

Nitin Shrimali & Associates														
Architect & Interior Designer, House No. 20, Old Palasia, Indore ,M.94250-57800 , Email : Office@nitinshrimali.com														
DETAIL ESTIMATE														
NAME OF PROJECT:-COMMERCIAL CUM RESIDENTIAL COMPLEX														
Name of Work :- CIVIL WORK														
SR. No.	S.O.R/Chapter No. /Item No.	Item Name	Description	Nos.		L	B	D/H	Qty	Unit	Rate	Amount in Rs.		
				N1	N2									
1	2.6	Excavation soil	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil.											
				Excavation	1	1	3267.00	AREA	8.30	27116.10	Cum			
				UNDER GROUND WATER TANK	1	1	170.00	AREA	3.55	603.50	Cum			
			LIFT WELL	3	1	8.50	5.80	1.50	221.85	Cum				
			Sump Well	2	1	5.60	5.60	1.50	94.08	Cum				
									28035.53	Cum	₹ 147.00	₹ 41,21,223		
2	2.23	Extra for under water and foul position	Extra rates for quantities of works, executed:											
(i)	2.23.1	Under Water	In or under water and/or liquid mud,inclusing pumping out water as required.											
		Note: -	The extra percentage rate is applicable in respect of each item but limited to quantities of work executed in these difficult conditions. The unit, namely, meter depth,to be considered for payment, shall be the depth measured from the sub soil water level up to the centre of gravity of the qty executed in difficult condition. The depth shall be reckoned correct to 0.10m, 0.05m or more shall be taken as 0.10m and less than 0.05m ignored.								Metre depth 20%			
			20% of exexcavation						5607.11	Cum	₹ 29.40	₹ 1,64,849		
3	1.1	Transportation by mechanical means	Transportation by mechanical transport including unloading and stacking.											
	1.1.1	Moorum	Lime, moorum, building rubbish 25 % OF EXCAVATION QUANTITY						1401.78					
									1401.78	Cum	₹ 139.46	₹ 1,95,492		
4	2.24	Filling available excavated earth	Filling available excavated earth (excluding hard rock /Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth,consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.											
			Total excavated earth Qty.						28035.53	Cum				
			P.C.C.	-1	1	3135.00	AREA sq.m.	0.15	-470.25	Cum				
			P.C.C WATER TANK	-1	1	195.00	AREA sq.m.	0.10	-19.50	Cum				
			LIFT PIT P.C.C.	-3	1	8.10	5.60	0.10	-13.61	Cum				
			Sump Well	-2	1	5.20	5.20	0.10	-5.41	Cum				
			RAFT											

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			(iii) Finishing top with stone aggregate of 10mm to 12mm nominal size spreading @ 8 cu dm/sqm thoroughly embedded in the 2nd layer. (with 5 years service guarantee) Using rough Kota stone									
			RAFT BOTTOM		1	3085.00	AREA		3085.00	sqm		
			RAFT OFFSET		1	381.00	PERIMETER	1.5	571.50	sqm		
			U.G. WATER TANK		1	185.00	AREA		185.00	sqm		
			SUMP WELL		2	5.60		5.6	62.72	sqm		
			LIFT PIT		3	3.90		6.3	73.71	sqm		
									3977.93	sqm	₹ 916.00	₹ 36,43,784
9	22.2	Water proofing on vertical surface, kota stone	Providing and laying integral cement based treatment for water proofing on the vertical surface by fixing specified stone slab 22 mm to 25mm thick with cement slurry mixed with water proofing compound conforming to IS:2645 in recommended proportions with a gap of 20mm (minimum) between stone slabs and the receiving surfaces and filling the gaps with neat cement slurry mixed with water proofing compound and finishing the exterior of stone slab with cement mortar 1:3 (1 cement: 3 sand) 20 mm thick with neat cement punning mixed with water proofing compound in recommended proportion complete at all levels and as directed by Engineer-in-charge (with 5 years service guarantee) Using rough Kota stone									
			RETAINING WALL		1	1	310	PERIMETER	7.65	2371.50		
			U.G. TANK WALLS		1	1	45	PERIMETER	2.95	132.75		
			LIFT WALL		3	1	16.3		2.00	97.80		
			SUMP WALL		2	1	6		2.00	24.00		
									2626.05	Sqm	₹ 1,013.00	₹ 26,60,189
10	2.27	Under floor filling	Supplying and filling in plinth under floors including watering ramming consolidating in layers not exceeding 20cm in depth and dressing complete.									
	2.27.1	Hard muram hard copra	With hard muram having CBR >12 % at under floors including watering, ramming and compacting (minimum compaction 95% of MDD) in layers not exceeding 20cm in thickness and dressing complete. (Note:- maximum thickness of this layer to be provided shall be 30cm).									
			Under Floor		1	1	3085.00	AREA	0.40	1234.00	Cum	
			Below Ramp		1	1	30.00	AREA	1.50	45.00	Cum	
									1279.00	Cum	₹ 393.00	₹ 5,02,647
11	4.27	Dewatering by Trimix process	Labour charge for Trimix vacuum dewatering process for concrete and cost of fixing, removing of "C" Channel formwork including using vacuum dewatering machine machine finished as directed including light brooming and curing including making construction joint by cutting of joint of by using of concrete cutter machine.									
	4.27.1		For 100 mm thickness.									
			RAMPS		2		373.00	AREA		746.00		
									746.00	Sqm	₹ 115.00	₹ 85,790
	4.27.2		For 150 mm thickness.									
			1 BASEMENT FLOOR AREA		1		2108.00	AREA		2108.00		
			2 BASEMENT FLOOR AREA		1		2108.00	AREA		2108.00		
			SERVICE FLOOR AREA		1		1840.00	AREA		1840.00		
									6056.00	Sqm	₹ 121.00	₹ 7,32,776

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
12	16.18	Precast R.C.C. perforated drain covers	Providing and fixing factory made precast RCC perforated drain covers, having concrete of strength not less than M-25, of size 1000 x 450x50 mm, reinforced with 8 mm dia four no longitudinal and 9 nos cross sectional T.M.T. Hoop bars, including providing 50 mm dia perforations @ 100 to 125 mm c/c, including providing edge binding with M.S. flats of size 50 mm x 1.6 mm complete, all as per direction of Engineer-in- Charge.									
			Quantity						500.00	each	₹ 959.00	₹ 4,79,500
13	5.30	RMC	Providing and laying in position ready mixed concrete (RMC) of M-20 grade for reinforced cement concrete work, using cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering, shuttering, finishing and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate / retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Note: Minimum cement content is @ 320 kg/cum. (No extra payment for using extra cement as per requirement of mix design.)									
a)	5.30.1	Upto plinth	All works up to plinth level.									
			RAFT									
			Raft R.C.C	1	1	3085.00	sqm	1.20	3702.00	Cum		
			U.G TANK RAFT	1	1	185.00	sqm	0.50	92.50	Cum		
			Lift Room									
			LIFT PIT	1	1	5.30	2.90	0.60	9.22	Cum		
			Lift wall ABOVE BASEMENT FLOOR TO GF	1	9	3.00	0.20	7.65	41.31	Cum		
			RETAINING WALL- 400MM THICK	1	1	250	0.40	7.45	745.00	Cum		
			C1 Retaining wall column	1	61	0.30	0.50	7.45	68.17	Cum		
			C2 building column	1	45	0.75	0.75	7.65	193.64	Cum		
			C3 building column	1	20	0.40	0.75	7.65	45.90	Cum		
			Beam at 2 Basement roof level									
			1-Ver. and Hor. Beam	1	12	6.75	0.40	0.60	19.44	0		
			2-Ver. and Hor. Beam	1	92	6.75	0.30	0.60	111.78	Cum		
			3-Ver. and Hor. Beam	1	11	2.20	0.30	0.50	3.63	Cum		
			4-Ver. and Hor. Beam	1	18	2.20	0.20	0.50	3.96	Cum		
			Basement FLOOR Slab	1	1	2660.00	sqm.	0.15	399.00	Cum		
			1 Basement ROOF Slab	1	1	2388.00	sqm.	0.15	358.20	Cum		
			RAMP SLAB	1	1	272.00	sqm.	0.15	40.80	Cum		
			WATER TANK ROOF SLAB	1	1	160.00	sqm.	0.20	32.00	Cum		
			UNDER GROUND WATER TANK FOR COMMERCIAL AND RESIDENTIAL BLOCK									
			1-Ver. and Hor. WALL	1	1	43.00	0.30	2.90	37.41	Cum		
			2-Ver. and Hor. WALL	1	3	6.00	0.30	2.90	15.66	Cum		
			TOP SLAB	1	1	185.00	sqm	0.20	37.00	Cum		
			SUMP WELL									
			WALL	2	4	3.60	0.60	2.20	38.02	Cum		
			TOP SLAB	2	1	2.60	2.60	0.20	2.70	Cum		
			C.C.(FOOTPATH)	1	1	1390.00	SQM.	0.20	278.00	Cum		
			Beam at 1 Basement roof (Ground floor level)									
			1-Ver. and Hor. Beam	1	12	6.75	0.40	0.60	19.44	kg		
			2-Ver. and Hor. Beam	1	88	6.75	0.30	0.60	106.92	kg		
			3-Ver. and Hor. Beam	1	11	2.20	0.30	0.50	3.63	kg		
			4-Ver. and Hor. Beam	1	18	2.20	0.20	0.50	3.96	kg		
			Basement FLOOR Slab	1	1	2388.00	sqm.	0.15	358.20	Cum		
			RAMP SLAB	1	1	346.00	sqm.	0.15	51.90	Cum		

