

**UP-GRADATION OF GOVT ITI CHANDHANATHOPPE ON PARWITH
INTERNATIONAL STANDARDS PHASE-1 REV.3**

Detailed Estimate

(Dsr year: 2016, Cost Index Applied for this estimate is 41.85%)

Sl No	Description	No	L	B	D	CF	Quantity	Remark	
1 MAIN BUILDING CIVIL WORKS									
1	2.6.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil								
EXCAVATION FOR FOOTING									
F1		10	1.5+0.6	1.5+0.6	1.300		57.331		
F2		18	2+0.6	2+0.6	1.300		158.185		
F3		10	2+0.6	2+0.6	1.300		87.881		
F4		9	2.2+0.6	2.2+0.6	1.300		91.729		
F5		2	2.5+0.6	2.5+0.6	1.300		24.987		
F6		2	2.5+0.6	2.2+0.6	1.300		22.569		
F7		5	2.5+0.6	1.5+0.6	1.300		42.316		
F8		1	2.5+0.6	2+0.6	1.300		10.479		
LIFT		1	3.3+0.6	3.2+0.6	2.350		34.828		
	Total Quantity							530.305 cum	
	Total Deducted Quantity							0.000 cum	
	Net Total Quantity							530.305 cum	
	Say 530.305 cum @ Rs 178.66 / cum							Rs 94744.29	
2	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.								
EXCAVATION FOR FOOTING									
F1		10	1.5+0.6	1.5+0.6	1.300		57.331		
F2		18	2+0.6	2+0.6	1.300		158.185		
F3		10	2+0.6	2+0.6	1.300		87.881		
F4		9	2.2+0.6	2.2+0.6	1.300		91.729		

F5	2	2.5+0.6	2.5+0.6	1.300		24.987	
F6	2	2.5+0.6	2.2+0.6	1.300		22.569	
F7	5	2.5+0.6	1.5+0.6	1.300		42.316	
F8	1	2.5+0.6	2+0.6	1.300		10.479	
LIFT	1	3.3+0.6	3.2+0.6	2.350		34.828	
DEDUCE PCC FOR FOOTING							
F1	10	1.5+.2	1.5+.2	0.100		-2.889	
F2	18	2+0.2	2+0.2	0.100		-8.712	
F3	10	2+0.2	2+0.2	0.100		-4.840	
F4	9	2.2+0.2	2.2+0.2	0.100		-5.184	
F5	2	2.5+0.2	2.5+0.2	0.100		-1.458	
F6	2	2.5+0.2	2.2+0.2	0.100		-1.296	
F7	5	2.5+0.2	1.5+0.2	0.100		-2.295	
F8	1	2.5+0.2	2+0.2	0.100		-0.594	
LIFT	1	3.3+0.2	3.2+0.2	0.100		-1.190	
DEDUCE RCC FOR FOOTING							
F1	10	1.500	1.500	0.350		-7.875	
		1.5*1.5+0.10*0.33	5*0.8+0.948	0.400		-4.749	
F2	18	2.000	2.000	0.400		-28.800	
		18*0.33	2*2+0.5*0.8+1.26	0.400		-13.448	
F3	10	2.000	2.000	0.500		-20.000	
		10*0.33	2*2+0.5*0.8+1.26	0.300		-5.603	
F4	9	2.200	2.200	0.600		-26.136	
		9*0.33	2.2*2.2+0.5*0.8+1.39	0.200		-3.938	
F5	2	2.500	2.500	0.650		-8.125	
		2*0.33	2.5*2.5+0.5*0.8+1.58	0.250		-1.357	
F6	2	2.500	2.200	0.800		-8.800	

	F7	5	2.500	1.500	0.750		-14.062	
	F8	1	2.500	2.000	0.750		-3.750	
	LIFT	1	3.300	3.200	0.750		-7.920	
DEDUCE STUB COLUMNS								
	C1	5	0.300	0.450	0.450		-0.303	
	C1	15	0.300	0.450	0.400		-0.810	
	C1	2	0.300	0.450	0.900		-0.243	
	C2	11	0.300	0.600	0.450		-0.891	
	C2	21	0.300	0.600	0.400		-1.511	
	C2	2	0.300	0.600	0.900		-0.324	
	C3	3	0.300	0.600	0.400		-0.215	
	C3	2	0.300	0.600	0.300		-0.108	
PLINTH FILLING UNDER PCC FLOORS								
		1	.9+.9+1.7	1.300	0.450		2.048	
		2	4.100	1.400	0.450		5.166	
		1	1.7+.9+.9	1.400	0.450		2.205	
		1	2.100	4.290	0.450		4.055	
		1	2.200	4.290	0.450		4.248	
		1	2.340	3.260	0.450		3.433	
		1	3.16+2.19 +3.05+2.34	4.490	0.450		21.701	
		1	4.33+5.27 +3.4	1.800	0.450		10.531	
		1	9+2.34+5. 75+4.75	1.800	0.450		17.691	
		1	2.060	4.470	0.450		4.144	
		1	1+1.42+1. 43+1.45	1.650	0.450		3.936	
		1	4.11+4+4. 67	6.200	0.450		35.657	
		1	7.500	1.550	0.450		5.232	
PLINTH FILLING UNDER RC FLOOR								
	S1 BETWEEN 2 TO 3	1	4.330	3.260	0.300		4.235	
		1	5.270	3.260	0.300		5.155	

		1	4.33+5.27 +3.4	1.800	0.150		3.511	
		1	9+2.34+5. 75+4.75	1.800	0.150		5.897	
		1	2.060	4.470	0.150		1.382	
		1	1+1.42+1. 43+1.45	1.650	0.100		0.875	
		1	4.11+4+4. 67	6.200	0.100		7.924	
		1	7.500	1.550	0.100		1.163	
Total Quantity							35.039 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							35.039 cum	
Say 35.039 cum @ Rs 7646.35 / cum							Rs 267920.46	
4	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)							
PCC FOR FOOTING								
	F1	10	1.5+0.2	1.5+0.2	0.100		2.890	
	F2	18	2+0.2	2+0.2	0.100		8.713	
	F3	10	2+0.2	2+0.2	0.100		4.841	
	F4	9	2.2+0.2	2.2+0.2	0.100		5.185	
	F5	2	2.5+0.2	2.5+0.2	0.100		1.459	
	F6	2	2.5+0.2	2.2+0.2	0.100		1.297	
	F7	5	2.5+0.2	1.5+0.2	0.100		2.295	
	F8	1	2.5+0.2	2+0.2	0.100		0.595	
	LIFT	1	3.3+0.2	3.2+0.2	0.100		1.191	
PCC UNDER GRADE BEAM								
	B1	1	29.610	0.500	0.100		1.481	
	B1	1	49.950	0.500	0.100		2.498	
	B1	1	44.340	0.500	0.100		2.217	
	B1	1	40.980	0.500	0.100		2.049	
	B1	1	47.890	0.500	0.100		2.395	
	B1	1	43.230	0.500	0.100		2.162	

	B1	1	56.260	0.500	0.100		2.813	
	B2	1	40.120	0.500	0.100		2.006	
	B2	1	13.000	0.500	0.100		0.650	
	B2	1	14.460	0.500	0.100		0.724	
	B3	1	9.240	0.500	0.100		0.462	
	B3	1	5.400	0.500	0.100		0.270	
	PCC UNDER RC GROUND FLOOR SLAB							
	S1 BETWEEN 2 TO 3	1	4.330	3.260	0.100		1.412	
		1	5.270	3.260	0.100		1.719	
		1	3.400	3.260	0.100		1.109	
		1	5.750	3.560	0.100		2.048	
		1	4.750	3.560	0.100		1.691	
	S1 BETWEEN 3 TO 5	1	4.330	4.490	0.100		1.945	
		1	5.270	4.490	0.100		2.367	
		1	3.400	4.490	0.100		1.527	
		1	5.750	4.190	0.100		2.410	
		1	4.750	4.190	0.100		1.991	
	S1 BETWEEN 6 TO 7	1	4.330	3.870	0.100		1.676	
		1	5.270	3.870	0.100		2.040	
		1	5.750	3.870	0.100		2.226	
		1	4.750	3.870	0.100		1.839	
	S1 BETWEEN 7 TO 8	1	4.330	3.880	0.100		1.681	
		1	5.270	3.880	0.100		2.045	
		1	5.750	3.880	0.100		2.231	
		1	4.750	3.880	0.100		1.843	
	Total Quantity						81.993 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						81.993 cum	
	Say 81.993 cum @ Rs 6352.26 / cum						Rs 520840.85	
5	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns							
	CENTERING AND SHUTTERING FOR PCC							

	F1	10*2	1.5+.2		0.100		3.401		
	F2	18*2	2+0.2		0.100		7.921		
	F3	10*2	2+0.2		0.100		4.400		
	F4	9*2	2.2+0.2		0.100		4.321		
	F5	2*2	2.5+0.2		0.100		1.080		
	F6	2*2	2.5+0.2+2. 2+.2		0.100		2.041		
	F7	5*2	2.5+0.2+1. 5+.2		0.100		4.400		
	F8	1*2	2.5+0.2+2 +.2		0.100		0.981		
	LIFT	1*2	3.3+0.2+3. 2+.2		0.100		1.381		
	PCC UNDER GRADE BEAM								
	B1	2	29.610		0.100		5.923		
	B1	2	49.950		0.100		9.991		
	B1	2	44.340		0.100		8.868		
	B1	2	40.980		0.100		8.196		
	B1	2	47.890		0.100		9.579		
	B1	2	43.230		0.100		8.646		
	B1	2	56.260		0.100		11.252		
	B2	2	40.120		0.100		8.024		
	B2	2	13.000		0.100		2.600		
	B2	2	14.460		0.100		2.893		
	B3	2	9.240		0.100		1.848		
	B3	2	5.400		0.100		1.080		
	Total Quantity						108.826 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						108.826 sqm		
	Say 108.826 sqm @ Rs 275.12 / sqm						Rs 29940.21		
6	50.4.1.1 Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) up to floor five level excluding the cost of centering, shuttering, finishing for leveling coarse of floor and roof etc.								
	TERRACE DUMMY COLUMNS								

	C1	21	0.300	0.450	1.000		2.835	
	C2	35	0.300	0.600	1.000		6.300	
	C3	5	0.300	0.600	1.000		0.900	
	GROUND FLOOR LINTELS AND SILLS							
	BLOCK WORK	1*2	4.330	0.200	0.150		0.260	
		1*2	5.270	0.200	0.150		0.317	
		1*2	0.700	0.200	0.150		0.042	
		1*2	2.600	0.200	0.150		0.156	
		2*2	3.000	0.200	0.150		0.361	
		1*2	3.800	0.200	0.150		0.228	
		1*2	2.330	0.200	0.150		0.140	
		1*2	5.750	0.200	0.150		0.346	
		1*2	4.740	0.200	0.150		0.285	
		1*2	5.080	0.200	0.150		0.305	
		1*2	1.750	0.200	0.150		0.106	
		1*2	1.790	0.200	0.150		0.108	
		1*2	3.430	0.200	0.150		0.206	
		1*2	3.420	0.200	0.150		0.206	
		1*2	5.750	0.200	0.150		0.346	
		1*2	4.740	0.200	0.150		0.285	
		1*2	4.240	0.200	0.150		0.255	
		1*2	1.240	0.200	0.150		0.075	
		1*2	5.560	0.200	0.150		0.334	
		1*2	1.240	0.200	0.150		0.075	
		1*2	5.170	0.200	0.150		0.311	
		1*2	4.330	0.200	0.150		0.260	
		1*2	3.490	0.200	0.150		0.210	
		1*2	3.800	0.200	0.150		0.228	
		1*2	4.340	0.200	0.150		0.261	
		1*2	2.960	0.200	0.150		0.178	
		1*2	5.180	0.200	0.150		0.311	
	INTERNAL WALLS	1*2	4.300	0.200	0.150		0.258	
		1*2	3.800	0.200	0.150		0.228	

		1*2	2.960	0.200	0.150		0.178	
		1*2	4.030	0.200	0.150		0.242	
		1*2	2.190	0.200	0.150		0.132	
		1*2	4.300	0.200	0.150		0.258	
		1*2	3.390	0.200	0.150		0.204	
		2*2	2.960	0.200	0.150		0.356	
		1*2	3.570	0.200	0.150		0.215	
		1*2	4.290	0.200	0.150		0.258	
		1*2	2.800	0.200	0.150		0.168	
		1*2	2.330	0.200	0.150		0.140	
		1*2	4.030	0.200	0.150		0.242	
		1*2	4.240	0.200	0.150		0.255	
		1*2	5.270	0.200	0.150		0.317	
		1*2	3.400	0.200	0.150		0.205	
		1*2	8.390	0.200	0.150		0.504	
		1*2	4.740	0.200	0.150		0.285	
		1*2	4.240	0.200	0.150		0.255	
		1*2	5.260	0.200	0.150		0.316	
		1*2	3.310	0.200	0.150		0.199	
		1*2	2.300	0.200	0.150		0.138	
		1*2	1.950	0.200	0.150		0.117	
		1*2	2.260	0.200	0.150		0.136	
		1*2	5.750	0.200	0.150		0.346	
		1*2	4.740	0.200	0.150		0.285	
		1*2	3.430	0.200	0.150		0.206	
		1*2	1.870	0.200	0.150		0.113	
		2*2	2.790	0.200	0.150		0.335	
		1*2	2.900	0.200	0.150		0.174	
		1*2	4.800	0.200	0.150		0.288	
		1*2	3.500	0.200	0.150		0.211	
		1*2	1.940	0.200	0.150		0.117	
		1*2	1.240	0.200	0.150		0.075	
		1*2	2.000	0.200	0.150		0.120	

		1*2	1.910	0.200	0.150		0.115			
		2*2	1.800	0.200	0.150		0.217			
		1*2	1.710	0.200	0.150		0.103			
		1*2	5.900	0.200	0.150		0.355			
	10 CM WALLS	1*2	4.640	0.100	0.150		0.140			
		1*2	2.700	0.100	0.150		0.081			
		1*2	6.210	0.100	0.150		0.187			
		2*2	2.800	0.100	0.150		0.168			
		2*2	1.500	0.100	0.150		0.091			
		2*2	1.498	0.100	0.150		0.090			
		1*2	2.700	0.100	0.150		0.081			
		1*2	2.690	0.100	0.150		0.081			
		1*2	4.630	0.100	0.150		0.139			
			DEDUCTION FOR SILLS AT DOORS							
	20CM WALLS,D1	9	1.000	0.200	0.150		-0.270			
	D2	6	1.200	0.200	0.150		-0.215			
	D3	6	0.800	0.200	0.150		-0.144			
	RS	3*2	2.400	0.200	0.150		-0.431			
	10CM WALLS,D1	6	1.000	0.100	0.150		-0.090			
	D3	1	0.800	0.100	0.150		-0.012			
			Total Quantity					25.954 cum		
			Total Deducted Quantity					-1.162 cum		
			Net Total Quantity					24.792 cum		
			Say 24.792 cum @ Rs 7735.80 / cum					Rs 191785.95		
7	5.33.1	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including 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 Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work upto plinth level								
			FOOTING							
	F1	10	1.500	1.500	0.350		7.875			

		10*0.33	1.5*1.5+0.5*0.8+0.948		0.400		4.750	
F2		18	2.000	2.000	0.400		28.800	
		18*0.33	2*2+0.5*0.8+1.26		0.400		13.449	
F3		10	2.000	2.000	0.500		20.000	
		10*0.33	2*2+0.5*.8+1.26		0.300		5.604	
F4		9	2.200	2.200	0.600		26.137	
		9*0.33	2.2*2.2+0.5*0.8+1.39		0.200		3.939	
F5		2	2.500	2.500	0.650		8.125	
		2*0.33	2.5*2.5+0.5*0.8+1.58		0.250		1.358	
F6		2	2.500	2.200	0.800		8.800	
F7		5	2.500	1.500	0.750		14.063	
F8		1	2.500	2.000	0.750		3.750	
LIFT		1	3.300	3.200	0.750		7.920	
GRADE BEAM								
B1		1	29.610	0.300	0.600		5.330	
B1		1	49.950	0.300	0.600		8.991	
B1		1	44.340	0.300	0.600		7.982	
B1		1	40.980	0.300	0.600		7.377	
B1		1	47.890	0.300	0.600		8.621	
B1		1	43.230	0.300	0.600		7.782	
B1		1	56.260	0.300	0.600		10.127	
B2		1	40.120	0.300	0.600		7.222	
B2		1	13.000	0.300	0.600		2.340	
B2		1	14.460	0.300	0.600		2.603	
B3		1	9.240	0.300	0.600		1.664	
B3		1	5.400	0.300	0.600		0.972	
GROUND FLOOR SLAB								

