sqm
	D2	2	-5	1.00	---	2.40	-24.00	Sqm
	D3	2	-5	0.75	---	2.40	-18.00	Sqm
	Second, Third & Fourth Floor							
	D1	6	-10	1.50	---	2.40	-216.00	Sqm
	D2	6	-22	1.00	---	2.40	-316.80	Sqm
	D3	6	-16	0.75	---	2.40	-172.80	Sqm

	Window							
	Ground Floor							
	W1	2	-6	3.00	---	1.50	-54.00	Sqm
	W2	2	-3	2.10	---	1.50	-18.90	Sqm
	W3	2	-5	1.20	---	1.50	-18.00	Sqm
	First Floor							
	W1	2	-6	3.00	---	1.50	-54.00	Sqm
	W2	2	-3	2.10	---	1.50	-18.90	Sqm
	W3	2	-5	1.20	---	1.50	-18.00	Sqm
	Second, Third & Fourth Floor							
	W1	6	-19	2.40	---	1.50	-410.40	Sqm
	Ventilator							
	Basement							
	V1	2	-16	2.40	---	0.60	-46.08	Sqm
	Ground Floor							
	V1	2	-2	0.90	---	0.60	-2.16	Sqm
	First Floor							
	V1	2	-2	0.90	---	0.60	-2.16	Sqm
	Second, Third & Fourth Floor							
	V1	6	-16	0.60	---	1.20	-69.12	Sqm
						TOTAL	-1645.80	Sqm
						GRAND TOTAL	12024.74	Sqm
24	6mm thick plastering on ceilings and soffits of stairs upto floor two level instead of plastering in walls. (Sl. No.)							
	1 cement : 3 fine sand (Not Less than in 1.25FM)							
A	Basement Floor	1	1	27.81	26.06	---	724.73	Sqm
B	Ground, First, Second Third & Fourth Floor	5	1	30.81	29.06	---	4476.69	Sqm
						TOTAL	5201.42	Sqm
25	Distempering (two coat) with oil bound distemper of approved brand and manufacture and of required shade on undercoated wall surface to give an even shade over & including a priming coat with cement primer of approved brand and manufacture such as Berger, J&N, Shalimar, Asian, paints after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even with plaster of approved synthetic material and sand papered smooth including cost of all materials. (Sl. No. 649 + 650)							
	Internal Plaster						12024.74	Sqm
	Ceiling Plaster						5201.42	Sqm
						TOTAL	17226.16	Sqm
	Deduction							
	Wall Tile						1930.60	Sqm
						TOTAL	15295.56	Sqm

26	Finishing walls with Putty approved brand and manufacture and of required shade and undacorated wall surface to give even shade over including curing and cost of all material, labour, T&P etc. required for proper completion of work. (SI. No. New)							
	same as above item						15295.56	Sqm
						TOTAL	15295.56	Sqm
27	Painting two coat over priming coat (but including cost of priming coat) on steel and other metal surfaces upto 10cm width or girth or small articles not exceeding 0.10 Sq.M. in area with superior synthetic enamel such as Luxol 3, Hi gloss Apcolite, Superlac, Dulux specified brushing to give and even shade and including the cleaning the surface of all dirt, dust and other foreign matter sand papering and scrapping including cost of all materials, labour, tools and plants etc. required for proper completion of work. (SI. No. New+New+642)							
	M.S. Grill		2.00		474.23		948.46	Sqm
						TOTAL	948.46	Sqm
28	P/L integral cement based water proofing treatment BIRCK KOBA including preparation of surface as required for treatment of roofs, consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS. 2645 including adjoining walls upto 300 mm height. (b) Laying brick bats with mortar with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 to required slope including rounding of junctions of walls and slabs (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with water proofing compound conforming sectionsof size 80 mm x 26 mm x 51 mm provided across the intermediatechannel at a spacing of 475 mm c/c, at bottom which shall be fixed by G.I connecting clips of 2.64 mm diameter at junctions. Theceiling channels shall be provided with a minimum overlap of 50mm at joints and fixed to the perimeter channels using metal screwsat ends. The works shall be carried out as per the manufacturer's167 Sqmt6 specifications using cold rolled Gypsteel Ultra sections and Gypsumboards manufactured by Gypsum India Ltd.							
		1	1	30.81	29.06	---	895.34	Sqm
						TOTAL	895.34	Sqm.