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description			Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
										6819.39	Cum	₹ 6,332.00	₹ 4,31,80,378
b)	5.30.2	Upto floor V level	All works above plinth level and upto floor V level.										
			Lift RCC Wall										
			Lift wall (ground to service floor)		1	9	2.80	0.30	15.60	117.94	Cum		
			Lift wall (Service floor to ninth floor)		1	6	2.80	0.30	21.30	107.35	Cum		
			Ground Floor to first Floor Roof (second floor lvl)										
			BOUNDARY COLUMN C2		1	36	0.30	0.30	3.00	9.72	Cum		
			BOUNDARY WALL BEAM		1	1	327.70	0.20	0.30	19.66	Cum		
			C2 building column		1	45	0.75	0.75	8.85	224.02	Cum		
			C3 building column		1	18	0.40	0.75	8.85	47.79	Cum		
			Hor. Beam	2	1	2	13.75	0.60	0.75	24.75	Cum		
			1-Ver. and Hor. Beam	2	1	20	6.75	0.40	0.60	64.80	Cum		
			2-Ver. and Hor. Beam	2	1	86	6.75	0.30	0.60	208.98	Cum		
			3-Ver. and Hor. Beam	2	1	8	2.20	0.20	0.60	4.22	Cum		
			4-Ver. and Hor. Beam	2	1	18	2.20	0.20	0.50	7.92	Cum		
			Mezzanine Slab		1	1	500.00	area	0.15	75.00	Cum		
			GROUND FLOOR Roof & FIRST Floor ROOF Slab	2	1	1	2130.00	sqm.	0.15	639.00	Cum		
			Lintel beam		1	1	250.00	0.20	0.20	50.00	Cum		
			Second floor to service floor										
			C2 building column		1	45	0.75	0.75	3.90	98.72	Cum		
			C3 building column		1	13	0.40	0.75	3.90	15.21	Cum		
			second floor Roof Slab		1	1	2130.00	area	0.15	319.50	Cum		
			Hor. Beam		1	3	13.75	0.60	0.75	18.56	Cum		
			1-Ver. and Hor. Beam		1	14	6.75	0.40	0.60	22.68	Cum		
			2-Ver. and Hor. Beam		1	84	6.75	0.30	0.60	102.06	Cum		
			3-Ver. and Hor. Beam		1	6	6.50	0.20	0.60	4.68	Cum		
			4-Ver. and Hor. Beam		1	16	2.20	0.20	0.50	3.52	Cum		
			Lintel beam		1	1	250.00	0.20	0.20	10.00	Cum		
			Service floor to PODIUM - 3RD FLOOR (service floor roof)										
			C2 building column		1	45	0.75	0.75	2.85	72.14	Cum		
			C3 building column		1	13	0.40	0.75	2.85	11.12	Cum		
			Hor. Beam		1	7	13.75	0.60	0.75	43.31	Cum		
			1-Ver. and Hor. Beam		1	110	6.75	0.30	0.60	133.65	Cum		
			2-Ver. and Hor. Beam		1	46	6.00	0.20	0.60	33.12	Cum		
			3-Ver. and Hor. Beam		1	30	3.00	0.20	0.60	10.80	Cum		
			4-Ver. and Hor. Beam		1	52	9.50	0.20	0.50	49.40	Cum		
			Service floor Roof Slab		1	1	2490.00	area	0.15	373.50	Cum		
			Lintel beam		1	1	60.00	0.20	0.20	2.40	Cum		
			Third (podium)Floor to Forth Floor Roof level										
			C2 building column		1	8	0.40	0.75	3.30	7.92	Cum		
			C3 building column		1	48	0.30	0.75	3.30	35.64	Cum		
			1-Ver. and Hor. Beam		1	106	6.75	0.30	0.60	128.79	Cum		
			2-Ver. and Hor. Beam		1	46	6.00	0.20	0.60	33.12	0		
			3-Ver. and Hor. Beam		1	30	3.00	0.20	0.60	10.80	kg		
			4-Ver. and Hor. Beam		1	52	9.50	0.20	0.50	49.40	kg		
			podium (third floor)Roof Slab		1	1	1850.00	area	0.15	277.50	Cum		
			Lintel beam		1	1	1575.50	0.20	0.20	63.02	Cum		
			Forth Floor Roof to Ninth Floor Roof (TERRACE LVL)										
			C2 building column	6	1	8	0.40	0.75	3.00	43.20	Cum		
			C3 building column	6	1	48	0.30	0.75	3.00	194.40	Cum		
			1-Ver. and Hor. Beam	6	1	106	7.20	0.30	0.60	824.26	0		
			2-Ver. and Hor. Beam	6	1	46	6.40	0.20	0.60	211.97	Cum		
			3-Ver. and Hor. Beam	6	1	30	3.00	0.20	0.60	64.80	Cum		
			4-Ver. and Hor. Beam	6	1	52	9.50	0.20	0.50	296.40	0		
			Roof Slab	6	1	1	1850.00	area	0.15	1665.00	Cum		
			Lintel beam	6	1	1	1575.00	0.20	0.20	378.00	Cum		
			MUMTY 1										
			C3 building column		1	8	0.30	0.60	3.00	4.32	Cum		

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.		L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			LINTEL 200MM THICK		1	1	50	0.20	0.20	2.00	Cum		
			1-Ver. and Hor. Beam		1	8	7.20	0.30	0.60	10.37	Cum		
			2-Ver. and Hor. Beam		1	6	3.00	0.20	0.50	1.80	Cum		
			Roof Slab		1	1	125.00	area	0.15	18.75	Cum		
			MUMTY-2										
			C1		1	6	0.30	0.60	3.00	3.24	Cum		
			LINTEL 200MM THICK		1	1	40	0.20	0.20	1.60	Cum		
			1-Ver. and Hor. Beam		1	6	6.80	0.30	0.60	7.34	Cum		
			2-Ver. and Hor. Beam		1	8	3.00	0.20	0.50	2.40	Cum		
			Roof Slab		1	1	115.00	area	0.15	17.25	Cum		
			Lift Room										
			Slab		1	2	6.00	4.00	0.15	7.20	Cum		
			STAIRCASE										
			STAIR-1 BASEMENT 2 TO GROUND								Cum		
			WAIST SLAB	2	2	1	6.9	1.8	0.15	7.45	Cum		
			RISER	2	2	23	1.8	0.02	AREA	3.31	Cum		
			LANDING	2	2	2	1.80	1.80	0.15	3.89	Cum		
			STAIR-2 GROUND TO FIRST								Cum		
			WAIST SLAB		3	1	6.9	1.8	0.15	5.59	Cum		
			RISER		3	33	1.8	0.02	AREA	3.56	Cum		
			LANDING		3	2	1.80	1.80	0.15	2.92	Cum		
			STAIR-3 FIRST TO SERVICE FLOOR								Cum		
			WAIST SLAB	2	3	1	6.9	1.8	0.15	11.18	Cum		
			RISER	2	3	26	1.8	0.02		5.62	Cum		
			LANDING	2	3	2	1.80	1.80	0.15	5.83	Cum		
			STAIR-4 SERVICE TO PODIUM FLOOR								Cum		
			WAIST SLAB		3	1	6.9	1.8	0.15	5.59	Cum		
			RISER		3	20	1.8	0.02		2.16	Cum		
			LANDING		3	1	1.80	4.90	0.15	3.97	Cum		
			STAIR-5 PODIUM to FOURTH FLOOR								Cum		
			WAIST SLAB	1	2	1	6.9	1.8	0.15	3.73	Cum		
			RISER	1	2	22	1.8	0.02		1.58	Cum		
			LANDING	1	2	1	1.80	4.90	0.15	2.65	Cum		
			STAIR-6 FOURTH TO TERRACE								Cum		
			WAIST SLAB	6	1	1	6.9	1.8	0.15	11.18	Cum		
			RISER	6	1	20	1.8	0.02		4.32	Cum		
			LANDING	6	1	1	1.80	4.90	0.15	7.94	Cum		
			COMMERCIAL BLOCK-OVER HEAD WATER TANK										
			COLUMN		1	6	0.30	0.60	1.40	1.51	Cum		
			FIRE WATER TANK										
			HOR. WALL		1	2	3.75	0.30	1.40	3.15	Cum		
			VERTICAL WALL		1	2	4.50	0.30	1.40	3.78	Cum		
			BOTTOM SLAB		1	1	4.50	4.35	0.15	2.94	Cum		
			TOP SLAB		1	1	4.50	4.35	0.15	2.94	Cum		
			DOMESTIC WATER TANK										
			HOR. WALL		1	2	1.67	0.30	1.10	1.10	Cum		
			VERTICAL WALL		1	1	4.50	0.30	1.10	1.49	Cum		
			BOTTOM SLAB		1	1	4.50	1.67	0.15	1.13	Cum		
			TOP SLAB		1	1	4.50	1.67	0.15	1.13	Cum		
			FLUSHING WATER TANK										
			HOR. WALL		1	2	1.97	0.30	1.10	1.30	Cum		
			VERTICAL WALL		1	1	4.50	0.30	1.10	1.49	Cum		
			BOTTOM SLAB		1	1	4.50	1.67	0.15	1.13	Cum		
			TOP SLAB		1	1	4.50	2.27	0.15	1.53	Cum		
			RESIDENTIAL BLOCK-OVER HEAD WATER TANK										
			COLUMN		1	6	0.30	0.60	1.00	1.08	Cum		
			DOMESTIC WATER TANK										
			HOR. WALL		1	2	4.50	0.30	1.00	2.70	Cum		
			VERTICAL WALL		1	2	4.00	0.30	1.00	2.40	Cum		
			BOTTOM SLAB		1	1	4.00	4.00	0.15	2.40	Cum		
			TOP SLAB		1	1	4.00	4.00	0.15	2.40	Cum		
			FLUSHING WATER TANK										
			HOR. WALL		1	2	3.00	0.30	1.00	1.80	Cum		
			VERTICAL WALL		1	1	4.50	0.30	1.00	1.35	Cum		
			BOTTOM SLAB		1	1	4.00	4.00	0.15	2.40	Cum		
			TOP SLAB		1	1	4.00	4.00	0.15	2.40	Cum		