	S1 BETWEEN 2 TO 3	1	4.330	3.260	0.200		2.824		
		1	5.270	3.260	0.200		3.437		
		1	3.400	3.260	0.200		2.217		
		1	5.750	3.560	0.200		4.095		
		1	4.750	3.560	0.200		3.382		
	S1 BETWEEN 3 TO 5	1	4.330	4.490	0.200		3.889		
		1	5.270	4.490	0.200		4.733		
		1	3.400	4.490	0.200		3.054		
		1	5.750	4.190	0.200		4.819		
		1	4.750	4.190	0.200		3.981		
	S1 BETWEEN 6 TO 7	1	4.330	3.870	0.200		3.352		
		1	5.270	3.870	0.200		4.079		
		1	5.750	3.870	0.200		4.451		
		1	4.750	3.870	0.200		3.677		
	S1 BETWEEN 7 TO 8	1	4.330	3.880	0.200		3.361		
		1	5.270	3.880	0.200		4.090		
		1	5.750	3.880	0.200		4.462		
		1	4.750	3.880	0.200		3.686		
Other Engineering Organizations									
PRICE									
STUB COLUMNS									
	C1	5	0.300	0.450	0.450		0.304		
	C1	15	0.300	0.450	0.400		0.810		
	C1	2	0.300	0.450	0.900		0.244		
	C2	11	0.300	0.600	0.450		0.891		
	C2	21	0.300	0.600	0.400		1.512		
	C2	2	0.300	0.600	0.900		0.324		
	C3	3	0.300	0.600	0.400		0.216		
	C3	2	0.300	0.600	0.300		0.108		
LIFT PIT SHEAR WALL									
		2	1.450	0.200	0.900		0.522		
		2	1.800	0.200	0.900		0.649		
	Total Quantity						298.750 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						298.750 cum		

	Say 298.750 cum @ Rs 9144.36 / cum					Rs 2731877.55		
8	<p>5.33.2 Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including 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 Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work above plinth level upto floor V level</p>							
GROUND FLOOR COLUMNS								
C1	21	0.300	0.450	3.450		9.781		
C2	35	0.300	0.600	3.450		21.735		
C3	5	0.300	0.600	3.450		3.105		
GROUND FLOOR ROOF BEAMS								
B1	1	12.960	0.300	0.300		1.167		
B2	1	12.790	0.300	0.300		1.152		
B3	1	12.970	0.300	0.300		1.168		
B4	1	8.090	0.300	0.450		1.093		
B5	1	12.770	0.300	0.300		1.150		
B6	1	12.900	0.300	0.300		1.161		
B7	1	8.690	0.300	0.450		1.174		
B8	1	12.820	0.300	0.300		1.154		
B9	1	12.810	0.300	0.300		1.153		
B10	1	8.250	0.300	0.300		0.743		
B11	1	12.750	0.300	0.450		1.722		
B12	1	9.590	0.300	0.450		1.295		
B13	1	6.060	0.300	0.450		0.819		
B14	1	4.000	0.300	0.450		0.540		
B15	1	10.490	0.300	0.450		1.417		
B16	1	5.560	0.300	0.300		0.501		
B17	1	8.210	0.300	0.300		0.739		
B18	1	9.500	0.300	0.300		0.855		
B19	1	4.790	0.300	0.300		0.432		
B20	1	9.420	0.300	0.300		0.848		

B21	1	10.490	0.300	0.300	0.945
B22	1	2.100	0.300	0.300	0.189
B23	1	3.800	0.300	0.300	0.342
B24	1	2.190	0.300	0.300	0.198
B25	1	3.800	0.300	0.450	0.513
B26	1	16.840	0.300	0.300	1.516
B27	1	16.690	0.300	0.450	2.254
B28	1	14.670	0.300	0.450	1.981
B29	1	6.990	0.300	0.450	0.944
B30	1	5.780	0.300	0.450	0.781
B31	1	6.090	0.300	0.450	0.823
B32	1	9.220	0.300	0.450	1.245
B33	1	7.590	0.300	0.450	1.025
B34	1	9.520	0.300	0.450	1.286
B35	1	15.650	0.300	0.450	2.113
B36	1	16.660	0.300	0.450	2.250
B37	1	15.480	0.300	0.450	2.090
B38	1	5.500	0.300	0.300	0.495
B39	1	5.500	0.300	0.450	0.743
B40	1	1.440	0.300	0.300	0.130
B41	1	1.440	0.300	0.300	0.130
B42	1	1.790	0.300	0.300	0.162
B43	1	2.060	0.300	0.450	0.279
B44	1	2.060	0.300	0.450	0.279
B45	1	4.310	0.300	0.450	0.582
B46	1	6.290	0.300	0.450	0.850
B47	1	5.500	0.300	0.450	0.743
B48	1	1.240	0.300	0.450	0.168
B49	1	4.660	0.300	0.450	0.630
B50	1	0.490	0.250	0.450	0.056
B51	1	0.740	0.250	0.300	0.056
B52	1	0.490	0.250	0.300	0.037
GROUND FLOOR ROOF SLAB					

S1	1	13.900	3.850	0.150		8.028	
S1	1	2.400	4.900	0.150		1.764	
S1	1	4.700	6.990	0.150		4.928	
S1	1	2.490	4.900	0.150		1.831	
S1	1	13.730	3.860	0.150		7.950	
S1	1	14.200	4.780	0.150		10.182	
S1	1	14.000	4.780	0.150		10.038	
S1	1	37.230	4.160	0.150		23.232	
S1	1	10.100	4.180	0.150		6.333	
S1	1	11.100	4.180	0.150		6.960	
S1	1	8.100	5.850	0.150		7.108	
S2	1	23.200	2.090	0.150		7.274	
S2	1	11.100	2.100	0.150		3.497	
S3	1	2.930	2.100	0.150		0.923	
S3	1	16.030	2.330	0.150		5.603	
S3	1	16.030	1.850	0.150		4.449	
S3	1	2.360	1.350	0.150		0.478	
Other Engin TERRACE SLOPED PARAPETONS							
	1	130.000	1.150	0.130		19.436	
PRICE STAIRCASE							
MAIN STAIR,WAIST SLAB	1	3.610	2.000	0.150		1.083	
	2	2.010	2.000	0.150		1.206	
	2	2.340	2.000	0.150		1.404	
LANDING	3	2.000	2.000	0.150		1.800	
STEPS	2*0.5*24	2.000	0.300	0.150		2.160	
LANDING BEAM	1	6.700	0.300	0.700		1.407	
FIRE STAIR	1	6.280	1.000	0.150		0.942	
	1	2.000	1.000	0.150		0.300	
	0.5*22	1.000	0.250	0.170		0.468	
	1	2.100	0.200	0.450		0.190	
Total Quantity						221.713 cum	
Total Deducted Quantity						0.000 cum	

		Net Total Quantity						221.713 cum
		Say 221.713 cum @ Rs 10284.20 / cum						Rs 2280140.83
9	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete							
	FOOTING							
	F1	10*4	1.500		0.350		21.000	
	F2	18*4	2.000		0.400		57.600	
	F3	10*4	2.000		0.500		40.000	
	F4	9*4	2.200		0.600		47.520	
	F5	2*4	2.500		0.650		13.000	
	F6	2*2	2.500+2.2		0.800		15.041	
	F7	5*2	2.500+1.5		0.750		30.000	
	F8	1*2	2.500+2		0.750		6.750	
	LIFT	1*2	3.300+3.2		0.750		9.750	
		Total Quantity						240.661 sqm
		Total Deducted Quantity						0.000 sqm
		Net Total Quantity						240.661 sqm
		Say 240.661 sqm @ Rs 275.12 / sqm						Rs 66210.65
10	5.9.2 Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.							
	LIFT PIT SHEAR WALL							
		2*2	1.450		0.900		5.220	
		2*2	1.800		0.900		6.480	
		Total Quantity						11.700 sqm
		Total Deducted Quantity						0.000 sqm
		Net Total Quantity						11.700 sqm
		Say 11.700 sqm @ Rs 537.04 / sqm						Rs 6283.37
11	5.9.6 Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts							
	GROUND FLOOR COLUMNS FORM WORK							
	C1	21*2	0.300+.45		3.450		108.676	
	C2	35*2	0.300+.6		3.450		217.350	

	C3	5*2	0.300+.6		3.450		31.050		
	TERRACE DUMMY COLUMNS FORM WORK								
	C1	21*2	0.300+.45		1.000		31.500		
	C2	35*2	0.300+.6		1.000		63.000		
	C3	5*2	0.300+.6		1.000		9.000		
	STUB COLUMNS								
	C1	5*2	0.300+.45		0.450		3.375		
	C1	15*2	0.300+.45		0.400		9.001		
	C1	2*2	0.300+.45		0.900		2.700		
	C2	11*2	0.300+.6		0.450		8.910		
	C2	21*2	0.300+.6		0.400		15.120		
	C2	2*2	0.300+.6		0.900		3.240		
	C3	3*2	0.300+.6		0.400		2.160		
	C3	2*2	0.300+.6		0.300		1.080		
	Total Quantity						506.162 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						506.162 sqm		
	Other Engineering Quantity Say 506.162 sqm @ Rs 663.65 / sqm						Rs 335914.41		
12	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers								
	GROUND FLOOR ROOF BEAMS								
	B1	1	12.960		1.200		15.552		
	B2	1	12.790		1.200		15.348		
	B3	1	12.970		1.500		19.456		
	B4	1	8.090		1.500		12.135		
	B5	1	12.770		1.200		15.324		
	B6	1	12.900		1.200		15.480		
	B7	1	8.690		1.500		13.035		
	B8	1	12.820		1.200		15.384		
	B9	1	12.810		1.200		15.372		
	B10	1	8.250		1.200		9.900		
	B11	1	12.750		1.500		19.125		

	B12	1	9.590		1.500		14.385	
	B13	1	6.060		1.500		9.090	
	B14	1	4.000		1.500		6.000	
	B15	1	10.490		1.500		15.735	
	B16	1	5.560		1.200		6.672	
	B17	1	8.210		1.200		9.852	
	B18	1	9.500		1.200		11.400	
	B19	1	4.790		1.200		5.748	
	B20	1	9.420		1.200		11.304	
	B21	1	10.490		1.200		12.588	
	B22	1	2.100		1.200		2.520	
	B23	1	3.800		1.200		4.560	
	B24	1	2.190		1.200		2.628	
	B25	1	3.800		1.500		5.700	
	B26	1	16.840		1.200		20.208	
	B27	1	16.690		1.500		25.036	
	B28	1	14.670		1.500		22.005	
	B29	1	6.990		1.500		10.485	
	B30	1	5.780		1.500		8.670	
	B31	1	6.090		1.500		9.135	
	B32	1	9.220		1.500		13.831	
	B33	1	7.590		1.500		11.385	
	B34	1	9.520		1.500		14.280	
	B35	1	15.650		1.500		23.475	
	B36	1	16.660		1.500		24.991	
	B37	1	15.480		1.500		23.220	
	B38	1	5.500		1.200		6.600	
	B39	1	5.500		1.500		8.250	
	B40	1	1.440		1.200		1.728	
	B41	1	1.440		1.200		1.728	
	B42	1	1.790		1.200		2.148	
	B43	1	2.060		1.500		3.090	
	B44	1	2.060		1.500		3.090	

	B45	1	4.310		1.500		6.465	
	B46	1	6.290		1.500		9.435	
	B47	1	5.500		1.500		8.250	
	B48	1	1.240		1.500		1.860	
	B49	1	4.660		1.500		6.990	
	B50	1	0.490		0.850		0.417	
	B51	1	0.740		0.850		0.629	
	B52	1	0.490		0.850		0.417	
GROUND FLOOR LINTELS AND SILLS								
	BLOCK WORK	1*2	4.330		0.300		2.598	
		1*2	5.270		0.300		3.162	
		1*2	0.700		0.300		0.420	
		1*2	2.600		0.300		1.560	
		2*2	3.000		0.300		3.600	
		1*2	3.800		0.300		2.280	
		1*2	2.330		0.300		1.398	
		1*2	5.750		0.300		3.450	
		1*2	4.740		0.300		2.844	
		1*2	5.080		0.300		3.048	
		1*2	1.750		0.300		1.050	
		1*2	1.790		0.300		1.074	
		1*2	3.430		0.300		2.058	
		1*2	3.420		0.300		2.052	
		1*2	5.750		0.300		3.450	
		1*2	4.740		0.300		2.844	
		1*2	4.240		0.300		2.544	
		1*2	1.240		0.300		0.744	
		1*2	5.560		0.300		3.336	
		1*2	1.240		0.300		0.744	
		1*2	5.170		0.300		3.102	
		1*2	4.330		0.300		2.598	
		1*2	3.490		0.300		2.094	
		1*2	3.800		0.300		2.280	

		1*2	4.340		0.300	2.604	
		1*2	2.960		0.300	1.776	
		1*2	5.180		0.300	3.108	
	INTERNAL WALLS	1*2	4.300		0.300	2.580	
		1*2	3.800		0.300	2.280	
		1*2	2.960		0.300	1.776	
		1*2	4.030		0.300	2.418	
		1*2	2.190		0.300	1.314	
		1*2	4.300		0.300	2.580	
		1*2	3.390		0.300	2.034	
		2*2	2.960		0.300	3.552	
		1*2	3.570		0.300	2.142	
		1*2	4.290		0.300	2.574	
		1*2	2.800		0.300	1.680	
		1*2	2.330		0.300	1.398	
		1*2	4.030		0.300	2.418	
		1*2	4.240		0.300	2.544	
		1*2	5.270		0.300	3.162	
		1*2	3.400		0.300	2.040	
		1*2	8.390		0.300	5.034	
		1*2	4.740		0.300	2.844	
		1*2	4.240		0.300	2.544	
		1*2	5.260		0.300	3.156	
		1*2	3.310		0.300	1.986	
		1*2	2.300		0.300	1.380	
		1*2	1.950		0.300	1.170	
		1*2	2.260		0.300	1.356	
		1*2	5.750		0.300	3.450	
		1*2	4.740		0.300	2.844	
		1*2	3.430		0.300	2.058	
		1*2	1.870		0.300	1.122	
		2*2	2.790		0.300	3.348	
		1*2	2.900		0.300	1.740	

		1*2	4.800		0.300		2.880	
		1*2	3.500		0.300		2.100	
		1*2	1.940		0.300		1.164	
		1*2	1.240		0.300		0.744	
		1*2	2.000		0.300		1.200	
		1*2	1.910		0.300		1.146	
		2*2	1.800		0.300		2.160	
		1*2	1.710		0.300		1.026	
		1*2	5.900		0.300		3.540	
	10 CM WALLS	1*2	4.640		0.300		2.784	
		1*2	2.700		0.300		1.620	
		1*2	6.210		0.300		3.726	
		2*2	2.800		0.300		3.360	
		2*2	1.500		0.300		1.800	
		2*2	1.498		0.300		1.798	
		1*2	2.700		0.300		1.620	
		1*2	2.690		0.300		1.614	
		1*2	4.630		0.300		2.778	
Other Engineering Organizations								
PRICE								
DEDUCTION FOR SILLS AT DOORS								
	20CM WALLS,D1	9	1.000		0.300		-2.699	
	D2	6	1.200		0.300		-2.160	
	D3	6	0.800		0.300		-1.440	
	RS	3*2	2.400		0.300		-4.320	
	10CM WALLS,D1	6	1.000		0.300		-1.799	
	D3	1	0.800		0.300		-0.240	
GRADE BEAM SIDES								
	B1	2	29.610		0.600		35.532	
	B1	2	49.950		0.600		59.940	
	B1	2	44.340		0.600		53.209	
	B1	2	40.980		0.600		49.176	
	B1	2	47.890		0.600		57.468	
	B1	2	43.230		0.600		51.876	
	B1	2	56.260		0.600		67.512	