29	Supply and fixing of 10cm. Internal dia A.C. down pipes complete with roseheads, bends M.S. clamps 2.5cm x 3mm. Fixed to wall by 15cm. Long 6mm dia nails and including repairs of plaster pointing etc. if damaged during fixing of the pipes including cost of all materials, labours, tools and plant etc. required for proper completion of work. (Sl. No. 730)							
		1	20	---	---	18.00	360.00	R.M.
					TOTAL		360.00	R.M.
30	Providing and fixing false ceiling with 12.50 mm thick plain gypsum boards: 6 Providing, fixing and finishing two level false ceiling (Tentative levels of the first and second levels of finished false ceiling soffits may be 450 mm and 750 mm below the roof slab) using 12.50 mm thick plain gypsum boards of M/s. Saint Gobain or approved equivalent, fixed to the suspended grid, fabricated and fixed to the soffit of roof / beams and wall using - Gypsteel Ultra ceiling sections- perimeter channels of size 20 mm x 28 mm x 30 mm fixed to the wall using metal screws and nylon sleeves recommended by the manufacturer at a spacing not exceeding 600 mm c/c, intermediate channels of size 15 mm x 45 mm x 15 mm at a spacing not exceeding 1200 mm c/c suspended using ceiling angles of size 25mm x 10 mm and appropriate length, fixed to the soffit of R.C.C beams / slabs using G.I soffit cleats of size 27 mm x 37mm x 25 mm x 1.6 mm and metal expansion fasteners of 38 mm x 12 mm diameter at a spacing not exceeding 1200 mm c/c, ceiling sections of size 80 mm x 26 mm x 51 mm provided across the intermediate channel at a spacing of 475 mm c/c, at bottom which shall be fixed by G.I connecting clips of 2.64 mm diameter at junctions. The ceiling channels shall be provided with a minimum overlap of 50mm at joints and fixed to the perimeter channels using metal screws at ends. The works shall be carried out as per the manufacturer's specifications using cold rolled Gypsteel Ultra							
A	Basement Floor	1	1	27.81	26.06	---	724.73	Sqm
B	Ground, First, Second Third & Fourth Floor	5	1	27.81	26.06	---	3623.64	Sqm
					TOTAL		4348.37	Sqm

STORM WATER DRAIN

Analysis for 300x300 MM Drain for 1.0 M

S. No.	Items	No.		L	B	H / D	Qty.	Unit	Rate	Amount
1	Excavation in foundation in ordinary soil (Loam, Clay or Sand) Including lift upto 1.50 m and lead upto 30m and including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer In-charge upto a distance of 30m from the foundation trenches.									
	251 Page no 15 Chapter No.CH 4, Item No. 4.01	1	1	1.00	0.81	0.45	0.36			
							0.36	Cum	130.00	46.80
2	Providing and laying cement concrete in 1:5:10 (1 Cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and curing complete, Including cost of form work. in Foundation and floors. (Fine sand not less than in 1.25 FM)									
	274 Page no 16 Chapter No.CH 5, Item No. 2.	1	1	1.00	0.81	0.10	0.08			
							0.08	Cum	3900.00	312.00
3	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in foundation and plinth including supply of all materials, labour and T&P etc. required for proper completion of the work.									
	303 Page no 18 Chapter No. CH 6, Item No. 1	1	2	1.00	0.23	0.30	0.14			
							0.14	Cum	4500.00	630.00

[illegible]

SEWERAGE SYSTEM

Analysis of Rates for 350mm Dia. RCC Hume Pipe NP-3 Type

Supplying, Laying & Jointing with 1:2 cement coarse sand of S.W.R. Pipe with 1:2:4 cement coarse sand, stone grit 20 mm guage shaddle piller in proper including E/W in excavation all complete 150 mm dia. For 1 Rmt.