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
									7421.99	Cum	₹ 6,814.00	₹ 5,05,73,460
c)	5.30.3	Extra for Additional floor	Extra for each additional floor for all works above floor five level									
			Extra for above floor six level						633.44	Cum	₹ 72.00	₹ 45,607
			Extra for above floor seven level						633.44	Cum	₹ 144.00	₹ 91,215
			Extra for above floor eight level						633.44	Cum	₹ 216.00	₹ 1,36,822
			Extra for above floor ninth level						633.44	Cum	₹ 360.00	₹ 2,28,037
			Extra for above floor (o.h.t. and tower)						76.27	Cum	₹ 576.00	₹ 43,933
14	5.28	Extra for richer BMC mix/ RMC	xtra for providing richer mixes of BMC/RMC design mix as per item no 5.27&5.30 up to plinth level and at all floor levels. (No extra payment for using extra cement as per requirement of mix design.)									
	5.28.3	M-35	Providing M-35 grade concrete instead of M20 grade. (Note: : minimum cement content is @ 350 kg/cum)						7120.69	Cum		
									7120.69	Cum	₹ 280.00	₹ 19,93,794
15	5.2	RCC in walls, columns, pillars etc	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts etc. above plinth level and upto floor two level excluding cost of centering, shuttering, finishing and reinforcement:									
	5.2.1	M-20 Grade Concrete	M-20 Grade Concrete									
			Quantity	1					15.0			
									15.0	Cum	₹ 6,231.00	₹ 93,465
16	5.3	RCC in beams, floors, staircases etc	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate)in beams, suspended floors, roofs havingslope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiralstaircases above plinth level and upto floor two level excluding the cost of centering, shuttering, finishing and reinforcement in concrete grade.									
	5.3.1	M-20	M-20 Grade Concrete						20.00			
			Quantity						20.00	Cum	₹ 6,541.00	₹ 1,30,820
17	5.5	RCC in arches, domes, shells etc.	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in arches, archribs, domes, vaults, shells, folded plate above plinth level and upto floor two level excluding the cost of centering, shuttering, finishing and reinforcement in Concrete grade.									
	5.5.1	M-20	M-20 Grade Concrete						30.00			
			Quantity						30.00	Cum	₹ 6,906.00	₹ 2,07,180
18	5.16	Reinforcement	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding upto floor level including cost of binding wire, wastage and over laps upto 12mm horizontal/ inclined position of reinforcement bars in slab and beams, plinth, chajjas, lintels, upto 4.5m vertical length of reinforcement in wall columns (over laps shall be provided as per requirement of IS : 13920; IS 456 & SP :34) etc. complete.									
	5.16.6	TMT (FE 500D or more)	Thermo-Mechanically Treated bars.FE 500 D or more conforming to IS 1786	kg								
			130 kg Steel Weight Per/Cu. M. Of R.C.C.	130	14291.38	Cum			1857879.79	Kg	₹ 80.00	₹ 14,86,30,383
			Steel for EPS panel @4.16kg/ sqm	4.16	1560.00	sqm			6489.60	Kg	₹ 80.00	₹ 5,19,168

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description	Nos.		L	B	D/H	Qty	Unit	Rate	Amount in Rs.
19	5.17	Reinforcement above floor two level	Add extra for providing reinforcement above Floor two level for every additional floor or part thereof.									
			QTY. OF ONE FLOOR = 5700/9=633.44CUMT.									
			Extra for above floor two level			633.44	area in cum		82346.68	kg	₹ 0.20	₹ 16,469
			Extra for above floor three level			633.44			82346.68	kg	₹ 0.40	₹ 32,939
			Extra for above floor four level			633.44			82346.68	kq	₹ 0.60	₹ 49,408
			Extra for above floor six level			633.44			82346.68	kq	₹ 0.80	₹ 65,877
			Extra for above floor seven level			633.44			82346.68	kg	₹ 1.00	₹ 82,347
			Extra for above floor eight level			633.44			82346.68	kg	₹ 1.20	₹ 98,816
			Extra for above floor eight level			633.44			82346.68	kq	₹ 1.40	₹ 1,15,285
			Extra for above floor(o.h.t. and tower)			95.67			12437.10	kq	₹ 1.60	₹ 19,899
20	5.9	Centering and Shuttering	Centering and shuttering including strutting, propping etc. and removal of form for:									
a)	5.9.1	Upto plinth	Foundations, footings, bases of columns, etc. for concrete upto plinth level									
			RAFT									
			Raft R.C.C	1	1	260.00	side per.	1.20	312.00	Sqm		
			C2 building column	1	45	3.00		7.65	1032.75	Sqm		
			C3 building column	1	20	2.30		7.65	351.90	Sqm		
			UNDER GROUND WATER TANK FOR COMMERCIAL AND RESIDENTIAL BLOCK									
			RAFT	1	2	68.00	side per.	0.50	68.00	Sqm		
			TOP SLAB	1	1	160.00		0.20	32.00	Sqm		
								QTY.	1796.65	Sqm	₹ 190.60	₹ 3,42,441
b)	5.9.2	Walls	Walls (any thickness) including attached pilasters butteresses, plinth beams and string courses etc.									
	5.9.2.1		Upto plinth level.									
			WALL- 400MM THICK	1	2	250.00		7.45	3725.00	Sqm		
			U.G.T. WALL	1	2	49.00		2.90	284.20	Sqm		
			Lift Room									
			Lift wall ABOVE BASEMENT FLOOR TO GF	2	9	8.00	periphery	4.30	619.20	Sqm		
			COMMERCIAL BLOCK-OVER HEAD WATER TANK									
			FIRE WATER TANK									
			HOR. WALL	2	2	3.75		1.40	21.00	Sqm		
			VERTICAL WALL	2	2	4.50		1.40	25.20	Sqm		
			DOMESTIC WATER TANK									
			HOR. WALL	2	2	1.67		1.10	7.35	Sqm		
			VERTICAL WALL	2	1	4.50		1.10	9.90	Sqm		
			FLUSHING WATER TANK									
			HOR. WALL	2	2	1.97		1.10	8.67	Sqm		
			VERTICAL WALL	2	1	4.50		1.10	9.90	Sqm		
			RESIDENTIAL BLOCK-OVER HEAD WATER TANK									
			DOMESTIC WATER TANK									
			HOR. WALL	2	2	4.50	0.30	1.00	5.40	Sqm		
			VERTICAL WALL	2	2	4.00	0.30	1.00	4.80	Sqm		
			FLUSHING WATER TANK									
			HOR. WALL	2	2	3.00	0.30	1.00	3.60	Sqm		
			VERTICAL WALL	2	1	4.50	0.30	1.00	2.70	Sqm		
			WATER BODY WALLS			65		0.9	58.5	sqm		
								QTY.	4785.42	Sqm	₹ 219.00	₹ 10,48,006
	5.9.2.2	Above plinth	Above plinth upto 3.6 m height from plinth level									
			Lift									
			Lift wall (ground to service floor)	2	9	3.10		15.6	870.48	Sqm		
			Lift wall (Service floor to ninth floor)	2	6	3.10		21.3	792.36	Sqm		
									1662.84	Sqm	₹ 330.00	₹ 5,48,737

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
	5.9.2.3	Extra for additional height in centering, shuttering	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.6 m, for every additional height of 1 metre or part thereof.									
									5000.00			
								QTY.	5000.00	Sqm	₹ 40.00	₹ 2,00,000
c)	5.9.3	Suspended floors, roofs etc	Suspended floors, roofs, landings, balconies and access platform.									
			1 Basement ROOF Slab	2	1	2388.00	(area)		2388.00	Sqm		
			Ground Floor to first Floor Roof (second floor lvl)	2	1	2130.00	(area)		4260.00	Sqm		
			Mezzanine Slab	1	1	547.60	(area)		547.60	Sqm		
			Service floor Roof Slab	1	1	2490.00	(area)		2490.00	Sqm		
7			Third Floor to Ninth Floor Roof Slab	7	1	1850.00	(area)		12950.00	Sqm		
			Slab Sides	1	1	2570	periphery		2570.00	Sqm		
			Tower Slab and Lift slab	1	1	240.00	(area)		240.00	Sqm		
			COMMERCIAL BLOCK-OVER HEAD WATER TANK		COMMER CIAL COMPLE X							
			TOP SLAB	1	1	4.50	4.35		19.58	Sqm		
			SIDES	1	2	17.70		0.15	5.31	Sqm		
			DOMESTIC WATER TANK									
			TOP SLAB	1	1	4.50	1.67		7.52	Sqm		
			SIDES	1	2	12.34		0.15	3.70	Sqm		
			FLUSHING WATER TANK									
			TOP SLAB	1	1	4.50	2.27		10.22	Sqm		
			SIDES	1	2	13.54		0.15	4.06	Sqm		
			RESIDENTIAL BLOCK-OVER HEAD WATER TANK									
			TOP SLAB	1	1	4.00	4.00		16.00	Sqm		
			SIDES	1	2	16.00		0.15	4.80	Sqm		
			FLUSHING WATER TANK									
			TOP SLAB	1	1	4.00	4.00		16.00	Sqm		
			TOP SLAB	1	2	16.00		0.15	4.80	Sqm		
			RAW WATER AND DOMESTIC WATER TANK									
			TOP SLAB	2	1	4.70	4.70		44.18	Sqm		
			SIDES	2	1	18.80		0.20	7.52	Sqm		
									25589.28	Sqm	₹ 439.60	₹ 1,12,49,047
d)	5.9.5	Lintels, Beams and Centilevers	Lintels, beams, Plinth beams, Girders, Bressumers and Cantilevers									
			BOUNDARY WALL BEAM	2	1	327.70	-	0.30	196.62	Sqm		
			Beam at 2 Basement roof level									
			1-Ver. and Hor. Beam	1	12	6.75		1.60	129.60	Sqm		
			2-Ver. and Hor. Beam	1	92	6.75		1.50	931.50	Sqm		
			3-Ver. and Hor. Beam	1	11	2.20		1.30	31.46	Sqm		
			4-Ver. and Hor. Beam	1	18	2.20		1.20	47.52	Sqm		
			Beam at 1 Basement roof (Ground floor level)									
			1-Ver. and Hor. Beam	1	12	6.75		1.60	129.60	Sqm		
			2-Ver. and Hor. Beam	1	88	6.75		1.50	891.00	Sqm		
			3-Ver. and Hor. Beam	1	11	2.2		1.30	31.46	Sqm		
			4-Ver. and Hor. Beam	1	18	2.2		1.20	47.52	Sqm		
			Ground Floor to first Floor Roof (second floor lvl)									
			Hor. Beam	2	1	2		2.10	115.50	Sqm		
			1-Ver. and Hor. Beam	2	1	20		1.60	432.00	Sqm		
			2-Ver. and Hor. Beam	2	1	86		1.50	1741.50	Sqm		
			3-Ver. and Hor. Beam	2	1	8		1.40	49.28	Sqm		
			4-Ver. and Hor. Beam	2	1	18		1.20	95.04	Sqm		
			Second floor to service floor									
			Hor. Beam	1	3	13.75		2.10	86.63	Sqm		
			1-Ver. and Hor. Beam	1	14	6.75		1.60	151.20	Sqm		