	B2	2	40.120		0.600		48.144	
	B2	2	13.000		0.600		15.600	
	B2	2	14.460		0.600		17.352	
	B3	2	9.240		0.600		11.088	
	B3	2	5.400		0.600		6.480	
DEDUCTION FOR GROUND FLOOR SLAB EDGES								
	S1 BETWEEN 2 TO 3	2	4.330+3.2 6		0.200		-3.036	
		2	5.270+3.2 6		0.200		-3.412	
		2	3.400+3.2 6		0.200		-2.664	
		2	5.750+3.5 6		0.200		-3.724	
		2	4.750+3.5 6		0.200		-3.324	
	S1 BETWEEN 3 TO 5	2	4.330+4.4 9		0.200		-3.528	
		2	5.270+4.4 9		0.200		-3.904	
		2	3.400+4.4 9		0.200		-3.156	
		2	5.750+4.1 9		0.200		-3.976	
		2	4.750+4.1 9		0.200		-3.576	
	S1 BETWEEN 6 TO 7	2	4.330+3.8 7		0.200		-3.280	
		2	5.270+3.8 7		0.200		-3.656	
		2	5.750+3.8 7		0.200		-3.848	
		2	4.750+3.8 7		0.200		-3.448	
	S1 BETWEEN 7 TO 8	2	4.330+3.8 8		0.200		-3.284	

		2	5.270+3.8 8		0.200		-3.659	
		2	5.750+3.8 8		0.200		-3.852	
		2	4.750+3.8 8		0.200		-3.452	
Total Quantity							1194.890 sqm	
Total Deducted Quantity							-75.437 sqm	
Net Total Quantity							1119.453 sqm	
Say 1119.453 sqm @ Rs 486.40 / sqm							Rs 544501.94	
13	5.9.7 Centering and shuttering including strutting, etc. and removal of form for:Stairs, (excluding landings) except spiral - staircases)							
Centering and shuttering								
	Centering and shuttering	1	62.400				62.400	
Total Quantity							62.400 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							62.400 sqm	
Say 62.400 sqm @ Rs 594.85 / sqm							Rs 37118.64	
14	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform							
GROUND FLOOR ROOF SLAB								
	S1	1	13.900	3.850			53.515	
	S1	1	2.400	4.900			11.760	
	S1	1	4.700	6.990			32.853	
	S1	1	2.490	4.900			12.202	
	S1	1	13.730	3.860			52.998	
	S1	1	14.200	4.780			67.876	
	S1	1	14.000	4.780			66.920	
	S1	1	37.230	4.160			154.877	
	S1	1	10.100	4.180			42.218	
	S1	1	11.100	4.180			46.398	
	S1	1	8.100	5.850			47.385	

S2	1	23.200	2.090			48.488	
S2	1	11.100	2.100			23.310	
S3	1	2.930	2.100			6.154	
S3	1	16.030	2.330			37.350	
S3	1	16.030	1.850			29.656	
S3	1	2.360	1.350			3.186	
GROUND FLOOR COLUMNS							
C1	21	0.300	0.450			-2.835	
C2	35	0.300	0.600			-6.300	
C3	5	0.300	0.600			-0.899	
GROUND FLOOR ROOF BEAMS							
B1	1	12.960	0.300			-3.888	
B2	1	12.790	0.300			-3.836	
B3	1	12.970	0.300			-3.891	
B4	1	8.090	0.300			-2.427	
B5	1	12.770	0.300			-3.830	
B6	1	12.900	0.300			-3.870	
B7	1	8.690	0.300			-2.606	
B8	1	12.820	0.300			-3.846	
B9	1	12.810	0.300			-3.843	
B10	1	8.250	0.300			-2.475	
B11	1	12.750	0.300			-3.824	
B12	1	9.590	0.300			-2.877	
B13	1	6.060	0.300			-1.817	
B14	1	4.000	0.300			-1.200	
B15	1	10.490	0.300			-3.147	
B16	1	5.560	0.300			-1.668	
B17	1	8.210	0.300			-2.463	
B18	1	9.500	0.300			-2.850	
B19	1	4.790	0.300			-1.437	
B20	1	9.420	0.300			-2.826	
B21	1	10.490	0.300			-3.147	
B22	1	2.100	0.300			-0.630	

B23	1	3.800	0.300			-1.140	
B24	1	2.190	0.300			-0.656	
B25	1	3.800	0.300			-1.140	
B26	1	16.840	0.300			-5.052	
B27	1	16.690	0.300			-5.007	
B28	1	14.670	0.300			-4.401	
B29	1	6.990	0.300			-2.097	
B30	1	5.780	0.300			-1.734	
B31	1	6.090	0.300			-1.827	
B32	1	9.220	0.300			-2.766	
B33	1	7.590	0.300			-2.276	
B34	1	9.520	0.300			-2.856	
B35	1	15.650	0.300			-4.695	
B36	1	16.660	0.300			-4.998	
B37	1	15.480	0.300			-4.644	
B38	1	5.500	0.300			-1.650	
B39	1	5.500	0.300			-1.650	
B40	1	1.440	0.300			-0.432	
B41	1	1.440	0.300			-0.432	
B42	1	1.790	0.300			-0.537	
B43	1	2.060	0.300			-0.618	
B44	1	2.060	0.300			-0.618	
B45	1	4.310	0.300			-1.293	
B46	1	6.290	0.300			-1.887	
B47	1	5.500	0.300			-1.650	
B48	1	1.240	0.300			-0.372	
B49	1	4.660	0.300			-1.398	
B50	1	0.490	0.250			-0.122	
B51	1	0.740	0.250			-0.185	
B52	1	0.490	0.250			-0.122	
					Total Quantity	737.146 sqm	
					Total Deducted Quantity	-130.687 sqm	
					Net Total Quantity	606.459 sqm	

		Say 606.459 sqm @ Rs 599.03 / sqm				Rs 363287.13	
15	5.34.1 Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).						
FOOTING							
F1		10	1.500	1.500	0.350		7.875
		10*0.33	1.5*1.5+0.5*0.8+0.948		0.400		4.750
F2		18	2.000	2.000	0.400		28.800
		18*0.33	2*2+0.5*0.8+1.26		0.400		13.449
F3		10	2.000	2.000	0.500		20.000
		10*0.33	2*2+0.5*0.8+1.26		0.300		5.604
F4		9	2.200	2.200	0.600		26.137
		9*0.33	2.2*2.2+0.5*0.8+1.39		0.200		3.939
F5		2	2.500	2.500	0.650		8.125
		2*0.33	2.5*2.5+0.5*0.8+1.58		0.250		1.358
F6		2	2.500	2.200	0.800		8.800
F7		5	2.500	1.500	0.750		14.063
F8		1	2.500	2.000	0.750		3.750
LIFT		1	3.300	3.200	0.750		7.920
GRADE BEAM							
B1		1	29.610	0.300	0.600		5.330
B1		1	49.950	0.300	0.600		8.991
B1		1	44.340	0.300	0.600		7.982
B1		1	40.980	0.300	0.600		7.377
B1		1	47.890	0.300	0.600		8.621
B1		1	43.230	0.300	0.600		7.782
B1		1	56.260	0.300	0.600		10.127

	B2	1	40.120	0.300	0.600		7.222	
	B2	1	13.000	0.300	0.600		2.340	
	B2	1	14.460	0.300	0.600		2.603	
	B3	1	9.240	0.300	0.600		1.664	
	B3	1	5.400	0.300	0.600		0.972	
GROUND FLOOR SLAB								
	S1 BETWEEN 2 TO 3	1	4.330	3.260	0.200		2.824	
		1	5.270	3.260	0.200		3.437	
		1	3.400	3.260	0.200		2.217	
		1	5.750	3.560	0.200		4.095	
		1	4.750	3.560	0.200		3.382	
	S1 BETWEEN 3 TO 5	1	4.330	4.490	0.200		3.889	
		1	5.270	4.490	0.200		4.733	
		1	3.400	4.490	0.200		3.054	
		1	5.750	4.190	0.200		4.819	
		1	4.750	4.190	0.200		3.981	
	S1 BETWEEN 6 TO 7	1	4.330	3.870	0.200		3.352	
		1	5.270	3.870	0.200		4.079	
		1	5.750	3.870	0.200		4.451	
		1	4.750	3.870	0.200		3.677	
	S1 BETWEEN 7 TO 8	1	4.330	3.880	0.200		3.361	
		1	5.270	3.880	0.200		4.090	
		1	5.750	3.880	0.200		4.462	
		1	4.750	3.880	0.200		3.686	
STUB COLUMNS								
	C1	5	0.300	0.450	0.450		0.304	
	C1	15	0.300	0.450	0.400		0.810	
	C1	2	0.300	0.450	0.900		0.244	
	C2	11	0.300	0.600	0.450		0.891	
	C2	21	0.300	0.600	0.400		1.512	
	C2	2	0.300	0.600	0.900		0.324	
	C3	3	0.300	0.600	0.400		0.216	
	C3	2	0.300	0.600	0.300		0.108	

LIFT PIT SHEAR WALL								
		2	1.450	0.200	0.900		0.522	
		2	1.800	0.200	0.900		0.649	
GROUND FLOOR COLUMNS								
	C1	21	0.300	0.450	3.450		9.781	
	C2	35	0.300	0.600	3.450		21.735	
	C3	5	0.300	0.600	3.450		3.105	
GROUND FLOOR ROOF BEAMS								
	B1	1	12.960	0.300	0.300		1.167	
	B2	1	12.790	0.300	0.300		1.152	
	B3	1	12.970	0.300	0.300		1.168	
	B4	1	8.090	0.300	0.450		1.093	
	B5	1	12.770	0.300	0.300		1.150	
	B6	1	12.900	0.300	0.300		1.161	
	B7	1	8.690	0.300	0.450		1.174	
	B8	1	12.820	0.300	0.300		1.154	
	B9	1	12.810	0.300	0.300		1.153	
	B10	1	8.250	0.300	0.300		0.743	
	B11	1	12.750	0.300	0.450		1.722	
	B12	1	9.590	0.300	0.450		1.295	
	B13	1	6.060	0.300	0.450		0.819	
	B14	1	4.000	0.300	0.450		0.540	
	B15	1	10.490	0.300	0.450		1.417	
	B16	1	5.560	0.300	0.300		0.501	
	B17	1	8.210	0.300	0.300		0.739	
	B18	1	9.500	0.300	0.300		0.855	
	B19	1	4.790	0.300	0.300		0.432	
	B20	1	9.420	0.300	0.300		0.848	
	B21	1	10.490	0.300	0.300		0.945	
	B22	1	2.100	0.300	0.300		0.189	
	B23	1	3.800	0.300	0.300		0.342	
	B24	1	2.190	0.300	0.300		0.198	
	B25	1	3.800	0.300	0.450		0.513	

	B26	1	16.840	0.300	0.300		1.516	
	B27	1	16.690	0.300	0.450		2.254	
	B28	1	14.670	0.300	0.450		1.981	
	B29	1	6.990	0.300	0.450		0.944	
	B30	1	5.780	0.300	0.450		0.781	
	B31	1	6.090	0.300	0.450		0.823	
	B32	1	9.220	0.300	0.450		1.245	
	B33	1	7.590	0.300	0.450		1.025	
	B34	1	9.520	0.300	0.450		1.286	
	B35	1	15.650	0.300	0.450		2.113	
	B36	1	16.660	0.300	0.450		2.250	
	B37	1	15.480	0.300	0.450		2.090	
	B38	1	5.500	0.300	0.300		0.495	
	B39	1	5.500	0.300	0.450		0.743	
	B40	1	1.440	0.300	0.300		0.130	
	B41	1	1.440	0.300	0.300		0.130	
	B42	1	1.790	0.300	0.300		0.162	
	B43	1	2.060	0.300	0.450		0.279	
	B44	1	2.060	0.300	0.450		0.279	
	B45	1	4.310	0.300	0.450		0.582	
	B46	1	6.290	0.300	0.450		0.850	
	B47	1	5.500	0.300	0.450		0.743	
	B48	1	1.240	0.300	0.450		0.168	
	B49	1	4.660	0.300	0.450		0.630	
	B50	1	0.490	0.250	0.450		0.056	
	B51	1	0.740	0.250	0.300		0.056	
	B52	1	0.490	0.250	0.300		0.037	
	GROUND FLOOR ROOF SLAB							
	S1	1	13.900	3.850	0.150		8.028	
	S1	1	2.400	4.900	0.150		1.764	
	S1	1	4.700	6.990	0.150		4.928	
	S1	1	2.490	4.900	0.150		1.831	
	S1	1	13.730	3.860	0.150		7.950	

	S1	1	14.200	4.780	0.150		10.182	
	S1	1	14.000	4.780	0.150		10.038	
	S1	1	37.230	4.160	0.150		23.232	
	S1	1	10.100	4.180	0.150		6.333	
	S1	1	11.100	4.180	0.150		6.960	
	S1	1	8.100	5.850	0.150		7.108	
	S2	1	23.200	2.090	0.150		7.274	
	S2	1	11.100	2.100	0.150		3.497	
	S3	1	2.930	2.100	0.150		0.923	
	S3	1	16.030	2.330	0.150		5.603	
	S3	1	16.030	1.850	0.150		4.449	
	S3	1	2.360	1.350	0.150		0.478	
TERRACE SLOPED PARAPET								
		1	130.000	1.150	0.130		19.436	
STAIRCASE								
	MAIN STAIR,WAIST SLAB	1	3.610	2.000	0.150		1.083	
		2	2.010	2.000	0.150		1.206	
		2	2.340	2.000	0.150		1.404	
	LANDING	3	2.000	2.000	0.150		1.800	
	STEPS	2*0.5*24	2.000	0.300	0.150		2.160	
	LANDING BEAM	1	6.700	0.300	0.700		1.407	
	FIRE STAIR	1	6.280	1.000	0.150		0.942	
		1	2.000	1.000	0.150		0.300	
		0.5*22	1.000	0.250	0.170		0.468	
		1	2.100	0.200	0.450		0.190	
Total Quantity							520.463 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							520.463 cum	
Say 520.463 cum @ Rs 98.59 / cum							Rs 51312.45	
16	5.22.6	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more						
	FOOTING	1	154.570			45.0	6955.650	

	GRADE BEAM	1	71.010			142.0	10083.420		
	GROUND FLOOR SLAB	1	67.589			70.0	4731.230		
	STUB COLUMN	1	4.410			230.0	1014.301		
	LIFT PIT SHEAR WALL	1	1.171			141.0	165.112		
	Total Quantity						22949.713 kilogram		
	Total Deducted Quantity						0.000 kilogram		
	Net Total Quantity						22949.713 kilogram		
	Say 22949.713 kilogram @ Rs 80.29 / kilogram						Rs 1842632.46		
17	5.22A.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo - Mechanically Treated bars of grade Fe-500D or more								
	Ground floor columns	1	34.621			230.0	7962.831		
	Ground floor roof beam	1	46.118			142.0	6548.756		
	Ground floor roof slab	1	110.578			78.5	8680.373		
	Terrace slanting parapet	1	19.436			78.5	1525.726		
	Staircase	1	10.960			140.0	1534.400		
	Total Quantity						26252.086 kg		
	Total Deducted Quantity						0.000 kg		
	Net Total Quantity						26252.086 kg		
	Say 26252.086 kg @ Rs 80.29 / kg						Rs 2107779.98		
18	6.47 Providing and laying autoclaved aerated cement blocks masonry with 150mm/230mm/300 mm thick AAC blocks in super structure above plinth level up to floor Vlevel with RCC band at sill level and lintel level with approved block laying polymermodified adhesive mortar all complete as per direction of Engineer-in-Charge. (Thepayment of RCC band and reinforcement shall be made for seperately).								
	GROUND FLOOR								
	BLOCK WORK	1	4.330	0.200	3.150		2.728		
		1	5.270	0.200	3.150		3.321		
		1	0.700	0.200	3.150		0.441		
		1	2.600	0.200	3.150		1.638		
		2	3.000	0.200	3.000		3.601		
		1	3.800	0.200	3.150		2.394		