S. No.	Items	No.	L	B	H / D	Qty.	Unit	Rate	Amount
(A)									
1	Cost of RCC Hume Pipe 350 mm Dia.	1	1	---	---	1.00	RM	1099.00	1099.00
	CH. 1 Extra Item SI No. 31 Page No. 9								
(B)									
1	Earth work in excavation for laying Sewer line	1 x 1	1.0x0.60x(0.60+1.50)/2			0.63	Cum	130.00	81.90
	251 Page no 15 Chapter No.CH 4, Item No. 4.01, 4.1.1								
2	Cost of Shaddle (1:2:4) Mix								
(a)	Providing & laying cement concrete with 40 mm stone ballast, fine sand and cement in porportion of 1:4:8 in foundation and under floors including supply of all materials, labour and T&P etc required for proper completion of work S.I. No. - 275 Page No. 16, Item No. 3, Chapter No. 5	1	1	0.50	0.15	0.075	Cum	4300.00	322.50
(b)	Providing & laying cement concrete work in of 1:2:4 labour and T&P etc required for proper completion of work. S.I. No. - 283 Page No. 16, Item No. 10, Chapter No. 5								
		1	1	0.5	0.35	0.18	Cum		
		1	3.14x0.175x0.175			-0.10			
						0.08	Cum	7100.00	568.00
3	Cartage laying and proper jointing cartage of pipe and site stocking distance in (90)m.								
4	Labour								
a	Mistri	Nos				0.05	Per day	450.00	20.70
b	Mason	Nos				0.13	Per day	400.00	50.00
c	Mazdoor	Nos				0.25	Per day	300.00	75.00
d	Bhisti	Nos				0.06	Per day	320.00	19.84
e	Chaukidar	Nos				0.09	Per day	310.00	27.90

Total carting laying etc. work									1165.84
Testing, sundries T & P M/c	L.S. 10 % of Labour								116.584
Total									1282.42
Total (A + B)									2381.42
Cost of per R.M. 2381.00									

**Analysis of Rate for Construction of Rectangular manhole size
600 x 600 x 450 (mm)**

S. No.	Description of Work	No.	Legnth (m)	Width (m)	Height (m)	Qty.	Unit	Rate	Amount (in Rs.)
A									
1	Excavation in foundation in ordinary soil (Loam, Clay or Sand) Including lift upto 1.50 m and lead upto 30m and including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer In-charge upto a distance of 30m from the foundation trenches. 251 Page no 15 Chapter No.CH 4, Item No. 4.01, 4.1.1	1	1.26	1.26	0.625	0.99	Cum	130.00	128.70
2	Providing and laying cement concrete in 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) and curing complete, Including cost of form work. in Foundation and floors.. S.I. NO. 281 Page no 16 Chapter No. CH 5 Item No. 4 , 4.1.8	1	1.26	1.26	0.1	0.16	Cum	5100.00	816.00

3	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in foundation and plinth including supply of all materials, labour and T&P etc. required for proper completion of the work. 1:3 cement and coarse sand mortar. 307 Page no 18 Chapter No.CH 6, Item No. 5								
	Long Wall	2	1.06	0.23	0.45	0.22	Cum		
	Short Wall	2	0.6	0.23	0.45	0.12	Cum		
						0.34	Cum	4950.00	1683.00
4	Providing and laying cement concrete in 1:2:4 of not less than strength of M-150 Stone ballast (40 mm nominal size) approved coarse sand and cement, curing complete, Including cost of form work. In Foundation and floors. S.I. NO.279 Page no 16 Chapter No. CH 5 Item No. 7 , 4.1.4								
	Bottom Concrete	1	0.6	0.6	0.075	0.027	Cum	5800.00	156.60
5	15mm thick Cement plaster in single coat on rough side of single or half brick wall for interior plastering upto floor to level including internal rounded angles chamfers, and rounded angles not exceeding 80mm. In girth and finished even and smooth. (V) 1 cement : 6 fine sand (Not Less than in 1.25FM) 583 Page no 32 Chapter No. CH 13 Item No. 2								
	Long Wall	2	1.06	----	0.375	0.80	Sqm		
	Short Wall	2	0.6	----	0.375	0.45	Sqm		
						1.25	Sqm	135.00	168.75

[illegible]

[illegible]

ELECTRIFI- CATION

**INTERNAL
ELECTRIFICATION 12.5 %
ON TOTAL AMOUNT
&
OUTER ELECTRIFICATION
5.00 % ON TOTAL AMOUNT**

DRAWINGS