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.		L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			2-Ver. and Hor. Beam		1	84	6.75		1.50	850.50	Sqm		
			3-Ver. and Hor. Beam		1	6	6.5		1.40	54.60	Sqm		
			4-Ver. and Hor. Beam		1	16	2.2		1.20	42.24	Sqm		
			Service floor to PODIUM - 3RD FLOOR (service floor roof)										
			Hor. Beam		1	7	13.75		2.10	202.13	Sqm		
			1-Ver. and Hor. Beam		1	110	6.75		1.50	1113.75	Sqm		
			2-Ver. and Hor. Beam		1	46	6		1.40	386.40	Sqm		
			3-Ver. and Hor. Beam		1	30	3		1.40	126.00	Sqm		
			4-Ver. and Hor. Beam		1	52	9.5		1.20	592.80	Sqm		
			Third (podium)Floor to Forth Floor Roof level										
			1-Ver. and Hor. Beam		1	106	6.75		1.50	1073.25	Sqm		
			2-Ver. and Hor. Beam		1	46	6		1.40	386.40	Sqm		
			3-Ver. and Hor. Beam		1	30	3		1.40	126.00	Sqm		
			4-Ver. and Hor. Beam		1	52	9.5		1.20	592.80	Sqm		
			Forth Floor Roof to Ninth Floor Roof (TERRACE LVL)										
			1-Ver. and Hor. Beam	6	1	106	7.2		1.50	6868.80	Sqm		
			2-Ver. and Hor. Beam	6	1	46	6.4		1.40	2472.96	Sqm		
			3-Ver. and Hor. Beam	6	1	30	3		1.40	756.00	0		
			4-Ver. and Hor. Beam	6	1	52	9.5		1.20	3556.80	Sqm		
			MUMTY 1										
			1-Ver. and Hor. Beam		1	8	7.2		1.50	86.40	Sqm		
			2-Ver. and Hor. Beam		1	6	3	-	1.20	21.60	Sqm		
			MUMTY-2										
			1-Ver. and Hor. Beam		1.00	6.00	6.80		1.50	61.20	Sqm		
			2-Ver. and Hor. Beam		1.00	8.00	3.00	-	1.20	28.80	Sqm		
										24506.85	Sqm	₹ 356.00	₹ 87,24,439
e)	5.9.6	Columns	Columns, P i l l a r s , Piers, Abutments, Posts and Struts.										
			BOUNDARY COLUMN C2		1	36	1.20	-	3.00	129.60	Sqm		
			Ground Floor to first Floor Roof (second floor lvl)										
			C2 building column		1	45	3.00	-	8.85	1194.75	Sqm		
			C3 building column		1	18	2.30	-	8.85	366.39	Sqm		
			Second floor to service floor										
			C2 building column		1	45	3.00	-	3.90	526.50	Sqm		
			C3 building column		1	13	2.30	-	3.90	116.61	Sqm		
			Service floor to PODIUM - 3RD FLOOR (service floor roof)										
			C2 building column		1	45	3.00	-	2.85	384.75	Sqm		
			C3 building column		1	13	2.30	-	2.85	85.22	Sqm		
			Third (podium)Floor to Forth Floor Roof level										
			C2 building column		1	8	1.60	-	3.30	42.24	Sqm		
			C3 building column		1	48	2.10	-	3.30	332.64	Sqm		
			Forth Floor Roof to Ninth Floor Roof (TERRACE LVL)										
			C2 building column	6	1	8	1.60	-	3.00	38.40	Sqm		
			C3 building column	6	1	48	2.10	-	3.00	302.40	Sqm		
			MUMMTY 1 COLUMN		1	8	1.80	-	3.00	43.20	Sqm		
			MUMMTY 2 COLUMN		1	6	1.80	-	3.00	32.40	Sqm		
			COMMERCIAL BLOCK-OVER HEAD WATER TANK COLUMN		1	6	1.80		1.40	15.12	Sqm		
			RESIDENTIAL BLOCK-OVER HEAD WATER TANK COLUMN		1	6	1.80		1.40	15.12	Sqm		
										3625.34	Sqm	₹ 471.20	₹ 17,08,258
f)	5.9.7	Staircase	Stairs, (excluding landings) except spiral-staircases.										
			STAIRCASE										
			STAIR-1 BASEMENT 2 TO GROUND										
			WAIST SLAB	2	2	1	6.9	1.8		49.68	Sqm		
			RISER	2	2	23	1.8		0.15	24.84	Sqm		
			LANDING	2	2	2	1.80	1.80		25.92	Sqm		
			STAIR-2 GROUND TO FIRST										
			WAIST SLAB		3	1	6.9	1.8		37.26	Sqm		
			RISER		3	33	1.8		0.15	26.73	Sqm		

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.		L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			LANDING		3	2	1.80	1.80		19.44	Sqm		
			STAIR-3 FIRST TO SERVICE FLOOR										
			WAIST SLAB	2	3	1	6.9	1.8		74.52	Sqm		
			RISER	2	3	26	1.8		0.15	42.12	Sqm		
			LANDING	2	3	2	1.80	1.80		38.88	Sqm		
			STAIR-4 SERVICE TO PODIUM(THIRD) FLOOR						0.15				
			WAIST SLAB		2	1	4.8	1.8		17.28	Sqm		
			RISER		2	20	1.8		0.15	10.80	Sqm		
			LANDING		2	1	1.80	4.90		17.64	Sqm		
			STAIR-5 PODIUM TO FOURTH FLOOR						0.15				
			WAIST SLAB		2	1	5	1.8		18.00	Sqm		
			RISER		2	22	1.8		0.15	11.88	Sqm		
			LANDING		2	1	1.80	4.90		17.64	Sqm		
			STAIR-6 FOURTH TO TERRACE										
			WAIST SLAB	6	2	1	4.8	1.8		103.68	Sqm		
			RISER	6	2	20	1.8		0.15	64.80	Sqm		
			LANDING	6	2	1	1.80	4.90		105.84	Sqm		
										706.95	Sqm	₹ 435.70	₹ 3,08,018
g)	5.9.9	Arches	Arches, domes,vaults upto 6m span							200.00			
										200.00	Sqm	₹ 1,141.60	₹ 2,28,320
h)	5.9.10	Extra for arches >6m	Extra for arches, domes, vaults exceeding 6 m span										
			Quantity							200.00			
										200.00	Sqm	₹ 451.30	₹ 90,260
i)	5.9.15	Extra for circular or other geometrical shape	Extra for shuttering in circular work or any other geometrical shape (20% of respective centering and shuttering items).									20% rate of item5.9.6	
			Quantity							25.00	Sqm		
										25.00	Sqm	₹ 94.24	₹ 2,356
21	5.18	Copper plate for expansion joints	Providing and fixing in position copper plate as per design for expansion joints.										
			Quantity							200.00	Kq.	₹ 472.00	₹ 94,400
22	5.19	Blown bitumen	Providing and filling in position, blown bitumen in expansion joints.										
			Quantity							0.80	per cum	₹ 45,353.00	₹ 36,282
23	5.20	Bitumen mix filler	Providing and filling in position bitumen mix filler of Proportion 80 kg. Of hot bitumen, 1 kg. Of cement and 0.25 cubic metre of sand for expansion joints.										
			Quantity							1.00	per cum	₹ 13,863.00	₹ 13,863
24	5.21	Silicon sealant	Providing and filling gap in expansion joint between RCC/ Stone/Ceramic tiles/Granite/ Marble by providing silicon sealant over backer rod of approved quality weather sealant as per drawing and direction of engineer in charge up to 25mm width & 12 mm depth.								Per cm depth per cm width one m long.		
			Quantity							100.00		₹ 104.54	₹ 10,454
25	5.22	Bitumen impregnated fibre board	Providing and fixing in position bitumen impregnated fibre board conforming to IS: 1838 including cost of primer, sealing compound in expansion joints.										
	5.22.1	12 mm thick	12 mm thick							40.00	Sqm	₹ 402.00	₹ 16,080
	5.22.2	25 mm thick	25 mm thick							40.00	Sqm	₹ 574.00	₹ 22,960
	5.22.3	50 mm thick	50 mm thick							40.00	Sqm	₹ 674.00	₹ 26,960

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description	Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
26	5.23	Sheet cover over expansion joints	Providing and fixing sheet covering over expansion joints with iron screws as per design.								
	5.23.2	ALUMINIUM	Aluminium fluted strips 3.15mm thick.								
		150 mm wide.	150 mm wide								
			Quantity					50.00	RM	₹ 102.00	₹ 5,100
27	5.36	Expansion joints with aluminum section	Providing and sealing the retaining wall expansion Joints with anodized aluminum extruded section of 135 mm × 3.1 mm conform to alloy of 6063 T5/T6including fixing of an imported EPDM moisture Barrierconform to (American Society for Testig and Materials) 2240 & ASTM - G53 & 84 fixing with Epoxy adhesive confirm to ASTM C-881 complete in all respect as per manufacturer Drawing and specifications. With 5 year guarantee.								
			Quantity					40.00	Meter	₹ 3,234.00	₹ 1,29,360
28	5.37	Expansion joints cover	Providing and fixing sheet covering over expansion joints with iron screws as per design. Non- asbestos cement bonded particle board 6 mm thick as IS: 14276								
	5.37.1	150mm wide	150mm wide					40.00	Meter	₹ 96.00	₹ 3,840
	5.37.2	200mm wide	200mm wide					40.00	Meter	₹ 130.00	₹ 5,200
	5.37.3	250mm wide	250mm wide					40.00	Meter	₹ 160.00	₹ 6,400
29	5.39	Expansion Joint for Floor	Providing and fixing of expansion joint system related with floor location as per drawings and direction of Engineer-In- Charge. The joints system will be of extruded aluminum base members, self aligning / self centering arrangement and support plates etc. as per ASTM B221-02. The system shall be such that it provides floor to floor /floor to wall expansion control system for various vertical localtion in load application areas that accommodates multi directional seismic movement without stress to it's components. System shall consist of metal profiles with a universal aluminum base member designed to accommodate various project conditions and finish floor treatments. The cover plate shall be designed of width and thickness requiredto satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self - centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design and as approved								
			by Engineer - inCharge. (Material shall confirm to ASTM 6063).								
	5.39.1	100 mm	Floor Joint of 100 mm gap					30.00	Meter	₹ 4,857.00	₹ 1,45,710
	5.39.2	150 mm	Floor Joint of 150 mm gap					30.00	Meter	₹ 5,946.00	₹ 1,78,380
	5.39.3	200 mm	Floor Joint of 200 mm gap					30.00	Meter	₹ 7,616.00	₹ 2,28,480
30	5.40	Expansion Joint for walls	Providing and fixing of expansion joint system related with wall joint (internal/ external) location as per drawings and direction of Engineer-In- Charge. The joints shall be of extruded aluminum base members, self aligning / centering arrangement and support plates as per ASTM B221- 02. The material shall be such that it provides an Expansion Joints System suitable for vertical wall to wall/ wall to corner application, both new and								