		1	2.330	0.200	3.150		1.468	
		1	5.750	0.200	3.150		3.623	
		1	4.740	0.200	3.150		2.987	
		1	5.080	0.200	3.000		3.048	
		1	1.750	0.200	3.000		1.050	
		1	1.790	0.200	3.000		1.074	
		1	3.430	0.200	3.000		2.059	
		1	3.420	0.200	3.000		2.052	
		1	5.750	0.200	3.150		3.623	
		1	4.740	0.200	3.150		2.987	
		1	4.240	0.200	3.150		2.672	
		1	1.240	0.200	3.000		0.744	
		1	5.560	0.200	3.150		3.503	
		1	1.240	0.200	3.000		0.744	
		1	5.170	0.200	3.150		3.258	
		1	4.330	0.200	3.150		2.728	
		1	3.490	0.200	3.150		2.199	
		1	3.800	0.200	3.150		2.394	
		1	4.340	0.200	3.150		2.735	
		1	2.960	0.200	3.150		1.865	
		1	5.180	0.200	3.600		3.730	
	INTERNAL WALLS	1	4.300	0.200	3.450		2.967	
		1	3.800	0.200	3.000		2.281	
		1	2.960	0.200	3.000		1.776	
		1	4.030	0.200	3.000		2.418	
		1	2.190	0.200	3.000		1.314	
		1	4.300	0.200	3.450		2.967	
		1	3.390	0.200	3.000		2.035	
		2	2.960	0.200	3.000		3.552	
		1	3.570	0.200	3.000		2.142	
		1	4.290	0.200	3.000		2.575	
		1	2.800	0.200	3.450		1.932	
		1	2.330	0.200	3.150		1.468	

		1	4.030	0.200	3.000		2.418	
		1	4.240	0.200	3.150		2.672	
		1	5.270	0.200	3.150		3.321	
		1	3.400	0.200	3.150		2.142	
		1	8.390	0.200	3.150		5.286	
		1	4.740	0.200	3.150		2.987	
		1	4.240	0.200	3.150		2.672	
		1	5.260	0.200	3.150		3.314	
		1	3.310	0.200	3.150		2.086	
		1	2.300	0.200	3.150		1.449	
		1	1.950	0.200	3.150		1.229	
		1	2.260	0.200	3.000		1.356	
		1	5.750	0.200	3.000		3.450	
		1	4.740	0.200	3.000		2.845	
		1	3.430	0.200	3.000		2.059	
		1	1.870	0.200	3.000		1.122	
		2	2.790	0.200	3.450		3.851	
		1	2.900	0.200	3.450		2.001	
		1	4.800	0.200	3.450		3.312	
		1	3.500	0.200	3.000		2.100	
		1	1.940	0.200	3.000		1.165	
		1	1.240	0.200	3.000		0.744	
		1	2.000	0.200	3.450		1.381	
		1	1.910	0.200	3.450		1.318	
		2	1.800	0.200	3.450		2.485	
		1	1.710	0.200	3.450		1.180	
		1	5.900	0.200	3.000		3.541	
	10 CM WALLS	1	4.640	0.100	3.450		1.601	
		1	2.700	0.100	3.450		0.932	
		1	6.210	0.100	3.450		2.143	
		2	2.800	0.100	3.450		1.932	
		2	1.500	0.100	3.450		1.036	
		2	1.498	0.100	3.450		1.034	

		1	2.700	0.100	3.450		0.932	
		1	2.690	0.100	3.450		0.929	
		1	4.630	0.100	3.450		1.598	
	20CM WALLS,D1	9	1.000	0.200	2.100		-3.780	
	D2	6	1.200	0.200	2.400		-3.455	
	D3	6	0.800	0.200	2.100		-2.016	
	W2	4	1.000	0.200	1.500		-1.200	
	W3	1	1.500	0.200	1.500		-0.450	
	W4	12	2.000	0.200	1.500		-7.200	
	V	6	0.600	0.200	0.500		-0.360	
	RS	3	2.400	0.200	2.400		-3.455	
	10CM WALLS,D1	6	1.000	0.100	2.100		-1.260	
	D3	1	0.800	0.100	2.100		-0.168	
						Total Quantity	167.716 cum	
						Total Deducted Quantity	-23.344 cum	
						Net Total Quantity	144.372 cum	
						Say 144.372 cum @ Rs 8067.08 / cum	Rs 1164660.47	
19	13.4.2	Other Engineering Organisations						
	12 mm cement plaster of mix:1:6 (1 cement : 6 coarse sand)	PRICE						
		GROUND FLOOR						
	L I F T A N D E S C A L A T O R W O R K S H O P	1	47.420		3.450		163.600	
	W4	-4*0.5	2.000		1.500		-6.000	
	D1	-2*1	1.000		2.100		-4.200	
	D2	-1*0.5	1.200		2.100		-1.260	
	D3	-1*1	0.800		2.100		-1.680	
	RS	-1*0.5	2.400		2.400		-2.880	
	GI CABIN	1	10.430		3.450		35.984	
	W3	-1*0.5	1.500		1.500		-1.125	
	D1	-1*1	1.000		2.100		-2.100	
	CHANGING ROOM	1	8.590		3.450		29.636	
	D3	-1*1	0.800		2.100		-1.680	
	STORE	1	9.390		3.450		32.396	

	D1	-1*1	1.000		2.100		-2.100	
	LADIES TOILET	2	5.200		3.450		35.880	
	V	-2*0.5	0.600		0.500		-0.300	
	D3	-2*0.5	0.800		2.100		-1.680	
	DIFFERENTLY ABLED LADIES TOILET	1	6.800		3.450		23.460	
	V	-1*0.5	0.600		0.500		-0.150	
	D1	-1*0.5	1.000		2.100		-1.050	
	LADIES TOILET WASH AREA	1	11.600		3.450		40.020	
	D3	-2*0.5	0.800		2.100		-1.680	
	D1	-2*0.5	1.000		2.100		-2.100	
	GENTS TOILET	2	5.200		3.450		35.880	
	D3	-2*0.5	0.800		2.100		-1.680	
	DIFFERENTLY ABLED GENTS TOILET	1	6.790		3.450		23.426	
	V	-1*0.5	0.600		0.500		-0.150	
	D1	-1*0.5	1.000		2.100		-1.050	
	GENTS TOILET WASH AREA	1	11.500		3.450		39.676	
	D3	-2*0.5	0.800		2.100		-1.680	
	D1	-2*0.5	1.000		2.100		-2.100	
	LIFT	1	7.900		3.600		28.440	
		1*0.5	1.000		2.400		1.200	
	SURVEYOR LAB	1	3.750		3.450		12.938	
	D1	-1*0.5	1.000		2.100		-1.050	
	D2	-1*0.5	1.200		2.400		-1.440	
	W4	-2*0.5	2.000		1.500		-3.000	
	W2	-2*0.5	1.000		1.500		-1.500	
	RS	-1*0.5	2.400		2.400		-2.880	
	STORE	1	9.390		3.450		32.396	
	D1	-1*0.5	1.000		2.100		-1.050	
	GI CABIN	1	10.600		3.450		36.570	

	D1	-1*0.5	1.000		2.100		-1.050	
	STAFFROOM	1	29.500		3.450		101.775	
	D1	-1*0.5	1.000		2.100		-1.050	
	D3	-2*0.5	0.800		2.100		-1.680	
	TOILET	2	6.620		3.450		45.679	
	D3	-2*0.5	0.800		2.100		-1.680	
	V	-1*0.5	0.600		0.500		-0.150	
	DRAUGHTSMAN MECHANICAL LAB	1	40.300		3.450		139.035	
	D2	-2*0.5	1.200		2.400		-2.880	
	D1	-2*0.5	1.000		2.100		-2.100	
	W4	-2*0.5	2.000		1.500		-3.000	
	W2	-2*0.5	1.000		1.500		-1.500	
	STORE	1	9.500		3.450		32.775	
	D1	-1*1	1.000		2.100		-2.100	
	GI CABIN	1	10.600		3.450		36.570	
	D1	-1*1	1.000		2.100		-2.100	
	ELECTRONIC MECHANICAL LAB	1	40.200		3.450		138.691	
	W4	-2*0.5	2.000		1.500		-3.000	
	D2	-1*0.5	1.200		2.400		-1.440	
	D1	-2*1	1.000		2.100		-4.200	
	RS	-1*0.5	2.400		2.400		-2.880	
	GI CABIN	1	10.490		3.450		36.191	
	W4	-1*0.5	2.000		1.500		-1.500	
	D1	-1*1	1.000		2.100		-2.100	
	STORE	1	9.600		3.450		33.120	
	D1	-1*1	1.000		2.100		-2.100	
	ELECTRICAL ROOM	1	11.790		3.450		40.676	
	W4	-1*0.5	2.000		1.500		-1.500	
	D1	-1*0.5	1.000		2.100		-1.050	
	START UP CELL	1	14.040		3.450		48.438	
	D1	-1*0.5	1.000		2.100		-1.050	

	PASSAGE	1	63.340		3.450		218.524	
	D2	-6*0.5	1.200		2.400		-8.640	
	D1	-2*0.5	1.000		2.100		-2.100	
	RS	-3*0.5	2.400		2.400		-8.640	
	WAITING LOUNGE	1	23.800		3.450		82.111	
	STAIR	1	9.960		3.450		34.362	
	TOILET-OUTSIDE AREA	1	30.560		3.450		105.432	
	V	-2*0.5	0.600		0.500		-0.300	
	D1	-3*0.5	1.000		2.100		-3.150	
	TERRACE FLOOR							
	LIFT	1	7.900		3.000		23.701	
						Total Quantity	1578.077 sqm	
						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	1578.077 sqm	
						Say 1578.077 sqm @ Rs 238.66 / sqm	Rs 376623.86	
20	13.4.1 12 mm cement plaster of mix:1:4 (1 cement : 4 coarse sand)							
	12MM CEMENT PLASTER-EXTERNAL							
		1	14.200		3.600		51.120	
		1	19.100		3.600		68.760	
		1	10.400		3.600		37.441	
		1	8.510		3.600		30.636	
		1	6.590		3.600		23.724	
		1	7.310		3.600		26.316	
		1	11.400		3.600		41.040	
		1	33.130		3.600		119.269	
		1	7.710		3.600		27.756	
		1	2.990		3.600		10.765	
		1	3.600		3.600		12.960	
	W4	-12*0.5	2.000		1.500		-18.000	
	W3	-1*0.5	1.500		1.500		-1.125	
	W2	-4*0.5	1.000		1.500		-3.000	

	V	-4*0.5	0.600		0.500		-0.600	
	D2	-1*0.5	1.200		2.400		-1.440	
	TF							
	PARAPET	1	118.000		0.900		106.200	
	LIFT	1	9.300		3.000		27.901	
	Total Quantity						559.723 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						559.723 sqm	
	Say 559.723 sqm @ Rs 256.54 / sqm						Rs 143591.34	
21	13.16.1 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)							
	GROUND FLOOR CEILING PLASTERING							
	L I F T A N D E S C A L A T O R W O R K S H O P	1	11.090	8.650			95.929	
		1	2.990	2.030			6.070	
	GI CABIN	1	3.000	2.810			8.430	
	CHANGING ROOM	1	3.000	1.500			4.500	
	STORE	1	3.000	2.290			6.870	
		1	2.100	4.890			10.269	
		1	2.500	4.890			12.225	
	LADIES TOILET	1	4.700	3.600			16.920	
	GENTS TOILET	1	4.700	3.390			15.934	
	ELECTRICAL ROOM	1	2.530	3.860			9.766	
	START -UP CELL	1	2.830	4.780			13.528	
	SURVEYOR LAB	1	7.300	8.650			63.145	
		1	2.890	3.650			10.549	
	STORE	1	2.890	2.200			6.359	
	GI CABIN	1	2.900	2.790			8.091	
	STAFFROOM	1	6.660	1.360			9.058	
		1	4.460	5.330			23.772	
		1	2.200	1.510			3.323	
	STAFF TOILET	2	2.200	1.910			8.404	

	ELECTRONIC MECHANICAL LAB	1	8.390	8.600			72.154	
		1	2.800	3.600			10.080	
	STORE	1	2.800	2.840			7.952	
	GI CABIN	1	2.800	2.840			7.952	
	DRAUGHTSMAN MECHANICAL LAB	1	8.400	8.650			72.661	
		1	2.990	3.610			10.794	
	STORE	1	2.990	2.300			6.877	
	GI CABIN	1	2.990	2.730			8.163	
	PASSAGE	1	37.230	1.790			66.642	
	WAITING LOUNGE	1	8.960	6.690			59.943	
	ENTRANCE	1	8.100	2.800			22.680	
	CARPORCH	1	8.800	5.000			44.000	
GROUND FLOOR ISOLATED BEAMS								
	LIFT AND ESCALATOR WORKSHOP	1	10.890		0.450		4.901	
		2	7.150		0.450		6.436	
	CHANGING ROOM	1	2.700		0.450		1.215	
		1	2.100		0.300		0.630	
		1	2.200		0.300		0.660	
	SURVEYOR LAB	1	7.000		0.450		3.150	
		1	7.140		0.450		3.213	
	STORE	1	2.900		0.450		1.305	
	STAFFROOM	1	6.060		0.450		2.727	
	ELECTRONIC MECHANICAL LAB	1	8.090		0.300		2.427	
		1	7.140		0.450		3.213	
	DRAUGHTSMAN MECHANICAL LAB	1	8.100		0.450		3.645	
		1	7.140		0.450		3.213	
	STORE	1	2.690		0.450		1.211	
	PASSAGE	6	1.790		0.450		4.833	
	WAITING LOUNGE	1	8.960		0.450		4.033	

		1	5.740		0.450		2.583	
		1	4.000		0.300		1.200	
	ENTRANCE	1	6.900		0.300		2.070	
		2	1.540		0.450		1.387	
	CARPORCH	3	5.550		0.450		7.493	
		1	6.290		0.450		2.831	
		Total Quantity					787.416 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					787.416 sqm	
		Say 787.416 sqm @ Rs 203.98 / sqm					Rs 160617.12	
22	<p>22.5 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.</p>							
	WATER PROOFING							
	LADIES TOILET	2	1.100	1.500			3.301	
		2*2	1.1+1.5		0.300		3.120	
	L A D I E S DIFFERENTLY ABLED TOILET	1	1.900	1.500			2.850	
		1*2	1.9+1.5		0.300		2.040	
	GENTS TOILET	2	1.100	1.500			3.301	
		2*2	1.1+1.5		0.300		3.120	
	G E N T S DIFFERENTLY ABLED TOILET	1	1.900	1.500			2.850	
		1*2	1.9+1.5		0.300		2.040	
	STAFFROOM TOILET	2	1.800	1.500			5.400	
		2*2	1.8+1.5		0.300		3.960	
		Total Quantity					31.982 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					31.982 sqm	

		Say 31.982 sqm @ Rs 423.14 / sqm				Rs 13532.86	
23	11.41.2 Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600 x 600 mm.						
GROUND FLOOR VITRIFIED TILES							
	L I F T A N D E S C A L A T O R W O R K S H O P	1	11.000	8.240			90.640
		1	2.800	1.840			5.152
		2	23.880		0.100		4.776
	GI CABIN	1	2.700	2.500			6.750
		2	2.7+2.5		0.100		1.040
	CHANGING ROOM	1	2.700	1.500			4.051
		2	2.7+1.5		0.100		0.841
	STORE	1	2.700	2.000			5.400
		1	2.100	4.690			9.850
		1	2.200	4.690			10.319
		2	18.380		0.100		3.676
	ELECTICAL ROOM	1	2.440	3.460			8.443
		2	2.44+3.46		0.100		1.181
	START-UP CELL	1	2.440	4.590			11.200
		2	2.44+4.59		0.100		1.406
	E L E C T R O N I C M E C H A N I C A L L A B	1	8.200	8.250			67.650
		1	2.800	3.400			9.520
		2	22.650		0.100		4.530
	GI CABIN	1	2.700	2.550			6.885
		2	2.7+2.55		0.100		1.050
	STORE	1	2.700	2.200			5.941
		2	2.7+2.2		0.100		0.981
	SURVEYOR LAB	1	7.100	8.250			58.575
		1	2.900	3.440			9.976
		2	21.690		0.100		4.338