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			existing construction in office Buildings & complexes with no slipping down tendency amongst the components of the Joint System. The Joint System shall utilize light weight aluminum profiles exhibiting minimal exposed aluminum surfaces mechanically snap locking the multicellular to facilitate movement. (Material shall confirm to ASTM 6063).									
	5.40.1	100 mm	Wall Joint of 100 mm gap						10.00	Meter	₹ 4,044.00	₹ 40,440
	5.40.2	150 mm	Wall Joint of 150 mm gap						10.00	Meter	₹ 4,552.00	₹ 45,520
	5.40.3	200 mm	Wall Joint of 200 mm gap						10.00	Meter	₹ 5,293.00	₹ 52,930
31	5.41	Expansion joint for roofs	Providing and fixing of expansion joint system of approved make and manufactures for various roof locations as per approved drawings and direction of Engineer-In- Charge. The joints shall be of extruded aluminum base members with, self aligning and self centering arrangement support plates as per ASTM B221-02. The system shall be such that it provides water tight roof to roof/roof to corner joint cover expansion control system that is capable of accommodating multidirectional seismic movement without stress to its components. System shall consist of metal profile that incorporates a universal aluminum base member designed to accommodate various project conditions and roof treatments. The cover plate shall be designed of width and thickness required to satisfy movement & loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates/moves in all directions. The Self centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement & flexure in all directions									
			including vertical displacement. The Joint System shall resist damage or deterioration from the impact of falling ice, exposure to UV, airborne contaminants and occasional foot traffic from maintenance personnel. Provision of Moisture Barrier Membrane in the Joint System to have water tight joint is mandatory requirement. (Material shall confirm to ASTM 6063.)									
		5.41.1	Roof Joint for 100 mm gap						30.00	Meter	₹ 4,509.00	₹ 1,35,270
		5.41.2	Roof Joint for 150 mm gap						30.00	Meter	₹ 5,017.00	₹ 1,50,510
		5.41.3	Roof Joint for 200 mm gap						30.00	Meter	₹ 5,950.00	₹ 1,78,500
32	6.1	Brick work with 40kg/cm2 chimney bricks up to plinth	Brick work with well burnt chimney bricks in bulls pattern trench kiln manufactured by ghol process, crushing strength not less than 40kg /cm2 and water absorption not more than 15% in foundation and plinth i/c curing etc. complete.									
	6.1.2		Cement mortar 1:6 (1 cement : 6 sand)									
			Walls	1	1	180	0.20	0.30	10.80			
									10.80	Cum	₹ 5,626.00	₹ 60,761
33	6.7	Brick work fly ash bricks in superstructure	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor two level in :									
	6.7.3	50 kg / cm2	Having 50 kg / cm2 average compressive strength.									
	6.7.3.1	CM 1:4	Cement mortar 1:4 (1 cement : 4sand)									
			Compound wall	1	1	327.70	0.2	3	196.62	Cum		

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.		L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			Basement 1 & 2	2	1	1	115	0.2	10	460.00	Cum		
			DEDUCTION D1	-2	1	4	2	0.2	2.4	-7.68	Cum		
			Ground Floor										
			HORIZONTAL WALLS										
				1	1	2	44	0.2	4.35	76.56	Cum		
				1	1	3	29	0.2	4.35	75.69	Cum		
				1	1	2	30	0.2	4.35	52.20	Cum		
				1	1	6	7.7	0.2	4.35	40.19	Cum		
				1	1	2	15	0.2	1.5	9.00	Cum		
			VERTICAL WALLS										
				1	1	16	6.8	0.2	4.35	94.66	Cum		
				1	1	10	14.2	0.2	4.35	123.54	Cum		
				1	1	16	6.8	0.2	4.35	94.66	Cum		
				1	1	16	6.8	0.2	4.35	94.66	Cum		
				1	1	2	8	0.2	4.35	13.92	Cum		
				1	1	1	36.5	0.2	4.35	31.76	Cum		
			LIFT WALL	1	1	3	6	0.2	4.35	15.66	Cum		
			Staircase 01		1	2	7.5	0.2	4.35	13.05	Cum		
			Staircase 02		1	1	8.87	0.2	4.35	7.72	Cum		
			Staircase 03		1	1	7.89	0.2	4.35	6.86	Cum		
			DEDUCTION										
			RS-1	-1	1	21	4.8	0.2	4.35	-87.70	Cum		
			RS-2	-1	1	20	2.5	0.2	4.35	-43.50	Cum		
			LIFT DOOR OPENING	-1	1	6	1	0.2	2.1	-2.52	Cum		
			D1	-1	1	4	2	0.2	2.4	-3.84	Cum		
			D2	-1	1	1	1.5	0.2	2.4	-0.72	Cum		
			D3	-1	1	2	1.2	0.2	2.4	-1.15	Cum		
			V1	-1	1	4	0.9	0.2	0.6	-0.43	Cum		
							693.66						
			First Floor & Second floor										
			HORIZONTAL WALLS										
				2	1	2	44	0.2	4.35	153.12	Cum		
				2	1	3	29	0.2	4.35	151.38	Cum		
				2	1	2	38	0.2	4.35	132.24	Cum		
				2	1	1	22.7	0.2	4.35	39.50	Cum		
				2	1	1	32	0.2	1.5	19.20	Cum		
			VERTICAL WALLS										
				2	1	16	6.8	0.2	4.35	189.31	Cum		
				2	1	8	10.5	0.2	4.35	146.16	Cum		
				2	1	1	17	0.2	4.35	29.58	Cum		
				2	1	1	28	0.2	4.35	48.72	Cum		
				2	1	6	4.1	0.2	4.35	42.80	Cum		
				2	1	1	36.5	0.2	4.35	63.51	Cum		
			LIFT WALL	2	1	3	6	0.2	4.35	31.32	Cum		
			Staircase 01		1	2	7.5	0.2	4.35	13.05	Cum		
			Staircase 02		1	1	8.87	0.2	4.35	7.72	Cum		
			Staircase 03		1	1	7.89	0.2	4.35	6.86	Cum		
							133.16						
			DEDUCTION										
			RS-1	-2	1	16	4.8	0.2	4.35	-133.63	Cum		
			RS-2	-2	1	14	2.5	0.2	4.35	-60.90	Cum		
			LIFT OPENING	-2	1	6	1	0.2	2.1	-5.04	Cum		
			FRONT GLAZING FG1	-2	1	18	4.8	0.2	4.35	-150.34	Cum		
			FRONT GLAZING FG2	-2	1	12	2.5	0.2	4.35	-52.20	Cum		
			D2	-2	1	2	1.5	0.2	2.4	-2.88	Cum		
			D3	-2	1	2	1.2	0.2	2.4	-2.30	Cum		
			V1	-2	1	4	0.9	0.2	0.6	-0.86	Cum		
			SERVICE FLOOR										
			PARAPET WALL	1	1	1	190	0.2	1	38.00	Cum		
			HORIZONTAL WALL	1	1	1	91	0.2	4.35	79.17	Cum		
			VERTICAL WALL	1	1	1	66	0.2	4.35	57.42	Cum		
			DEDUCTION D1	-1	1	8	2	0.2	2.4	-7.68	Cum		
							347						
			THIRD(PODIUM) TO NINTH FLOOR										

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.		L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			FLAT TYPE A1	7	1	1	64	0.2	2.4	215.04	Cum		
			FLAT TYPE A2	7	1	1	69	0.2	2.4	231.84	Cum		
			FLAT TYPE B1	7	1	4	54	0.2	2.4	725.76	Cum		
			FLAT TYPE B2	7	1	1	51	0.2	2.4	171.36	Cum		
			FLAT TYPE C1	7	1	2	42	0.2	2.4	282.24	Cum		
			FLAT TYPE C2	7	1	2	40	0.2	2.4	268.80	Cum		
							320						
			DEDUCTION										
			D1	-7	1	2	2.0	0.2	2.4	-13.44	Cum		
			D3	-7	1	11	1.2	0.2	2.4	-44.35	Cum		
			SD1	-7	1	10	3	0.2	2.4	-100.80	Cum		
			SD2	-7	1	13	1.8	0.2	2.4	-78.62	Cum		
			SD3	-7	1	8	1.5	0.2	2.4	-40.32	Cum		
			W1	-7	1	20	2	0.2	1.8	-100.80	Cum		
			W2	-7	1	22	1.5	0.2	1.8	-83.16	Cum		
			W3	-7	1	6	0.9	0.2	1.8	-13.61	Cum		
			V2	-7	1	40	0.75	0.2	0.6	-25.20	Cum		
			TERRACE FLOOR										
			MUMMTY-1	1	1	1	61	0.2	2.4	29.28	Cum		
			MUMMTY-2	1	1	1	49	0.2	2.4	23.52	Cum		
			PARAPET WALL	1	1	1	280	0.2	1.2	67.20	Cum		
							390						
			DEDUCTION D1	-1	1	4	2	0.2	2.4	-3.84	Cum		
			TOTAL QUANTITY							3603.32	Cum	₹ 5,158.00	₹ 1,85,85,942
34	6.11	Extra for brick work above floor two level	Extra for brick work in superstructure above floor two levels for each additional floor or part thereof respective item.										
			QTY. OF ONE FLOOR = 569.31/9=63.25CUMT.										
			Extra for above floor third level							205.00	cum	₹ 103.16	₹ 21,148
			Extra for above floor fourth level							205.00	cum	₹ 206.32	₹ 42,296
			Extra for above floor fifth level							205.00	cum	₹ 309.48	₹ 63,443
			Extra for above floor six level							205.00	cum	₹ 412.64	₹ 84,591
			Extra for above floor seven level							205.00	cum	₹ 515.80	₹ 1,05,739
			Extra for above floor eight level							205.00	cum	₹ 618.96	₹ 1,26,887
			Extra for above floor nine level							205.00	cum	₹ 722.12	₹ 1,48,035
			Extra for above floor ten level(o.h.t. and tower)							116.16	cum	₹ 825.28	₹ 95,865
35	6.12	Half brick masonry chimney 40 kg /cm2	Providing half brick masonry with well burnt chimney bricks in bull patent trench kiln manufactured by ghol process crushing strength not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level.										
	6.12.2	CM 1:4	Cement mortar 1:4 (1 cement : 4 sand)										
			GROUND FLOOR										
			(Toilet Block)Male and Female		1	1	13.5		2.4	32.4	sqm		
			FIRST AND SECOND FLOOR										
			(Toilet Block)Male and Female	2	1	1	30		2.4	72	sqm		
			DEDUCTION										
			D5	-1	1	26	0.85		2.4	-53.04	sqm		
			THIRD(PODIUM) TO NINTH FLOOR										
			FLAT TYPE A1	7	1	1	51		2.4	856.80	sqm		
			FLAT TYPE A2	7	1	1	35		2.4	588.00	sqm		
			FLAT TYPE B1	7	4	1	35		2.4	2352.00	sqm		
			FLAT TYPE B2	7	1	1	40		2.4	672.00	sqm		
			FLAT TYPE C1	7	2	1	36		2.4	1209.60	sqm		
			FLAT TYPE C2	7	2	1	35		2.4	1176.00	sqm		
			DEDUCTION										
			D4	-7	1	43	1.05		2.4	-758.52	sqm		

[illegible]

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description	Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			QTY. OF ONE FLOOR = 30353/10= 3035CUMT.								
			Extra for above floor service level					3035.00	sqm	₹ 22.00	₹ 66,770
			Extra for above floor podium level					3035.00	sqm	₹ 44.00	₹ 1,33,540
			Extra for above floor 2nd level					3035.00	sqm	₹ 66.00	₹ 2,00,310
			Extra for above floor third level					3035.00	sqm	₹ 88.00	₹ 2,67,080
			Extra for above floor fourth level					3035.00	sqm	₹ 110.00	₹ 3,33,850
			Extra for above floor fifth level					3035.00	sqm	₹ 132.00	₹ 4,00,620
			Extra for above floor six level					3035.00	sqm	₹ 154.00	₹ 4,67,390
			Extra for above floor seven level					3035.00	sqm	₹ 176.00	₹ 5,34,160
			Extra for above floor eight level					3035.00	sqm	₹ 198.00	₹ 6,00,930
			Extra for above floor nine level					3035.00	sqm	₹ 220.00	₹ 6,67,700
			Extra for above floor tower and o.h.t level					939.00	sqm	₹ 242.00	₹ 2,27,238
44	13.16	Extra for plastering on circular work	Extra for plastering on circular work not exceeding 6 m in radius:								
	13.16.2	Two coat	in two coat								
			qty.					250.00			
								250.00	Sqm	₹ 18.00	₹ 4,500
45	13.17	Extra for plastering on moulding cornices	Extra for plastering done on moulding cornices or architraves including neat finish to line and level:								
	13.17.2	Two coat	in two coat					450			
								450	Sqm	₹ 260.00	₹ 1,17,000
46	13.27	Mesh in plaster	Providing and fixing mesh in vertical and horizontal junction of RCC and brick/AAC work including scaffolding and all lead and lift etc. complete								
a)	13.27.1	Chicken mesh in plaster	G.I. chicken mesh as per ISI specification and in the required width with 50mm long Bombay nails before plastering upt 10 meter height.								
			Qty of Column Shuttering					3625.34	Sqm		
			Qty of Beam Shuttering					24506.85	Sqm		
								28132.19	Sqm	₹ 62.00	₹ 17,44,195
b)	13.27.2	Fibre mesh in Plaster	Providing and fixing fibre mesh of 145 GSM weight in required width with cement mortar before plastering upto 10m height.					4219.83	Sqm	₹ 45.00	₹ 1,89,892
47	13.39	POP punning	Plaster of paris punning								
	13.39.1	10 mm average thickness	Providing and applying plaster of paris punning of 10 mm average thickness over plastered surface to prepare the surface even and smooth complete.					29102.14	Sqm		
								29102.14	Sqm	₹ 130.00	₹ 37,83,278
48	13.41	White cement based putty	Providing and applying white cement based putty of average thickness 1 mm,of approved brand over the plastered wall surface to prepare the surface even and smooth i/c all cost of								
			Qty. of Inner Plaster					36319.28	Sqm		
			Qty. of Outer Plaster					10293.87	Sqm		
			Qty of Ceiling Plaster					27833.60	Sqm		
								74446.75	Sqm	₹ 74.00	₹ 55,09,060
49	13.51	Textured exterior paint	Finishing walls by only mechanical or manual means with textured exterior paint of required shade: New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm								
								10293.87	Sqm	₹ 132.00	₹ 13,58,791

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
50	13.54	Deluxe multi surface paint	Finishing walls with Deluxe Mulf surface paint system for interiors and exterior using primer as per manufacturers specifications :									
	13.54.2	Painting steel work	Painting Steel work with Deluxe Multi Surface Paint to give an even shade.Two or more coat applied @0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture.									
			Window and Ventilator area						23169.60			
									23169.60	Sqm	₹ 71.00	₹ 16,45,042
	13.54.3	Two or more coats	Two or more coats applied on walls @ 1.25 ltr/10 sqm. over and including one coat of Special primer applied @ 0.75 ltr / 10 sqm.									
			Inner Plaster						36319	Sqm		
			Ceiling Plaster Qty.						27834	Sqm		
									64153	Sqm	₹ 81.00	₹ 51,96,383
51	9.169	Factory made solid wood plastic composite (WPC) doorframes	Providing and fixing factory made single extruded WPC(Wood Polymer Composite) solid door/window/ceosetory windows and other frames/chowkhat comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (woodpowder/ rice .husk/wheat husk) and non toxic additives (maximum toxicity indexof 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed S.S. screws having minimum density of 750 kg/m3 and screw withdrawal strength of 2200 N (Face) & 900 N (Edge), minimum compressive strength 58 N/mm2, modulus of elasticity 900 N/ mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S. hold fast/lugs/S.S.dash fasteners of required dia and length complete as per direction of Engineer-in-Charge. (M.S. hold fast/lugs or S.S. dash fasteners shall be paid separately)									
	9.169.3	125 mm X 65 mm	Single or double rebate (125 mm X 65 mm)									
			Terrace and service floor						100.00	RM	₹ 923.00	₹ 92,300
52	9.19	Flush door shutters non decorative type 1st class hard wood and well matched teak 3 ply	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I)non decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.									
	9.19.1	35 mm butt hinges	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.									
			Basement - D1	2	1	4	2.0	2.4	19.20	sqm		
			Ground Floor To Second floor									
			D1	1	1	4	2.0	2.4	19.20	sqm		
			D2	1	1	3	1.5	2.4	10.80	sqm		
			D3	1	1	4	1.2	2.4	11.52	sqm		
			D5	1	1	26	0.85	2.4	53.04	sqm		
			SERVICE Floor - D1	1	1	8	2.0	2.4	38.40	sqm		
			Third Floor to Ninth Floor									
			D1	7	1	2	2.0	2.4	9.60	sqm		
			D3	7	1	11	1.2	2.4	31.68	sqm		
			D4	7	1	43	1.05	2.4	108.36	sqm		
			D5	7	1	45	0.85	2.4	91.80	sqm		
			Tower Floor-D1	1	1	4	2.0	2.4	19.20	sqm		
									412.80	sqm	₹ 1,870.00	₹ 7,71,936

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.			L	B	D/H	Qty	Unit	Rate	Amount in Rs.
53	9.134	Laminated sheet	Providing and Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S including cost of adhesive of approved quality.											
	9.134.2	1.0 mm	1.0 mm thick.											
			Basement - D1	2	1	4	2.0			2.4	19.20	sqm		
			Ground Floor To Second floor											
			D1	1	1	4	2.0			2.4	19.20	sqm		
			D2	1	1	3	1.5			2.4	10.80	sqm		
			D3	1	1	4	1.2			2.4	11.52	sqm		
			D5	1	1	26	0.85			2.4	53.04	sqm		
			SERVICE Floor - D1	1	1	8	2.0			2.4	38.40	sqm		
			Third Floor to Ninth Floor											
			D1	7	1	2	2.0			2.4	9.60	sqm		
			D3	7	1	11	1.2			2.4	31.68	sqm		
			D4	7	1	43	1.05			2.4	108.36	sqm		
			D5	7	1	45	0.85			2.4	91.80	sqm		
			Tower Floor-D1	1	1	4	2.00			2.4	19.20	sqm		
											412.80	sqm	₹ 691.00	₹ 2,85,245
54	9.69	S.S.Handles	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete :											
	9.69.1	125 mm	125 mm											
			Ground Floor To Second floor	1	1	26	0.85				26.00	each		
			Third Floor to Ninth Floor	7	1	45	0.85				315.00	each		
											341.00	each	₹ 60.00	₹ 20,460
55	9.76	Stainless steel hanging type floor	Providing and fixing Stainless steel hanging type floor door stopper with necessary screws, etc. complete.											
			Basement - D1	2	2	4	2.0				16	each		
			Ground Floor To Second floor											
			D1	1	2	4	2.0				8	each		
			D2	1	2	3	1.5				6	each		
			D3	1	1	4	1.2				4	each		
			D5	1	1	26	0.9				26	each		
			SERVICE Floor - D1	1	1	8	2.0				8	each		
			Third Floor to Ninth Floor											
			D1	7	2	2	2.0				28	each		
			D3	7	1	11	1.2				77	each		
			D4	7	1	43	1.05				301	each		
			D5	7	1	45	0.85				315	each		
			Tower Floor-D1	1	1	4	2.0				4	each		
											793.00	each	₹ 103.00	₹ 81,679
56	9.79	Brass tower bolts	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :											
	9.79.2	250mm	250 x10 mm											
			Basement - D1	2	1	4	2.0				8	each		
			Ground Floor To Second floor											
			D1	1	1	4	2.0				4	each		
			D2	1	1	3	1.5				3	each		
			D3	1	1	4	1.2				4	each		
			D5	1	1	26	0.9				26	each		
			SERVICE Floor - D1	1	1	8	2.0				8	each		
			Third Floor to Ninth Floor											
			D1	7	2	2	2.0				28	each		
			D3	7	1	11	1.2				77	each		
			D4	7	1	43	1.05				301	each		
			D5	7	1	45	0.85				315	each		
			Tower Floor-D1	1	1	4	2.0				4	each		
											778.00	each	₹ 329.00	₹ 2,55,962