	L A D I E S DIFFERENTLY ABLED TOILET	1	6.800		2.100		14.280	
	WASH AREA	1	11.600		0.600		6.960	
	GENTS TOILET	2	5.200		2.100		21.841	
	G E N T S DIFFERENTLY ABLED TOILET	1	6.800		2.100		14.280	
	WASH AREA	1	11.600		0.600		6.960	
	STAFF TOILET	2	6.600		2.100		27.720	
	WASH AREA	1	5.500		0.600		3.300	
	D3	-6	0.800		2.100		-10.080	
	D1	-4	1.000		2.100		-8.400	
	V	-6	0.600		0.500		-1.799	
						Total Quantity	96.903 sqm	
						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	96.903 sqm	
						Say 96.903 sqm @ Rs 1056.50 / sqm	Rs 102378.02	
25	11.38	<p style="text-align: center;">Other Engineering Organisations</p> <p>Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 Coarse sand), including pointing the joints with white cement and matching pigments etc., complete.</p>						
		CERAMIC GLAZED FLOOR TILES						
	LADIES TOILET	2	1.100	1.500			3.301	
	L A D I E S DIFFERENTLY ABLED TOILET	1	1.900	1.500			2.850	
	WASH AREA	1	4.300	1.500			6.450	
	GENTS TOILET	2	1.100	1.500			3.301	
	G E N T S DIFFERENTLY ABLED TOILET	1	1.900	1.500			2.850	
	WASH AREA	1	4.300	1.500			6.450	
	STAFF TOILET	2	1.800	1.500			5.400	
	WASH AREA	1	2.000	1.500			3.000	

					Total Quantity	33.602 sqm		
					Total Deducted Quantity	0.000 sqm		
					Net Total Quantity	33.602 sqm		
					Say 33.602 sqm @ Rs 1060.90 / sqm		Rs 35648.36	
26	od219580/2019_2020 Supply and install externally 1st quality 600x300x8mm ceramic tile walls cladding of cement ash or similar different colours, tile shall be laid and fixed to pre plastered walls in patterns, style and forms of grouting and jointing as directed by engineer using approved tile adhesive materials and pointed with approved tile joint filler matching the colour of tiles.							
	fin wall at widows	17*2	0.600		4.7		95.880	
	„	17	0.150		4.900		12.495	
	fin at corner	4*2	0.850		4.700		31.960	
	„	4	0.150		4.900		2.940	
					Total Quantity	143.275 sqm		
					Total Deducted Quantity	0.000 sqm		
					Net Total Quantity	143.275 sqm		
					Say 143.275 sqm @ Rs 1176.09 / sqm		Rs 168504.29	
27	od219670/2019_2020 Supply and install externally 1st quality 600x300x8mm brick pattern design colour ceramic tile wall cladding, tile shall be laid and fixed to pre-plastered walls in patterns, style and forms of grouting and jointing as directed by engineer using approved tile adhesive materials and pointed with approved tile joint filler matching the colour of tiles.							
		12	2.000		0.600		14.400	
		4	1.000		0.600		2.400	
		1	1.500		0.600		0.900	
					Total Quantity	17.700 sqm		
					Total Deducted Quantity	0.000 sqm		
					Net Total Quantity	17.700 sqm		
					Say 17.700 sqm @ Rs 1186.95 / sqm		Rs 21009.02	
28	13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer							
	GROUND FLOOR							
	L I F T A N D E S C A L A T O R W O R K S H O P	1	47.420		3.450		163.600	

	W4	-4*0.5	2.000		1.500		-6.000	
	D1	-2*1	1.000		2.100		-4.200	
	D2	-1*0.5	1.200		2.100		-1.260	
	D3	-1*1	0.800		2.100		-1.680	
	RS	-1*0.5	2.400		2.400		-2.880	
	GI CABIN	1	10.430		3.450		35.984	
	W3	-1*0.5	1.500		1.500		-1.125	
	D1	-1*1	1.000		2.100		-2.100	
	CHANGING ROOM	1	8.590		3.450		29.636	
	D3	-1*1	0.800		2.100		-1.680	
	STORE	1	9.390		3.450		32.396	
	D1	-1*1	1.000		2.100		-2.100	
	LADIES TOILET	2	5.200		3.450		35.880	
	V	-2*0.5	0.600		0.500		-0.300	
	D3	-2*0.5	0.800		2.100		-1.680	
	DIFFERENTLY ABLED LADIES TOILET	1	6.800		3.450		23.460	
	V	-1*0.5	0.600		0.500		-0.150	
	D1	-1*0.5	1.000		2.100		-1.050	
	LADIES TOILET WASH AREA	1	11.600		3.450		40.020	
	D3	-2*0.5	0.800		2.100		-1.680	
	D1	-2*0.5	1.000		2.100		-2.100	
	GENTS TOILET	2	5.200		3.450		35.880	
	D3	-2*0.5	0.800		2.100		-1.680	
	DIFFERENTLY ABLED GENTS TOILET	1	6.790		3.450		23.426	
	V	-1*0.5	0.600		0.500		-0.150	
	D1	-1*0.5	1.000		2.100		-1.050	
	GENTS TOILET WASH AREA	1	11.500		3.450		39.676	
	D3	-2*0.5	0.800		2.100		-1.680	
	D1	-2*0.5	1.000		2.100		-2.100	

	LIFT	1	7.900		3.600		28.440	
		1*0.5	1.000		2.400		1.200	
	SURVEYOR LAB	1	3.750		3.450		12.938	
	D1	-1*0.5	1.000		2.100		-1.050	
	D2	-1*0.5	1.200		2.400		-1.440	
	W4	-2*0.5	2.000		1.500		-3.000	
	W2	-2*0.5	1.000		1.500		-1.500	
	RS	-1*0.5	2.400		2.400		-2.880	
	STORE	1	9.390		3.450		32.396	
	D1	-1*0.5	1.000		2.100		-1.050	
	GI CABIN	1	10.600		3.450		36.570	
	D1	-1*0.5	1.000		2.100		-1.050	
	STAFFROOM	1	29.500		3.450		101.775	
	D1	-1*0.5	1.000		2.100		-1.050	
	D3	-2*0.5	0.800		2.100		-1.680	
	TOILET	2	6.620		3.450		45.679	
	D3	-2*0.5	0.800		2.100		-1.680	
	V	-1*0.5	0.600		0.500		-0.150	
	DRAUGHTSMAN MECHANICAL LAB	1	40.300		3.450		139.035	
	D2	-2*0.5	1.200		2.400		-2.880	
	D1	-2*0.5	1.000		2.100		-2.100	
	W4	-2*0.5	2.000		1.500		-3.000	
	W2	-2*0.5	1.000		1.500		-1.500	
	STORE	1	9.500		3.450		32.775	
	D1	-1*1	1.000		2.100		-2.100	
	GI CABIN	1	10.600		3.450		36.570	
	D1	-1*1	1.000		2.100		-2.100	
	ELECTRONIC MECHANICAL LAB	1	40.200		3.450		138.691	
	W4	-2*0.5	2.000		1.500		-3.000	
	D2	-1*0.5	1.200		2.400		-1.440	
	D1	-2*1	1.000		2.100		-4.200	

	RS	-1*0.5	2.400		2.400		-2.880	
	GI CABIN	1	10.490		3.450		36.191	
	W4	-1*0.5	2.000		1.500		-1.500	
	D1	-1*1	1.000		2.100		-2.100	
	STORE	1	9.600		3.450		33.120	
	D1	-1*1	1.000		2.100		-2.100	
	ELECTRICAL ROOM	1	11.790		3.450		40.676	
	W4	-1*0.5	2.000		1.500		-1.500	
	D1	-1*0.5	1.000		2.100		-1.050	
	START UP CELL	1	14.040		3.450		48.438	
	D1	-1*0.5	1.000		2.100		-1.050	
	PASSAGE	1	63.340		3.450		218.524	
	D2	-6*0.5	1.200		2.400		-8.640	
	D1	-2*0.5	1.000		2.100		-2.100	
	RS	-3*0.5	2.400		2.400		-8.640	
	WAITING LOUNGE	1	23.800		3.450		82.111	
	STAIR	1	9.960		3.450		34.362	
	TOILET-OUTSIDE AREA	1	30.560		3.450		105.432	
	V	-2*0.5	0.600		0.500		-0.300	
	D1	-3*0.5	1.000		2.100		-3.150	
TERRACE FLOOR								
	LIFT	1	7.900		3.000		23.701	
GROUND FLOOR CEILING PLASTERING								
	L I F T A N D E S C A L A T O R W O R K S H O P	1	11.090	8.650			95.929	
		1	2.990	2.030			6.070	
	GI CABIN	1	3.000	2.810			8.430	
	CHANGING ROOM	1	3.000	1.500			4.500	
	STORE	1	3.000	2.290			6.870	
		1	2.100	4.890			10.269	
		1	2.500	4.890			12.225	
	LADIES TOILET	1	4.700	3.600			16.920	

	GENTS TOILET	1	4.700	3.390			15.934	
	ELECTRICAL ROOM	1	2.530	3.860			9.766	
	START -UP CELL	1	2.830	4.780			13.528	
	SURVEYOR LAB	1	7.300	8.650			63.145	
		1	2.890	3.650			10.549	
	STORE	1	2.890	2.200			6.359	
	GI CABIN	1	2.900	2.790			8.091	
	STAFFROOM	1	6.660	1.360			9.058	
		1	4.460	5.330			23.772	
		1	2.200	1.510			3.323	
	STAFF TOILET	2	2.200	1.910			8.404	
	ELECTRONIC MECHANICAL LAB	1	8.390	8.600			72.154	
		1	2.800	3.600			10.080	
	STORE	1	2.800	2.840			7.952	
	GI CABIN	1	2.800	2.840			7.952	
	DRAUGHTSMAN MECHANICAL LAB	1	8.400	8.650			72.661	
		1	2.990	3.610			10.794	
	STORE	1	2.990	2.300			6.877	
	GI CABIN	1	2.990	2.730			8.163	
	PASSAGE	1	37.230	1.790			66.642	
	WAITING LOUNGE	1	8.960	6.690			59.943	
	ENTRANCE	1	8.100	2.800			22.680	
	CARPORCH	1	8.800	5.000			44.000	
	GROUND FLOOR ISOLATED BEAMS							
	LIFT AND ESCALATOR WORKSHOP	1	10.890		0.450		4.901	
		2	7.150		0.450		6.436	
	CHANGING ROOM	1	2.700		0.450		1.215	
		1	2.100		0.300		0.630	
		1	2.200		0.300		0.660	
	SURVEYOR LAB	1	7.000		0.450		3.150	

		1	7.140		0.450		3.213	
	STORE	1	2.900		0.450		1.305	
	STAFFROOM	1	6.060		0.450		2.727	
	ELECTRONIC MECHANICAL LAB	1	8.090		0.300		2.427	
		1	7.140		0.450		3.213	
	DRAUGHTSMAN MECHANICAL LAB	1	8.100		0.450		3.645	
		1	7.140		0.450		3.213	
	STORE	1	2.690		0.450		1.211	
	PASSAGE	6	1.790		0.450		4.833	
	WAITING LOUNGE	1	8.960		0.450		4.033	
		1	5.740		0.450		2.583	
		1	4.000		0.300		1.200	
	ENTRANCE	1	6.900		0.300		2.070	
		2	1.540		0.450		1.387	
	CARPORCH	3	5.550		0.450		7.493	
		1	6.290		0.450		2.831	
	Total Quantity						2365.493 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2365.493 sqm	
	Say 2365.493 sqm @ Rs 52.41 / sqm						Rs 123975.49	
29	13.50.3 Applying priming coat:With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron /steel works							
	red oxide zinc chromate primer							
	red oxide zinc chromate primer	1	65.250	1.000	1.000		65.250	
	before epoxy paint	1	150.720	1.000	1.000		150.720	
	Total Quantity						215.970 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						215.970 sqm	
	Say 215.970 sqm @ Rs 41.28 / sqm						Rs 8915.24	
30	13.82.2 Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50							

	grams/ litre, of approved brand and manufacture including applying additional coats wherever required, to achieve even shade and colour.Two coats							
	GROUND FLOOR							
	L I F T A N D E S C A L A T O R W O R K S H O P	1	47.420		3.450		163.600	
	W4	-4*0.5	2.000		1.500		-6.000	
	D1	-2*1	1.000		2.100		-4.200	
	D2	-1*0.5	1.200		2.100		-1.260	
	D3	-1*1	0.800		2.100		-1.680	
	RS	-1*0.5	2.400		2.400		-2.880	
	GI CABIN	1	10.430		3.450		35.984	
	W3	-1*0.5	1.500		1.500		-1.125	
	D1	-1*1	1.000		2.100		-2.100	
	CHANGING ROOM	1	8.590		3.450		29.636	
	D3	-1*1	0.800		2.100		-1.680	
	STORE	1	9.390		3.450		32.396	
	D1	-1*1	1.000		2.100		-2.100	
	LADIES TOILET	2	5.200		3.450		35.880	
	V	-2*0.5	0.600		0.500		-0.300	
	D3	-2*0.5	0.800		2.100		-1.680	
	D I F F E R E N T L Y A B L E D L A D I E S T O I L E T	1	6.800		3.450		23.460	
	V	-1*0.5	0.600		0.500		-0.150	
	D1	-1*0.5	1.000		2.100		-1.050	
	LADIES TOILET WASH AREA	1	11.600		3.450		40.020	
	D3	-2*0.5	0.800		2.100		-1.680	
	D1	-2*0.5	1.000		2.100		-2.100	
	GENTS TOILET	2	5.200		3.450		35.880	
	D3	-2*0.5	0.800		2.100		-1.680	
	D I F F E R E N T L Y A B L E D G E N T S T O I L E T	1	6.790		3.450		23.426	

	V	-1*0.5	0.600		0.500		-0.150	
	D1	-1*0.5	1.000		2.100		-1.050	
	GENTS TOILET WASH AREA	1	11.500		3.450		39.676	
	D3	-2*0.5	0.800		2.100		-1.680	
	D1	-2*0.5	1.000		2.100		-2.100	
	LIFT	1	7.900		3.600		28.440	
		1*0.5	1.000		2.400		1.200	
	SURVEYOR LAB	1	3.750		3.450		12.938	
	D1	-1*0.5	1.000		2.100		-1.050	
	D2	-1*0.5	1.200		2.400		-1.440	
	W4	-2*0.5	2.000		1.500		-3.000	
	W2	-2*0.5	1.000		1.500		-1.500	
	RS	-1*0.5	2.400		2.400		-2.880	
	STORE	1	9.390		3.450		32.396	
	D1	-1*0.5	1.000		2.100		-1.050	
	GI CABIN	1	10.600		3.450		36.570	
	D1	-1*0.5	1.000		2.100		-1.050	
	STAFFROOM	1	29.500		3.450		101.775	
	D1	-1*0.5	1.000		2.100		-1.050	
	D3	-2*0.5	0.800		2.100		-1.680	
	TOILET	2	6.620		3.450		45.679	
	D3	-2*0.5	0.800		2.100		-1.680	
	V	-1*0.5	0.600		0.500		-0.150	
	DRAUGHTSMAN MECHANICAL LAB	1	40.300		3.450		139.035	
	D2	-2*0.5	1.200		2.400		-2.880	
	D1	-2*0.5	1.000		2.100		-2.100	
	W4	-2*0.5	2.000		1.500		-3.000	
	W2	-2*0.5	1.000		1.500		-1.500	
	STORE	1	9.500		3.450		32.775	
	D1	-1*1	1.000		2.100		-2.100	
	GI CABIN	1	10.600		3.450		36.570	

	D1	-1*1	1.000		2.100		-2.100	
	ELECTRONIC MECHANICAL LAB	1	40.200		3.450		138.691	
	W4	-2*0.5	2.000		1.500		-3.000	
	D2	-1*0.5	1.200		2.400		-1.440	
	D1	-2*1	1.000		2.100		-4.200	
	RS	-1*0.5	2.400		2.400		-2.880	
	GI CABIN	1	10.490		3.450		36.191	
	W4	-1*0.5	2.000		1.500		-1.500	
	D1	-1*1	1.000		2.100		-2.100	
	STORE	1	9.600		3.450		33.120	
	D1	-1*1	1.000		2.100		-2.100	
	ELECTRICAL ROOM	1	11.790		3.450		40.676	
	W4	-1*0.5	2.000		1.500		-1.500	
	D1	-1*0.5	1.000		2.100		-1.050	
	START UP CELL	1	14.040		3.450		48.438	
	D1	-1*0.5	1.000		2.100		-1.050	
	PASSAGE	1	63.340		3.450		218.524	
	D2	-6*0.5	1.200		2.400		-8.640	
	D1	-2*0.5	1.000		2.100		-2.100	
	RS	-3*0.5	2.400		2.400		-8.640	
	WAITING LOUNGE	1	23.800		3.450		82.111	
	STAIR	1	9.960		3.450		34.362	
	TOILET-OUTSIDE AREA	1	30.560		3.450		105.432	
	V	-2*0.5	0.600		0.500		-0.300	
	D1	-3*0.5	1.000		2.100		-3.150	
	TERRACE FLOOR							
	LIFT	1	7.900		3.000		23.701	
	GROUND FLOOR CEILING PLASTERING							
	LIFT AND ESCALATOR WORKSHOP	1	11.090	8.650			95.929	
		1	2.990	2.030			6.070	

	GI CABIN	1	3.000	2.810			8.430	
	CHANGING ROOM	1	3.000	1.500			4.500	
	STORE	1	3.000	2.290			6.870	
		1	2.100	4.890			10.269	
		1	2.500	4.890			12.225	
	LADIES TOILET	1	4.700	3.600			16.920	
	GENTS TOILET	1	4.700	3.390			15.934	
	ELECTRICAL ROOM	1	2.530	3.860			9.766	
	START -UP CELL	1	2.830	4.780			13.528	
	SURVEYOR LAB	1	7.300	8.650			63.145	
		1	2.890	3.650			10.549	
	STORE	1	2.890	2.200			6.359	
	GI CABIN	1	2.900	2.790			8.091	
	STAFFROOM	1	6.660	1.360			9.058	
		1	4.460	5.330			23.772	
		1	2.200	1.510			3.323	
	STAFF TOILET	2	2.200	1.910			8.404	
	ELECTRONIC MECHANICAL LAB	1	8.390	8.600			72.154	
		1	2.800	3.600			10.080	
	STORE	1	2.800	2.840			7.952	
	GI CABIN	1	2.800	2.840			7.952	
	DRAUGHTSMAN MECHANICAL LAB	1	8.400	8.650			72.661	
		1	2.990	3.610			10.794	
	STORE	1	2.990	2.300			6.877	
	GI CABIN	1	2.990	2.730			8.163	
	PASSAGE	1	37.230	1.790			66.642	
	WAITING LOUNGE	1	8.960	6.690			59.943	
	ENTRANCE	1	8.100	2.800			22.680	
	CARPORCH	1	8.800	5.000			44.000	
	GROUND FLOOR ISOLATED BEAMS							

	L I F T A N D E S C A L A T O R W O R K S H O P	1	10.890		0.450		4.901		
		2	7.150		0.450		6.436		
	CHANGING ROOM	1	2.700		0.450		1.215		
		1	2.100		0.300		0.630		
		1	2.200		0.300		0.660		
	SURVEYOR LAB	1	7.000		0.450		3.150		
		1	7.140		0.450		3.213		
	STORE	1	2.900		0.450		1.305		
	STAFFROOM	1	6.060		0.450		2.727		
	E L E C T R O N I C M E C H A N I C A L L A B	1	8.090		0.300		2.427		
		1	7.140		0.450		3.213		
	D R A U G H T S M A N M E C H A N I C A L L A B	1	8.100		0.450		3.645		
		1	7.140		0.450		3.213		
	STORE	1	2.690		0.450		1.211		
	PASSAGE	6	1.790		0.450		4.833		
	WAITING LOUNGE	1	8.960		0.450		4.033		
		1	5.740		0.450		2.583		
		1	4.000		0.300		1.200		
	ENTRANCE	1	6.900		0.300		2.070		
		2	1.540		0.450		1.387		
	CARPORCH	3	5.550		0.450		7.493		
		1	6.290		0.450		2.831		
		Total Quantity					2365.493 sqm		
		Total Deducted Quantity					0.000 sqm		
		Net Total Quantity					2365.493 sqm		
		Say 2365.493 sqm @ Rs 104.83 / sqm					Rs 247974.63		
31	13.46.1 Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)								
	12MM CEMENT PLASTER-EXTERNAL								
		1	14.200		3.600		51.120		

		1	19.100		3.600		68.760	
		1	10.400		3.600		37.441	
		1	8.510		3.600		30.636	
		1	6.590		3.600		23.724	
		1	7.310		3.600		26.316	
		1	11.400		3.600		41.040	
		1	33.130		3.600		119.269	
		1	7.710		3.600		27.756	
		1	2.990		3.600		10.765	
		1	3.600		3.600		12.960	
	W4	-12*0.5	2.000		1.500		-18.000	
	W3	-1*0.5	1.500		1.500		-1.125	
	W2	-4*0.5	1.000		1.500		-3.000	
	V	-4*0.5	0.600		0.500		-0.600	
	D2	-1*0.5	1.200		2.400		-1.440	
				TF				
	PARAPET	1	118.000		0.900		106.200	
	LIFT	1	9.300		3.000		27.901	
					Total Quantity		559.723 sqm	
					Total Deducted Quantity		0.000 sqm	
					Net Total Quantity		559.723 sqm	
					Say 559.723 sqm @ Rs 136.25 / sqm		Rs 76262.26	
32	13.84.2							
	Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.Two coats							
	W4	12	2.000	1.500			36.000	
	W3	1	1.500	1.500			2.250	
	W2	4	1.000	1.500			6.000	
	V	6	0.600	0.500			1.800	
	RS	3	2.400	2.400	2.250		38.880	
					Total Quantity		84.930 sqm	
					Total Deducted Quantity		0.000 sqm	
					Net Total Quantity		84.930 sqm	

		Say 84.930 sqm @ Rs 106.46 / sqm					Rs 9041.65	
33	13.52.1 Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work							
		1	336.000	0.400			134.400	
		1	81.600	0.200			16.320	
		Total Quantity					150.720 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					150.720 sqm	
		Say 150.720 sqm @ Rs 173.77 / sqm					Rs 26190.61	
34	9.48.2 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. Fixed to openings/ wooden frames with rawl plugs screws etc							
	W4	12	2.000	1.500		17.0	612.000	
	W3	1	1.500	1.500		17.0	38.250	
	W2	4	1.000	1.500		17.0	102.000	
	V	6	0.600	0.500		17.0	30.600	
		Total Quantity					782.850 kg	
		Total Deducted Quantity					0.000 kg	
		Net Total Quantity					782.850 kg	
		Say 782.850 kg @ Rs 159.51 / kg					Rs 124872.40	
35	9.147.5 Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 +/- 0.2mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with S.S. friction hinges (350 x 19 x 1.9 mm) made of (big series) frame 67 x 60 mm & sash / mullion 67 x 80 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead/ double glazing							

	bead of appropriate dimension. (Area of window above 1.50 sqm).							
	UPVC WINDOWS							
	W4	12	2.000	1.500			36.000	
	W3	1	1.500	1.500			2.250	
	W2	4	1.000	1.500			6.000	
	Total Quantity						44.250 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						44.250 sqm	
	Say 44.250 sqm @ Rs 11877.38 / sqm						Rs 525574.07	
36	<p>9.147B.1 543SUB HEAD : 9 - WOOD & PVC WORK9.147B Providing and fixing factory made uPVC white colour fixed glazed windows/ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately). Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.)</p>							
	V	6	0.600	0.500			1.800	
	Total Quantity						1.800 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						1.800 sqm	
	Say 1.800 sqm @ Rs 7659.47 / sqm						Rs 13787.05	
37	<p>21.3.2 Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5.50 mm thickness</p>							
	UPVC WINDOWS							
	W4	12	2.000	1.500			36.000	
	W3	1	1.500	1.500			2.250	

	W2	4	1.000	1.500			6.000	
	V	6	0.600	0.500			1.800	
	Total Quantity						46.050 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						46.050 sqm	
	Say 46.050 sqm @ Rs 1424.10 / sqm						Rs 65579.81	
38	od219689/2019_2020 Supply and fixing ready made galvanized wooden texture Powder coating/Heat transfer/Fluorocarbon laminate painted steel doors with steel jamb,SS hinges & door sill ,sheet thickness of 1to 1.4mm, Cylindrical lock, high security locking systems (Multi lock models having 11 locking points, and can be operated with a single key), honeycomb paper Infilling material, five years warranty on all the hardware and locking system as per satisfaction of site Engineer in charge.The above rate included all fixing and fittings like security locks, hinges, hardware items etc.(Cuirass/l-leaf/GM or approved equivalent.)							
	D2	6	1.200	2.400			17.280	
	Total Quantity						17.280 sqm of door area	
	Total Deducted Quantity						0.000 sqm of door area	
	Net Total Quantity						17.280 sqm of door area	
	Say 17.280 sqm of door area @ Rs 10932.25 / sqm of door area						Rs 188909.28	
39	od219690/2019_2020 Supply and fix fully finished Pre Hung Door:- Both side HP Laminate vertical grain pattern Flush door with matching PVC wrapped WPC Jamb with front side Architrave other side tackers. Door of 35mm thick with 4 side edges painted / Lock Hole Boring (Using mortise lock)/ Hinge Rebate Cutting (4 Nos) ,Jamb width 100 mm. Latch with Lever handles without Keys SS finish - 1 No, Hinges 4" x 3" x 3mm SS finish - 4 Nos .Tower Bolt 6" SS Finish - 1 No.(Jacsons or Approved equivalent)							
	D3	7	0.800	2.100			11.761	
	Total Quantity						11.761 sqm of door area	
	Total Deducted Quantity						0.000 sqm of door area	
	Net Total Quantity						11.761 sqm of door area	
	Say 11.761 sqm of door area @ Rs 8728.21 / sqm of door area						Rs 102652.48	
40	od219691/2019_2020 Supply and fix fully finished Pre Hung Door:-Both side Veneered (Sapeli/ Beech /RC Walnut/RC Teak etc) vertical grains Flush door with matching Veneer Wrapped Engineered wood Jamb (Frame) with front side Architraves and other side Tackers, all with specialised Lacquer Polish. Door of 35 mm thick with 4							

	side PVC Lipping / Lock Hole Boring (using mortise lock) / Hinge Rebate cutting (4 Nos.) /Extruded Sauerland core / Honey comb core filling. as per drawing and agreed schedule of rates inclusive of all applicable taxes to the satisfaction of site Engineer in charge.The above rate included all fixing and fitting lock, hinges,hardware items etc. (Jacsons or approved equivalent)						
	D1	15	1.000	2.100			31.500
	Total Quantity						31.500 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						31.500 sqm
	Say 31.500 sqm @ Rs 9271.79 / sqm						Rs 292061.39
41	10.6.3 Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.80x0.90 mm M.S. laths with 0.90 mm thick to cover						
	ROLLING SHUTTER	3	2.400		2.400		17.280
	Total Quantity						17.280 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						17.280 sqm
	Say 17.280 sqm @ Rs 2436.34 / sqm						Rs 42099.96
42	10.7 Providing and fixing ball bearing for rolling shutters.						
		6					6.000
	Total Quantity						6.000 no
	Total Deducted Quantity						0.000 no
	Net Total Quantity						6.000 no
	Say 6.000 no @ Rs 538.04 / no						Rs 3228.24
43	10.28 Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)						
	stainless steel (Grade 304) railing						

	stainless steel (Grade 304) railing	1	315.200	1.000	1.000		315.200	
	Total Quantity						315.200 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						315.200 kg	
	Say 315.200 kg @ Rs 670.10 / kg						Rs 211215.52	
44	<p>od21082/2019_2020 Supply 100x100x4mm thick 6.00 m long Galvanized square hollow section member (AS 1163-2009 Grade min C350L0 AS/NZS 4792 Galvanised coatings on ferrous hollow sections) fixed vertically and anchored to RC parapet and base up stand, will be given a priming coat of Zinc primer as approved by Engineer-in-charge and painted with two or more coats of epoxy paint (Shop drawings shall be submitted by the contractor to the Engineer in-charge for approval before execution).</p>							
		1	336.000				336.000	
	Total Quantity						336.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						336.000 metre	
	Say 336.000 metre @ Rs 662.90 / metre						Rs 222734.40	
45	<p>od21085/2019_2020 Supply 50mmx50mmx16 g thick Galvanized square hollow section member (AS 1163-2009 Grade min C350L0 AS/NZS 4792 Galvanised coatings on ferrous hollow sections) fixed vertically and anchored to RC slab will be given a priming coat of Zinc primer as approved by Engineer-in-charge and painted with two or more coats of epoxy paint (painting measured separately)(Shop drawings shall be submitted by the contractor to the Engineer in-charge for approval before execution).</p>							
		4	20.400				81.600	
	Total Quantity						81.600 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						81.600 metre	
	Say 81.600 metre @ Rs 295.24 / metre						Rs 24091.58	
46	<p>od219801/2019_2020 Supply Cor-Ten A grade 3mm thick warm rolled perforated cassettes (ASTM A606) fixed to plastered wall spacing in the hidden plastic suspension mounts with stainless steel class</p>							
	W4	12	2.000		1.800		43.200	
	W2	4	1.000		1.800		7.200	
	W3	1	1.500		1.800		2.700	
	CARPORCH	1	2*5.85+8. 1		0.600		11.880	
	Total Quantity						64.980 sqm	

Total Deducted Quantity	0.000 sqm
Net Total Quantity	64.980 sqm
Say 64.980 sqm @ Rs 2616.50 / sqm	Rs 170020.17

47	12.59.1 Providing and fixing false ceiling at all height including providing & fixing of framework made of special section, power pressed from M.S. sheets and galvanised with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleat of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200mm c/c, one flange fixed to the ceiling with dash fastener 12.5mm dia x 50mm long with 6mm dia bolts, other flanged of cleat fixed to the angle hangers of 25x10x0.50mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I chanel 45x15x0.90mm running at the spacing of 1200 mm c/c, to which the ceiling section 0.5 mm thick bottom wedge of 80mm with tapered flanges of 26mm each having lips of 10.5mm, at 450mm c/c, shall be fixed in a direction perpendicular to G.I intermediate channel with connecting clip made out of 2.64mm dia x 230mm long G.I wire at every junction, including fixing perimeter channels 0.50mm thick 27 mm high having flages of 20mm and 30mm long, the perimeter of ceiling fixed to wall/ partitions with the help of Rawl plugs at 450mm centre, with 25mm long dry wall screws @ 230mm interval, including fixing of Calcium Silicate Board to ceiling section and perimeter channels with the help of day wall screws of size 3.5x25mm at 230mm c/c, including jointing & finishing to a flush finish of tapered and square edges of the board with recommended jointing compounds, jointing tapes, finishing with jointing compounds in three layers covering up to 150mm on both sides of joints and two coats of primer suitable for boards, all as per manufacture's specification and also including the cost of making opening for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitable fixed, all complete as per drawings, specification and direction of the Engineer in charge but excluding the cost of painting with a.8 mm thick Calcium Silicate Board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process.						
LADIES TOILET	2	1.100	1.500			3.301	
L A D I E S D I F F E R E N T L Y A B L E D T O I L E T	1	1.900	1.500			2.850	
GENTS TOILET	2	1.100	1.500			3.301	
G E N T S D I F F E R E N T L Y A B L E D T O I L E T	1	1.900	1.500			2.850	
STAFFROOM TOILET	2	1.800	1.500			5.400	
	Total Quantity					17.702 sqm	
	Total Deducted Quantity					0.000 sqm	
	Net Total Quantity					17.702 sqm	
	Say 17.702 sqm @ Rs 1300.41 / sqm					Rs 23019.86	
48	17.2.1 Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled						

	device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked white solid plastic seat and lid						
		8					8.000
	Total Quantity						8.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						8.000 each
	Say 8.000 each @ Rs 4849.43 / each						Rs 38795.44
49	17.4.1 Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:One urinal basin with 5 litre white P.V.C. automatic flushing cistern						
		2					2.000
	Total Quantity						2.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						2.000 each
	Say 2.000 each @ Rs 4956.45 / each						Rs 9912.90
50	17.7.1 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps						
		10					10.000
	Total Quantity						10.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						10.000 each
	Say 10.000 each @ Rs 3260.49 / each						Rs 32604.90
51	17.8 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.						
		10					10.000
	Total Quantity						10.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						10.000 each
	Say 10.000 each @ Rs 1383.39 / each						Rs 13833.90