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
57	9.81	Brass handles	Providing and fixing bright finished brass handles with necessary screws etc. complete.									
	9.81.1	125 mm	125 mm									
			Ground Floor To Second floor									
			D1	1	1	4	2.0		4	each		
			D2	1	1	3	1.5		3	each		
			D3	1	1	4	1.2		4	each		
			D5	1	1	26	0.9		26	each		
			SERVICE Floor - D1	1	1	8	2.0		8	each		
			Third Floor to Ninth Floor									
			D1	7	2	2	2.0		28	each		
			D3	7	1	11	1.2		77	each		
			D4	7	1	43	1.05		301	each		
			D5	7	1	45	0.85		315	each		
			Tower Floor-D1	1	1	4	2.0		4	each		
									770.00	each	₹ 205.00	₹ 1,57,850
58	9.43	M.S. grills and windows	Providing and fixing M.S. grills of required pattern in frames of windows etc.with M.S. flats, square or round bars etc.including priming coat with approved steel primer all complete									
	9.43.2	Fixed to openings /wooden frames	Fixed to openings /wooden frames with rawl plugs screws etc.									
			STAIRCASE WINDOW									
			SW1	11	1	2	2.40	1.80	95.04	Sqm		
			(PODIUM)THIRD FLOOR TO NINTH FLOOR									
			W1	7	1	20	2.00	2.40	672	Sqm		
			W2	7	1	22	1.50	2.40	554.4	Sqm		
			W3	7	1	6	0.90	2.40	90.72	Sqm		
			VENTILATION									
			V1	3	1	4	0.9	0.60	6.48	Sqm		
			V2	7	1	40	0.75	0.60	126	Sqm		
			weight @ of 15 kg. per sq.m.			15 KG PER SQM			1544.64	sqm		
									23169.6	kg.	₹ 128.00	₹ 29,65,709
59	9.84	Brass mortice latch and lock aluminium lever handles	Providing and fixing bright finished brass 100 mm mortice latch and lock ISI marked with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles with necessary screws etc. complete (Best make of approved quality).									
			Ground Floor To Second floor									
			D1	1	1	4	2.0		4	each		
			D2	1	1	3	1.5		3	each		
			D3	1	1	4	1.2		4	each		
			SERVICE Floor - D1	1	1	8	2.0		8	each		
			Third Floor to Ninth Floor									
			D1	7	2	2	2.00		28	each		
			D3	7	1	11	1.20		77	each		
			Tower Floor-D1	1	1	4	2.00		4	each		
									128	each	₹ 820.00	₹ 1,04,960
60	10.22	Welded built up steel sections	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.									
	10.22.2	Frame, ladder, railing	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.									
			Quantity						2000.00			
									2000.00	kg.	₹ 105.00	₹ 2,10,000

[illegible]

[illegible]

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.		L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			RISER	1	3	33	1.8		0.15	26.73	Sqm		
			STAIR-3 FIRST TO SERVICE FLOOR								Sqm		
			RISER	2	3	26	1.8		0.15	42.12	Sqm		
			STAIR-4 SERVICE TO PODIUM FLOOR								Sqm		
			RISER	1	2	20	1.8		0.15	10.80	Sqm		
			STAIR-5 PODIUM (THIRD TO FOURTH)								Sqm		
			RISER	1	2	22	1.8		0.15	11.88	Sqm		
			STAIR-6 FOURTH TO TERRACE								Sqm		
			RISER	6	2	20	1.8		0.15	64.80	Sqm		
										193.59	Sqm	₹ 3,413.00	₹ 6,60,723
69	11.40	Edge moulding of stone work	Providing edge moulding to 18mm thick marble stone counters, Vanities, window sills etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.										
	11.40.2	Granite work.											
			STAIRCASE WINDOW										
			SW1	11	1	2	8.4			184.8	RM		
			(PODIUM)THIRD FLOOR TO NINTH FLOOR										
			SD1	7	1	10	10.8			756	RM		
			SD2	7	1	13	8.4			764.4	RM		
			SD3	7	1	8	7.8			436.8	RM		
			W1	7	1	20	8.8			1232	RM		
			W2	7	1	22	7.8			1201.2	RM		
			W3	7	1	6	6.6			277.2	RM		
			VENTILATION										
			V1	3	1	4	3			36	RM		
			V2	7	1	40	2.7			756	RM		
			STAIRCASE										
			STAIR-1 BASEMENT TO GROUND										
			TREAD	2	3	23	1.8			248.4	RM		
			LANDING	2	3	2	1.80			21.6	RM		
			STAIR-2 GROUND TO FIRST								RM		
			TREAD	1	3	33	1.8			178.2	RM		
			LANDING	1	3	2	1.80			10.8	RM		
			STAIR-3 FIRST TO SERVICE FLOOR								RM		
			TREAD	2	3	26	1.8			280.8	RM		
			LANDING	2	3	2	1.80			21.6	RM		
			STAIR-4 SERVICE TO PODIUM FLOOR								RM		
			TREAD	1	3	20	1.8			108	RM		
			LANDING	1	3	1	1.80			5.4	RM		
			STAIR-5 PODIUM (THIRD TO FOURTH)								RM		
			TREAD	1	2	22	1.8			79.2	RM		
			LANDING	1	2	1	1.80			3.6	RM		
			STAIR-6 FOURTH TO TERRACE								RM		
			TREAD	6	2	20	1.8			432	RM		
			LANDING	6	2	1	1.80			21.6	RM		
										7055.6	RM	₹ 269.00	₹ 18,97,956
70	11.58	Glass mosaic tiles	Providing and fixing Glass mosaic tiles at finished plain wall surface of size 20 mm x 20 mm x 4 mm in all colour, design, fixing in customize design as per direction of Engineer-in- Charge. The glass mosaic tiles to be fixed on the wall surface with the help of approved adhesive applied at the rateof 2.5 kg per sqm and grouting of the same. The rate is inclusive of all operation, material and required pattern approved by Engineer-in-Charge:										
			WATER BODY FLOOR		1		12	4		48	sqm		
			WATER BODY WALLS		1		65		1.0	65	sqm		
										113	sqm	₹ 1,557.00	₹ 1,75,941

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
71	11.72	Chamfered edge cement concrete paver blocks over	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc. of required colour strength, thickness pattern, surface texture (smooth/rough) and size/shape, conforming to 15658- 2006 made by table vibratory method using PU mould, laid in required colour and pattern over 50mm thick compacted bed of sand, compacting and proper embedding/ laying of inter locking paver blocks into the bedding layer through vibratory compaction byusing plate vibrator, filling the joints with sand and cutting of paver blocks as per required sizeand pattern, finishing and sweeping extra sand including locking with M15 cement concrete in footpath, parks, lawns, drive ways or light traffic parking etc. complete as per manufacturer's specifications and direction of Engineer-in-Charge.									
	11.72.1	80mm thick	80 mm thick C.C. paver block of M-35 grade									
			FRONT PARKING AND DRIVEWAY						1350	Sqm	₹ 805.00	₹ 10,86,750
72	11.73	Kerb stone M-25	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in- Charge).									
					1	150	0.2	0.45	13.5	Cum	₹ 6,097.00	₹ 82,310
73	11.75	Granite door frame	Providing and fixing 16mm thick gang saw cut mirror polished premoulded and prepolished machine cut Granite of approved shade, colour and texture of Granite Door frame. in cement mortar 1:3 (1 cement :3 sand) including pointing with an admixture of pigment to match the shade including fixing of granite stone door frame with epoxy resin based adhesive including secured to the backing by means of cramps, drilling of hole with rawl plugs and screws 75mm long cleaning etc. complete. Including rubbing, curing, moulding and polishing edges to give high glossy finish and drilling of hole for fixing stainless steel hinges, aldrop, towerboltetc complete at all levels as per instruction of Engineer-in-Charge.									
(i)	11.75.1	100mm thick wall	Granite Door frame for 100mm thick wall Thickness.									
			Ground Floor To Second floor									
			D5	1	1	26	0.85	2.40	106	RM		
			Third Floor to Ninth Floor									
			D5	7	1	45	0.85	2.40	1285	RM		
									1391.28	RM	₹ 1,010.00	₹ 14,05,193
(ii)	11.75.2	200mm thick wall	Granite Door frame for 200mm thick wall Thickness.									
			Basement - D1	2	1	4	2.00	2.40	77	RM		
			Ground Floor To Second floor									
			D1	1	1	4	2.00	2.40	38	RM		
			D2	1	1	3	1.50	2.40	22	RM		
			D3	1	1	4	1.20	2.40	23	RM		
			SERVICE Floor - D1	1	1	8	2.00	2.40	77	RM		
			Third Floor to Ninth Floor									
			D1	7	2	2	2.00	2.40	269	RM		
			Tower Floor-D1	1	1	4	2.00	2.40	38	RM		

[illegible]