52	17.70.1 Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 31 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the center of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms	10					10.000	
		Total Quantity					10.000	each
		Total Deducted Quantity					0.000	each
		Net Total Quantity					10.000	each
		Say 10.000 each @ Rs 416.97 / each					Rs 4169.70	
53	18.50.1 Providing and fixing C.P brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore	10					10.000	
		Total Quantity					10.000	each
		Total Deducted Quantity					0.000	each
		Net Total Quantity					10.000	each
		Say 10.000 each @ Rs 787.69 / each					Rs 7876.90	
54	50.17.1.5 Supplying and fixing CP Health Faucet superior quality (Jagur or equivalent make) including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.	8					8.000	
		Total Quantity					8.000	no
		Total Deducted Quantity					0.000	no
		Net Total Quantity					8.000	no
		Say 8.000 no @ Rs 1280.49 / no					Rs 10243.92	
55	17.71 Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms	8					8.000	
		Total Quantity					8.000	each
		Total Deducted Quantity					0.000	each
		Net Total Quantity					8.000	each
		Say 8.000 each @ Rs 195.54 / each					Rs 1564.32	
56	50.17.1.3 Supplying and fixing CP Towel rod 60cm or nearest available length including cost of materials and							

	labour charges etc complete as per the direction of site Engineer-in-charge.								
		10					10.000		
	Total Quantity						10.000	no	
	Total Deducted Quantity						0.000	no	
	Net Total Quantity						10.000	no	
	Say 10.000 no @ Rs 127.68 / no						Rs 1276.80		
57	od219806/2019_2020 Supply & Fixing stainless steel square cockroach proof traps with Gratings MAT finish. Unloading materials supplied at site and storing it in safe place provided in the site. (Make:CHILLY/ ACO/SGS)								
		12					12.000		
	Total Quantity						12.000	each	
	Total Deducted Quantity						0.000	each	
	Net Total Quantity						12.000	each	
	Say 12.000 each @ Rs 822.21 / each						Rs 9866.52		
58	od219807/2019_2020 Providing and fixing 75mm dia Cleanout with Spigot, with SS 304 Square Frame & Round Frame with Flat Round Cover with Rubber Seal & SS Screw including cost and conveyance of all materials, labour charges, sundries etc complete as directed by the Engineer in charge at all levels.(Make:CHILLY/ ACO/SGS)								
		2					2.000		
	Total Quantity						2.000	each	
	Total Deducted Quantity						0.000	each	
	Net Total Quantity						2.000	each	
	Say 2.000 each @ Rs 1094.07 / each						Rs 2188.14		
59	od219808/2019_2020 Providing and fixing 100mm dia Cleanout with Spigot, with SS 304 Square Frame & Round Frame with Flat Round Cover with Rubber Seal & SS Screw including cost and conveyance of all materials, labour charges, sundries etc complete as directed by the Engineer in charge at all levels.(Make:CHILLY/ ACO/SGS)								
		8					8.000		
	Total Quantity						8.000	each	
	Total Deducted Quantity						0.000	each	
	Net Total Quantity						8.000	each	
	Say 8.000 each @ Rs 1120.65 / each						Rs 8965.20		
60	18.53.1 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality								

	conforming to IS: 893115 mm nominal bore						
		1	20.000				20.000
	Total Quantity						20.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						20.000 each
	Say 20.000 each @ Rs 674.78 / each						Rs 13495.60
61	50.18.8.2.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 20 mm pipe 10 Kg/ cm2						
		1	137.000				137.000
	Total Quantity						137.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						137.000 metre
	Say 137.000 metre @ Rs 293.62 / metre						Rs 40225.94
62	50.18.7.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 10Kgf/ cm2- Internal work- Exposed on wall						
		1	32.000				32.000
	Total Quantity						32.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						32.000 metre
	Say 32.000 metre @ Rs 203.74 / metre						Rs 6519.68
63	50.18.7.4.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32 mm dia 10Kgf/cm2- Internal work - Exposed on wall						
		1	60.000				60.000
	Total Quantity						60.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						60.000 metre
	Say 60.000 metre @ Rs 246.24 / metre						Rs 14774.40
64	50.18.7.5.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This						

	includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 40 mm dia 6Kgf/cm ² - Internal work - Exposed on wall							
		1	10.000				10.000	
	Total Quantity						10.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						10.000 metre	
	Say 10.000 metre @ Rs 274.92 / metre						Rs 2749.20	
65	50.18.8.5.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. concealed work, including cutting chases and making good the wall etc. 40 mm pipe 10 kgf/ cm ²							
		20					20.000	
	Total Quantity						20.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						20.000 metre	
	Say 20.000 metre @ Rs 375.17 / metre						Rs 7503.40	
66	50.18.7.6.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 50 mm dia 10 Kgf/cm ² - Internal work- Exposed on wall							
		1	30.000				30.000	
	Total Quantity						30.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						30.000 metre	
	Say 30.000 metre @ Rs 324.32 / metre						Rs 9729.60	
67	od219814/2019_2020 Supply and install Zoloto or approved equivalent 32mm full bore forged brass ball valve including all necessary fittings.							
		2					2.000	
	Total Quantity						2.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						2.000 each	
	Say 2.000 each @ Rs 1482.65 / each						Rs 2965.30	
68	od219815/2019_2020 Supply and install Zoloto or approved equivalent 40mm full bore forged brass ball valve including all							

	necessary fittings.								
		1					1.000		
		Total Quantity					1.000	each	
		Total Deducted Quantity					0.000	each	
		Net Total Quantity					1.000	each	
		Say 1.000 each @ Rs 2156.32 / each					Rs 2156.32		
69	od219816/2019_2020 Supply and install Zoloto or approved equivalent 50mm full bore forged brass ball valve including all necessary fittings								
		1					1.000		
		Total Quantity					1.000	each	
		Total Deducted Quantity					0.000	each	
		Net Total Quantity					1.000	each	
		Say 1.000 each @ Rs 3673.87 / each					Rs 3673.87		
70	18.19.4.2 Providing and fixing gun metal non-return valve of approved quality (screwed end):50 mm nominal bore Vertical								
		2					2.000		
		Total Quantity					2.000	each	
		Total Deducted Quantity					0.000	each	
		Net Total Quantity					2.000	each	
		Say 2.000 each @ Rs 1532.83 / each					Rs 3065.66		
71	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 50 mm pipe 6 kgf/cm ²								
		1	30.000				30.000		
		Total Quantity					30.000	metre	
		Total Deducted Quantity					0.000	metre	
		Net Total Quantity					30.000	metre	
		Say 30.000 metre @ Rs 338.92 / metre					Rs 10167.60		
72	50.18.9.8.1 Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 75 mm dia 6 Kg/ cm ²								
		1	70.000				70.000		

							Total Deducted Quantity	0.000 metre
							Net Total Quantity	100.950 metre
							Say 100.950 metre @ Rs 754.26 / metre	Rs 76142.55
77	od20996/2019_2020 Extra over for Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all - round underground PVC pipes.							
	75mm dia pipe	1	70.000	0.0462			3.234	
	110mm dia pipe	1	39.000	0.0581			2.266	
	160mm dia pipe	1	6.520	0.076			0.496	
							Total Quantity	5.996 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	5.996 cum
							Say 5.996 cum @ Rs 5970.54 / cum	Rs 35799.36
78	19.4.3.2 Providing and fixing square-mouth S.W. gully trap class SP -1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:180x150 mm size P type With sewer bricks conforming to IS: 4885							
		1	2.000				2.000	
							Total Quantity	2.000 each
							Total Deducted Quantity	0.000 each
							Net Total Quantity	2.000 each
							Say 2.000 each @ Rs 2445.00 / each	Rs 4890.00
Sl No	Description	No	L	B	D	CF	Quantity	Remark
2 FRONT GATE WITH SECURITY CABIN CIVIL WORKS								
1	2.6.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil							
		1	2.610				2.610	
							Total Quantity	2.610 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	2.610 cum
							Say 2.610 cum @ Rs 178.66 / cum	Rs 466.30
2	2.25							

	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.						
		1	4.200				4.200
	Total Quantity						4.200 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						4.200 cum
	Say 4.200 cum @ Rs 178.38 / cum						Rs 749.20
3	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)						
		1	1.170				1.170
	Total Quantity						1.170 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						1.170 cum
	Say 1.170 cum @ Rs 6352.26 / cum						Rs 7432.14
4	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns						
		1	2.850				2.850
	Total Quantity						2.850 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						2.850 sqm
	Say 2.850 sqm @ Rs 275.12 / sqm						Rs 784.09
5	4.11 Providing and laying damp-proof course 50 mm thick with cement concrete 1:2:4(1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).						
		1	4.560				4.560
	Total Quantity						4.560 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						4.560 sqm
	Say 4.560 sqm @ Rs 454.27 / sqm						Rs 2071.47
6	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform						

		1	12.000				12.000	
	Total Quantity						12.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						12.000 sqm	
	Say 12.000 sqm @ Rs 599.03 / sqm						Rs 7188.36	
7	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers							
		1	3.750				3.750	
	Total Quantity						3.750 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						3.750 sqm	
	Say 3.750 sqm @ Rs 486.40 / sqm						Rs 1824.00	
8	5.9.16.1 Centering and shuttering including strutting, etc. and removal of form for:Edges of slabs and breaks in floors and wallsUnder 20 cm wide							
		1	15.200				15.200	
	Total Quantity						15.200 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						15.200 metre	
	Say 15.200 metre @ Rs 173.34 / metre						Rs 2634.77	
9	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more							
		1	243.000				243.000	
	Total Quantity						243.000 kilogram	
	Total Deducted Quantity						0.000 kilogram	
	Net Total Quantity						243.000 kilogram	
	Say 243.000 kilogram @ Rs 80.29 / kilogram						Rs 19510.47	
10	5.33.2 Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including 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 Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work above plinth level upto floor							

	V level								
		1	3.750				3.750		
		Total Quantity					3.750 cum		
		Total Deducted Quantity					0.000 cum		
		Net Total Quantity					3.750 cum		
		Say 3.750 cum @ Rs 10284.20 / cum					Rs 38565.75		
11	7.1.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand)								
		1	6.990				6.990		
		Total Quantity					6.990 cum		
		Total Deducted Quantity					0.000 cum		
		Net Total Quantity					6.990 cum		
		Say 6.990 cum @ Rs 5625.56 / cum					Rs 39322.66		
12	50.6.1.8 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand etc complete								
		1	7.120				7.120		
		Total Quantity					7.120 cum		
		Total Deducted Quantity					0.000 cum		
		Net Total Quantity					7.120 cum		
		Say 7.120 cum @ Rs 5944.70 / cum					Rs 42326.26		
13	13.4.1 12 mm cement plaster of mix:1:4 (1 cement : 4 coarse sand)								
		1	33.600				33.600		
		Total Quantity					33.600 sqm		
		Total Deducted Quantity					0.000 sqm		
		Net Total Quantity					33.600 sqm		
		Say 33.600 sqm @ Rs 256.54 / sqm					Rs 8619.74		
14	13.4.2 12 mm cement plaster of mix:1:6 (1 cement : 6 coarse sand)								
		1	58.660				58.660		
		Total Quantity					58.660 sqm		

19	13.82.2 Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture including applying additional coats wherever required, to achieve even shade and colour. Two coats							
		1	115.060				115.060	
		Total Quantity					115.060 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					115.060 sqm	
		Say 115.060 sqm @ Rs 104.83 / sqm					Rs 12061.74	
20	9.48.2 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. Fixed to openings/ wooden frames with rawl plugs screws etc							
		1				32.4	32.400	
		Total Quantity					32.400 kg	
		Total Deducted Quantity					0.000 kg	
		Net Total Quantity					32.400 kg	
		Say 32.400 kg @ Rs 159.51 / kg					Rs 5168.12	
21	9.147.5 Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 +/- 0.2mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with S.S. friction hinges (350 x 19 x 1.9 mm) made of (big series) frame 67 x 60 mm & sash / mullion 67 x 80 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead/ double glazing bead of appropriate dimension. (Area of window above 1.50 sqm).							
		2	1.000		1.500		3.000	
		Total Quantity					3.000 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					3.000 sqm	

		Say 3.000 sqm @ Rs 11877.38 / sqm					Rs 35632.14	
22	21.3.2 Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5.50 mm thickness							
		2	1.000		1.500		3.000	
		Total Quantity					3.000 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					3.000 sqm	
		Say 3.000 sqm @ Rs 1424.10 / sqm					Rs 4272.30	
23	od219690/2019_2020 Supply and fix fully finished Pre Hung Door:- Both side HP Laminate vertical grain pattern Flush door with matching PVC wrapped WPC Jamb with front side Architrave other side tackers. Door of 35mm thick with 4 side edges painted / Lock Hole Boring (Using mortise lock)/ Hinge Rebate Cutting (4 Nos) ,Jamb width 100 mm. Latch with Lever handles without Keys SS finish - 1 No, Hinges 4" x 3" x 3mm SS finish - 4 Nos .Tower Bolt 6" SS Finish - 1 No.(Jacsons or Approved equivalent)							
		2	0.800		2.100		3.361	
		Total Quantity					3.361 sqm of door area	
		Total Deducted Quantity					0.000 sqm of door area	
		Net Total Quantity					3.361 sqm of door area	
		Say 3.361 sqm of door area @ Rs 8728.21 / sqm of door area					Rs 29335.51	
24	10.2 Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.							
		1	941.000				941.000	
		Total Quantity					941.000 kg	
		Total Deducted Quantity					0.000 kg	
		Net Total Quantity					941.000 kg	
		Say 941.000 kg @ Rs 95.96 / kg					Rs 90298.36	
25	25.7 Designing, fabricating, testing, installing and fixing in position Curtain Wall withAluminium Composite Panel Cladding, with open grooves for linear as well ascurvilinear portions of the building , for all heights and all levels etc. including:a) Structural analysis & design and preparation of shop drawings for pressureequalisation or rain screen principle as required, proper drainage of water to makeit watertight							

	including checking of all the structural and functional design.b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc.c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.							
		1	42.400				42.400	
	Total Quantity						42.400 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						42.400 sqm	
	Say 42.400 sqm @ Rs 4831.27 / sqm						Rs 204845.85	
26	13.84.2	Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats						
		1	55.700				55.700	
	Total Quantity						55.700 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						55.700 sqm	
	Say 55.700 sqm @ Rs 106.46 / sqm						Rs 5929.82	
SI No	Description	No	L	B	D	CF	Quantity	Remark
3 COMPOUND WALL								
1	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed. All kinds of soil						

Earth work in excavation							
	Earth work in excavation	1	25.200				25.200
	Total Quantity						25.200 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						25.200 cum
	Say 25.200 cum @ Rs 178.66 / cum						Rs 4502.23
2	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)						
		1	3.600				3.600
	Total Quantity						3.600 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						3.600 cum
	Say 3.600 cum @ Rs 6352.26 / cum						Rs 22868.14
3	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns						
		1	4.000				4.000
	Total Quantity						4.000 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						4.000 sqm
	Say 4.000 sqm @ Rs 275.12 / sqm						Rs 1100.48
4	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.						
		1	7.200				7.200
	Total Quantity						7.200 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						7.200 cum
	Say 7.200 cum @ Rs 178.38 / cum						Rs 1284.34
5	4.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:1/2:3 (cement : 11/2 coarse sand : 3 graded stone aggregate 20						

	mm nominal size)						
	cement concrete						
	cement concrete	1	1.200				1.200
	Total Quantity						1.200 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						1.200 cum
	Say 1.200 cum @ Rs 8404.12 / cum						Rs 10084.94
6	7.1.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand)						
		1	14.400				14.400
	Total Quantity						14.400 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						14.400 cum
	Say 14.400 cum @ Rs 5625.56 / cum						Rs 81008.06
7	50.6.1.8 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand etc complete						
	Solid block masonry						
	Solid block masonry	1	7.860				7.860
	Total Quantity						7.860 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						7.860 cum
	Say 7.860 cum @ Rs 5944.70 / cum						Rs 46725.34
8	13.4.2 12 mm cement plaster of mix:1:6 (1 cement : 6 coarse sand)						
	12 mm cement plaster						
	12 mm cement plaster	1	79.040				79.040
	Total Quantity						79.040 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						79.040 sqm
	Say 79.040 sqm @ Rs 238.66 / sqm						Rs 18863.69
9	13.43.1						