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
	11.80.1	Light colour	In light colour and shades as ivory, beige blanco, grey etc.									
	11.80.1.2	600X600	(b) Size 600X600mm thickness 9-10mm									
			GROUND FLOOR - Toilet									
			Common toilet Floor Tiles (male & female)		1	1	8.60	5.30	45.58	Sqm		
			Disabled Floor Tiles		1	1	2.10	2.50	5.25	Sqm		
			FIRST & SECOND FLOOR - Toilet									
			Common toilet Floor Tiles (male & female)	2	1	1	6.90	7.40	102.12	Sqm		
			Disabled Floor Tiles	2	1	1	2.10	2.50	10.50	Sqm		
									163.45	sqm	₹ 1,206.00	₹ 1,97,121
77	11.82	Vitrified tiles (PGVT)/(GVT)	Providing and laying digital print random design(PGVT)/(GVT) vitrified tiles in different sizes with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours& shades, 1st quality/ premium quality including grouting the joints with white cement and matching pigments etc. complete									
	11. 82.1	For floor	For floor glossy/ rustic /stain/matt finished laid on 20mm thick cement mortar 1:4 (1 cement:4sand)									
	11. 82.1.8	1200X1800	SECOND FLOOR OFFICES		1	1	1110		1110.00	Sqm		
			THIRD FLOOR TO NINTH FLOOR									
			FLAT TYPE A1	7	1	1	120		840.00	Sqm		
			FLAT TYPE A2	7	1	1	120		840.00	Sqm		
			FLAT TYPE B1	7	1	4	100		2800.00	Sqm		
			FLAT TYPE B2	7	1	1	105		735.00	Sqm		
			FLAT TYPE C1	7	1	2	80		1120.00	Sqm		
			FLAT TYPE C2	7	1	2	75		1050.00	Sqm		
									8495.00	Sqm	₹ 1,715.00	₹ 1,45,68,925
78	11.83	Vitrified tiles (PGVT)/(GVT) in skirting, riser	Providing and laying digital print random design (PGVT)/(GVT) vitrified tiles in different sizes with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours& shades, 1st quality / premium in skirting, riser laid our 12mm thick cement mortar 1:3 including grouting the joints with white cement and matching pigments etc. complete									
	11.83.1	For skirting	For skirting, risers etc. glossy/ rustic /stain/matt finished in all colours and shades									
	11.83.1.5	800X1200	Size 800X1200 mm thickness 11-12 mm									
			SECOND FLOOR OFFICES		1	1	500.00	0.10	50.00	Sqm		
			THIRD FLOOR TO NINTH FLOOR	7	1	1	750.00	0.10	525.00	Sqm		
									525.00	Sqm	₹ 1,440.00	₹ 7,56,000
79	11.53	Antiskid floor tiles (heavy duty)	Providing and laying Antiskid floor tiles of any sizes, 12 mm thickness with water absorption less than 0.08% and conforming to IS:15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 sand) including grouting the joints with white cement with matching pigments etc., complete.									
			THIRD FLOOR TO NINTH FLOOR (TOILETS)									
			BALCONY TILE									
			FLAT TYPE A1	7	1	1	35		245.00	Sqm		
			FLAT TYPE A2	7	1	1	15		105.00	Sqm		
			FLAT TYPE B1	7	1	4	38		1064.00	Sqm		
			FLAT TYPE B2	7	1	1	42		294.00	Sqm		
			FLAT TYPE C1	7	1	2	15		210.00	Sqm		
			FLAT TYPE C2	7	1	2	20		280.00	Sqm		
			QUANTITY						2198.00	sqm	₹ 880.00	₹ 19,34,240

[illegible]

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			the fabric and to be stretched & fixed on M.S. design structure with the help of. M.S. Flat bar with self-taping screw. M.S. structure to be painted with one coat of epoxy primer with MRF PU paint of approved colour in desired shape. With 1050 GSM tensile fabric									
		12.85.1	With preconstraint tensile membrane 1050 GSM (20 years Warranty)						500.00			
									500.00	sqm	₹ 9,347.00	₹ 46,73,500
87	21.1	Aluminium work for doors, windows, ventilators & partitions	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :									
	21.1.1		For fixed portion.									
	21.1.1.2	Powder coated	Powder coated aluminium (minimum thickness of powder coating 50 micron)									
			GROUND FLOOR TO SECOND FLOOR									
			VENTILATION V1	3	1	4	0.9	0.6	6.48	Sqm		
			THIRD TO NINTH FLOOR									
			VENTILATION V2	7	1	40	0.75	0.6	126	Sqm		
									132.48	Sqm		
			Weight @ of 15.00 kg. per sq.m.		15	kg per sqm			1987.2	kg.	₹ 416.00	₹ 8,26,675
88	22/22.5	Water proofing treatment two course cement mortar	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :									
			a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours.									
			b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.									
			GROUND FLOOR - Toilet									
			Common toilet Floor Tiles (male & female)	1	1	1	8.60	5.30	45.58	sqm		
			Disabled Floor Tiles	1	1	1	2.10	2.50	5.25	sqm		
			FIRST & SECOND FLOOR - Toilet									
			Common toilet Floor Tiles (male & female)	2	1	1	6.90	7.40	102.12	sqm		
			Disabled Floor Tiles	2	1	1	2.10	2.50	10.50	sqm		
			TOILET THIRD FLOOR TO NINTH FLOOR TOILET									
			FLAT TYPE A1	7	1	1	30		210.00	sqm		
			FLAT TYPE A2	7	1	1	30		210.00	sqm		
			FLAT TYPE B1	7	1	4	25		700.00	sqm		
			FLAT TYPE B2	7	1	1	25		175.00	sqm		
			FLAT TYPE C1	7	1	2	18		252.00	sqm		

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description	Nos.			L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size										
			3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm or both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :										
	12.58.2	2.5 mm thick gypsum board	12.5 mm thick tapered edge gypsum board										
	12.58.2.3	Moisture resistant gypsum board.	12.5mm thick moisture resistant gypsum plasterboards Moistbloc as per BS EN 520 confirming to water absorption class H1 with total water absorption < 5%, Green Pro certified by CII										
			AREA							10123.80	Sqm.		
										10123.80	Sqm.		
			25% Area for extra work As. - Vertical Patta Etc.							2530.95	Sqm.		
										12654.75	Sqm.	₹ 920.00	₹ 1,16,42,370
109	12.84	PVC ceiling system profile panel	Providing & Fixing PVC ceiling system profile panel with click system interlock panel size 4000mmx340mmx1mm resistance to weather perfect finish in wood grain & solid colour maintenance free Resistance to weather truly anti bacterial. with edge profile J-trim on periphery & center profile T-trim in panel joint Complete System to be fixed on G.I. framework of ceiling section at 450 mm distance with enter section suspended by roof by G.I. angle hanger in proper line & level etc complete PRODUCT SPECIFICATIONS: Meets or exceeds the standard specification of (ASTM D-4477) and its referenced documents. Impact resistance: No deformation observed. (Tested at 50 LBS) Tensile strength, MPa: >37.0 Tensile modulus, MPa: >2000 Surface distortion: None at 120F Squareness: <1/8" of square Length: Within ¼" of specification Lock control: Complies Color Change: <2 grayscales (16 hrs under 1200W/m2 UV radiation at 50 degrees)										
			GROUND TO SECODN FLOOR TOILET	1	1	1	163.45	TOTAL AREA		163.45			
			TOILET AT RESIDENTIAL FLOOR	7		1	253	AREA OF 1 FLOOR		1771.00	sqm		
										1934.45	sqm	₹ 3,178.00	₹ 61,47,682

[illegible]

[illegible]

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.		L	B	D/H	Qty	Unit	Rate	Amount in Rs.
			paint, matching colour with laminate. The door frame will cover the full thickness of the wall and should cover a minimum 80 mmx18mm on both faces of the wall in elevation (which will work for plaster rip and enhance the look of the door frame, such as the picture frame design /pattern. The door frame will be fixed with minimum 8 numbers of 10 mm Dia. and 80 mm long S.S. fastener all the work will be done as per the instruction of engineer incharge and drawings.										
		100MM WALL THICKNESS	Third Floor to Ninth Floor										
			D4	7	1	43	1.05		2.40	316	Rmt		
										316.05	Rmt	₹ 1,600.00	₹ 5,05,680
		200MM WALL THICKNESS	Third Floor to Ninth Floor										
			D3	7	1	11	1		2.4	443.52	RM		
										443.52	Rmt	₹ 1,900.00	₹ 8,42,688

SR. No.	S.O.R./ Chapter No. /Item No.	Item Name	Description		Nos.	L	B	D/H	Qty	Unit	Rate	Amount in Rs.
120	NON SOR	NON SOR ITEM OF CNC work	Item :-Extra for CNC work as per required design an pattern on natural stone surface i.e. Granite / Marble / Kota , Sand Stone etc. All work should be done as per the drawing, design, pattern, specifications and instructions of Engineer in Charge. Measurement for billing purpose boundary out to out in Length and breadth of CNC work area only.									
			QTY.						2271.00	Sqm		
									1343.60	Sqm	₹ 375.00	₹ 5,03,850
121	NON SOR	ACRYLIC PUTTY WALL	Providing and applying acrylic water based putty used on alkali resistant Primer in two coats including sand papering for making the surface smooth for applying any or vinyl paints including all cost of material, at any floor and height and labour etc complete.									
			QUANTITY						29102.14	Sqm	₹ 90.00	₹ 26,19,193
122	NON SOR (approved in UDA)	TOUGHENED GLASS	Providing and Fixing 6mm clear toughened glass of saint gobaiin/ Modiguard / AIS						2172.96	Sqm	₹ 850.00	₹ 18,47,016
									TOTAL OF NON SOR ITEM			₹ 4,84,78,568
									SUB TOTAL OF SOR AND NON SOR ITEM			₹ 53,34,80,146
											SAY	₹ 53,34,80,000
TOTAL COST (IN WORDS) - FIFTY THREE CRORE THIRTY FOUR LACS EIGHTY THOUSAND ONLY												

ESTIMATE BASED ON :-

SCHEDULE OF RATES FOR ROAD & BRIDGE WORKS ISSUED BY - ENGINEER-IN-CHIEF PUBLIC WORKS DEPARTMENT M.P. BHOPAL IN FORCE FROM APRIL 11th ,2025
BUILDING WORK (VOLUME-I AND VOLUME-II) In Force From January 01, 2024 Issued by :- ENGINEER-IN-CHIEF MP Public Works Department (P.I.U) BHOPAL
Govt. of Madhya Pradesh PUBLIC HEALTH ENGINEERING DEPARTMENT for WATER SUPPLY, SEWERAGE AND ALLIED WORKS (In force from 2023)

NITIN SHRIMALI
(ARCHITECT)