	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer							
	cement primer							
	cement primer	1	79.090				79.090	
	Total Quantity						79.090 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						79.090 sqm	
	Say 79.090 sqm @ Rs 52.41 / sqm						Rs 4145.11	
10	13.82.2 Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture including applying additional coats wherever required, to achieve even shade and colour.Two coats							
	acrylic emulsion paint							
	acrylic emulsion paint	1	79.040				79.040	
	Total Quantity						79.040 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						79.040 sqm	
	Say 79.040 sqm @ Rs 104.83 / sqm						Rs 8285.76	
11	10.16.1 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.Hot finished welded type tubes							
	Steel work in built up tubular							
	Steel work in built up tubular	1	148.000				148.000	
	Total Quantity						148.000 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						148.000 kg	
	Say 148.000 kg @ Rs 128.02 / kg						Rs 18946.96	
12	13.84.2 Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.Two coats							
	synthetic enamel paint,							
	synthetic enamel paint,	1	8.020				8.020	

	Net Total Quantity						136.300 cum	
	Say 136.300 cum @ Rs 2739.83 / cum						Rs 373438.83	
3	<p>16.79</p> <p>Providing , laying spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tipper to site, for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub - base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer - in- Charge.</p>							
	road	1	1363.000		0.150		204.450	
	Total Quantity						204.450 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						204.450 cum	
	Say 204.450 cum @ Rs 3024.60 / cum						Rs 618379.47	
4	<p>51.16.PC.1pb</p> <p>Primer Coat - Bitumen Emulsion (SS-1) - Using Packed Bitumen Rates</p> <p>Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 - 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502 (low porosity).</p>							
	Road area	1	2155.000				2155.000	LENGTH = AREA
	Total Quantity						2155.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2155.000 sqm	
	Say 2155.000 sqm @ Rs 61.81 / sqm						Rs 133200.55	
5	<p>od21005/2019_2020</p> <p>2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately): With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt (DSR ITEM NO.16.33.1)</p>							
	Road area	1	2155.000				2155.000	LENGTH = AREA
	Total Quantity						2155.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2155.000 sqm	
	Say 2155.000 sqm @ Rs 240.61 / sqm						Rs 518514.55	

6	51.16.31.1.2 Tack Coat - RS Bitumen Emulsion - On bituminous surface @ 0.25 kg /sqm Providing and applying tack coat using bitumen emulsion conforming to IS : 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. 1. With Rapid Setting Bitumen Emulsion 2. On bituminous surface @ 0.25 kg /sqm							
	Road area	1	2155.000				2155.000	LENGTH = AREA
	Total Quantity						2155.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2155.000 sqm	
	Say 2155.000 sqm @ Rs 11.49 / sqm						Rs 24760.95	
7	od21013/2019_2020 Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG -10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.(DSR ITEM NO 16.40)							
	Road area	1	2155.000				2155.000	LENGTH = AREA
	Total Quantity						2155.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2155.000 sqm	
	Say 2155.000 sqm @ Rs 84.39 / sqm						Rs 181860.45	
8	16.69 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 coarse sand) , including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5 mm), 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)							
	foot path	2	354.000		0.075		53.100	DEPTH = AREA CR.SECT KERB
	Total Quantity						53.100 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						53.100 cum	
	Say 53.100 cum @ Rs 7110.44 / cum						Rs 377564.36	
9	od21031/2019_2020							

	two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces							
		2	354.000		0.200		141.600	
	Total Quantity						141.600 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						141.600 sqm	
	Say 141.600 sqm @ Rs 96.09 / sqm						Rs 13606.34	
10	od21034/2019_2020 Providing and laying average 100 mm thick sub grade of compacted bed of 20 mm thick nominal size stone aggregate mixed with sand Zone V, including spreading, well ramming, consolidating and finishing smooth etc. all complete as per direction of Engineer-in-charge.							
		1	354.000				354.000	LENGTH = AREA
	Total Quantity						354.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						354.000 sqm	
	Say 354.000 sqm @ Rs 278.15 / sqm						Rs 98465.10	
11	16.42 Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete							
		1	354.000	1.000	0.100		35.400	LENGTH = AREA
	Total Quantity						35.400 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						35.400 cum	
	Say 35.400 cum @ Rs 7807.14 / cum						Rs 276372.76	
12	16.45 Providing and fixing in position pre- moulded joint filler in expansion joints.							
		15	1.000	1.000	15.000		225.000	
	Total Quantity						225.000 per cm depth per cm width per meter length	
	Total Deducted Quantity						0.000 per cm depth per cm width per meter length	
	Net Total Quantity						225.000 per cm	

							depth per cm width per meter length
							Say 225.000 per cm depth per cm width per meter length @ Rs 3.12 / per cm depth per cm width per meter length
							Rs 702.00
13	16.90	Providing and laying tactile tile (for vision impaired persons as per standards) of size 300x300x9.8mm having with water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades in for outdoor floors such as footpath, court yard, multi modals location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge.					
		1	354.000	1.000			354.000
		Total Quantity					354.000 sqm
		Total Deducted Quantity					0.000 sqm
		Net Total Quantity					354.000 sqm
		Say 354.000 sqm @ Rs 2057.46 / sqm					Rs 728340.84
14	od21092/2019_2020	Providing and fixing PVC pipe pieces in weep holes by hacking, jointing and make good, 110 mm pipe 4 kgf/cm ²					
		190	0.110				20.900
		Total Quantity					20.900 metre
		Total Deducted Quantity					0.000 metre
		Net Total Quantity					20.900 metre
		Say 20.900 metre @ Rs 223.93 / metre					Rs 4680.14
15	od219899/2019_2020	Construct foundation for lighting pole using M30 concrete of overall size 65x65x160 cm and 4 nos M20x75cm long anchor bolt set in concrete using 4mm thick anchor plate as per the drawing and specification.					
		23					23.000
		Total Quantity					23.000 each
		Total Deducted Quantity					0.000 each
		Net Total Quantity					23.000 each
		Say 23.000 each @ Rs 10831.40 / each					Rs 249122.20
16	od21095/2019_2020	Construct RC drain using 1:1.5:3 mix wall and base 10cm thick of average inside dimensions 40cm wide x 60cm deep covered with 10cm (1:1.5:3) mix precast RC slab etc as per drawing and specification					
		1	380.000				380.000

	Total Quantity						380.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						380.000 metre	
	Say 380.000 metre @ Rs 5787.09 / metre						Rs 2199094.20	
SI No	Description	No	L	B	D	CF	Quantity	Remark
5 LAND DEVELOPMENT								
1	2.32 Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.							
		1	5000.000				5000.000	
	Total Quantity						5000.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						5000.000 sqm	
	Say 5000.000 sqm @ Rs 5.18 / sqm						Rs 25900.00	
2	2.31 Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared							
		1	5000.000				5000.000	
	Total Quantity						5000.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						5000.000 sqm	
	Say 5000.000 sqm @ Rs 10.21 / sqm						Rs 51050.00	
3	2.33.1 Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 30 cm girth up to and including 60 cm girth							
		1	4.000				4.000	
	Total Quantity						4.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						4.000 each	
	Say 4.000 each @ Rs 310.94 / each						Rs 1243.76	
4	2.33.2 Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth up to and including 120 cm girth							

		1	4.000				4.000	
	Total Quantity						4.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						4.000 each	
	Say 4.000 each @ Rs 1379.77 / each						Rs 5519.08	
5	2.33.4 Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.Above 240 cm girth							
		1	2.000				2.000	
	Total Quantity						2.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						2.000 each	
	Say 2.000 each @ Rs 12809.27 / each						Rs 25618.54	
6	2.2.1 Earth work in rough excavation, banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead up to 50 m and lift up to 1.5 m.All kinds of soil							
		1	200.000				200.000	
	Total Quantity						200.000 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						200.000 cum	
	Say 200.000 cum @ Rs 606.98 / cum						Rs 121396.00	
7	2.28.1 Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.All kinds of soil							
		1	1000.000				1000.000	
	Total Quantity						1000.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						1000.000 sqm	
	Say 1000.000 sqm @ Rs 19.79 / sqm						Rs 19790.00	
SI No	Description	No	L	B	D	CF	Quantity	Remark
6 EXTERNAL WATER SUPPLY								

1	50.18.9.6.1 Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 50 mm dia 10Kgf/cm ²		120				120.000	
		Total Quantity					120.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					120.000 metre	
		Say 120.000 metre @ Rs 233.10 / metre					Rs 27972.00	
2	od219816/2019_2020 Supply and install Zoloto or approved equivalent 50mm full bore forged brass ball valve including all necessary fittings		2				2.000	
		Total Quantity					2.000 each	
		Total Deducted Quantity					0.000 each	
		Net Total Quantity					2.000 each	
		Say 2.000 each @ Rs 3673.87 / each					Rs 7347.74	
3	18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.		3000				3000.000	
		Total Quantity					3000.000 Litre	
		Total Deducted Quantity					0.000 Litre	
		Net Total Quantity					3000.000 Litre	
		Say 3000.000 Litre @ Rs 10.28 / Litre					Rs 30840.00	
4	18.19.4.1 Providing and fixing gun metal non-return valve of approved quality (screwed end):50 mm nominal boreHorizontal		1				1.000	
		Total Quantity					1.000 each	
		Total Deducted Quantity					0.000 each	
		Net Total Quantity					1.000 each	
		Say 1.000 each @ Rs 1401.05 / each					Rs 1401.05	
5	od20996/2019_2020 Extra over for Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all - round underground PVC pipes.							

	50mm and 40mm pipe	1	120.000	0.038			4.560	
	Total Quantity						4.560 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						4.560 cum	
	Say 4.560 cum @ Rs 5970.54 / cum						Rs 27225.66	
6	18.32.1 Constructing masonry chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design:With common burnt clay F.P.S (non modular) bricks of class designation 7.5							
		1					1.000	
	Total Quantity						1.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						1.000 each	
	Say 1.000 each @ Rs 1695.60 / each						Rs 1695.60	
7	od21039/2019_2020 Supply installation testing and commissioning of water treatment plant 2000 LPH capacity with Pressure Sand filter, Activated Carbon filter, Iron removal filter, Float switches 2 nos, Filter feed pump (2000 lph, 20-25 m head), chemical dosing pump ((0-10) lph with all accessories complete as per the direction of engineer in charge							
		1					1.000	
	Total Quantity						1.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						1.000 each	
	Say 1.000 each @ Rs 143643.87 / each						Rs 143643.87	
SI No	Description	No	L	B	D	CF	Quantity	Remark
7 EXTERNAL SEWERAGE AND RAINWATER DRAINAGE								
1	50.18.9.9.1 Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of Joints complete as per direction of engineer in charge.110 mm dia 6Kgf/cm2							
	soil and waste	1	124.000				124.000	
	rain water	1	30.000				30.000	
	Total Quantity						154.000 metre	
	Total Deducted Quantity						0.000 metre	

	Net Total Quantity						154.000 metre	
	Say 154.000 metre @ Rs 442.83 / metre						Rs 68195.82	
2	50.18.9.10.1 Providing and fixing PVC pipes including jointing of pipes with one step pvc solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer in Charge. 150 mm dia 6 Kgf/cm2							
	Soil pipe	1	108.000				108.000	
	Rain water pipe	1	100.000				100.000	
	Total Quantity						208.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						208.000 metre	
	Say 208.000 metre @ Rs 819.68 / metre						Rs 170493.44	
3	od20996/2019_2020 Extra over for Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all - round underground PVC pipes.							
	110mm dia	1	154.000	0.058			8.932	
	160mm dia	1	208.000	0.076			15.808	
	Total Quantity						24.740 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						24.740 cum	
	Say 24.740 cum @ Rs 5970.54 / cum						Rs 147711.16	
4	19.7.1.1 Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size,) inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design:Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weigh of cover 23 kg and weight of frame 15 kg):With common burnt clay F.P.S. (non modular) bricks of class designation 7.5							
		8					8.000	
	Total Quantity						8.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						8.000 each	
	Say 8.000 each @ Rs 12247.47 / each						Rs 97979.76	
5	19.7.2.1 Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top							

	with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size,) inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design:Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg):With common burnt clay F.P.S (non modular) bricks of class designation 7.5						
		7					7.000
	Total Quantity						7.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						7.000 each
	Say 7.000 each @ Rs 26132.17 / each						Rs 182925.19
6	19.8.1.1 Extra for depth for manholesSize 90x80 cmWith common burnt clay F.P.S. (non modular) bricks of class designation 7.5						
		8	0.150				1.200
	Total Quantity						1.200 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						1.200 metre
	Say 1.200 metre @ Rs 8111.83 / metre						Rs 9734.20
7	od21009/2019_2020 Supplying and installing ready made Pre cast RCC Water tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (5000 L Capacity)						
		7					7.000
	Total Quantity						7.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						7.000 each
	Say 7.000 each @ Rs 47735.58 / each						Rs 334149.06
8	od21014/2019_2020 Supply all material and construct RCC rain water filtration tank cum collection tank of overall size 7.6x2.40x2.45m using 1:1.5:3 concrete mix etc. all complete as per the drawing and specification.						
		1					1.000
	Total Quantity						1.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						1.000 each

	Say 1.000 each @ Rs 458684.34 / each						Rs 458684.34	
9	19.33 Constructing soak pit 1.20x1.20 m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.							
		2					2.000	
	Total Quantity						2.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						2.000 each	
	Say 2.000 each @ Rs 3002.11 / each						Rs 6004.22	
10	51.19.ST4 Supplying and installing ready made PVC Septic tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (Provision for CC/RCC/Sand/06mm aggregate for the preparation of bed shall be paid separately) 4. 35 to 50 flush capacity							
		3					3.000	
	Total Quantity						3.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						3.000 each	
	Say 3.000 each @ Rs 40968.60 / each						Rs 122905.80	
SI No	Description	No	L	B	D	CF	Quantity	Remark
8 EXISTING CLASS ROOMS CONVERTED TO SMART CLASS ROOMS								
1	14.46 Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.							
	CLASS ROOM WALLS	7	22.000	3.000			462.000	
		3	34.000	3.000			306.000	
	CLASS ROOM CEILING	7	30.000				210.000	
		3	60.000				180.000	
	Total Quantity						1158.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						1158.000 sqm	
	Say 1158.000 sqm @ Rs 15.32 / sqm						Rs 17740.56	
2	14.53.1 Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:One or more coats on old work							

		1	1158.000				1158.000	
	Total Quantity						1158.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						1158.000 sqm	
	Say 1158.000 sqm @ Rs 78.37 / sqm						Rs 90752.46	
3	11.47.2 Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS : 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm							
	CLASS ROOM FLOORING	7	30.000				210.000	
		3	60.000				180.000	
	SKIRTING	7	22.000		0.100		15.401	
		3	24.000		0.100		7.201	
	Total Quantity						412.602 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						412.602 sqm	
	Say 412.602 sqm @ Rs 1759.79 / sqm						Rs 726092.87	
4	14.54.1 Painting with synthetic enamel paint of approved brand and manufacture of required colour to an give even shade:One or more coats on old work							
		1	177.000				177.000	
	Total Quantity						177.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						177.000 sqm	
	Say 177.000 sqm @ Rs 72.77 / sqm						Rs 12880.29	
SI No	Description	No	L	B	D	CF	Quantity	Remark
9 SIGNAGE AND BOARDS								

1	od219849/2019_2020 Providing and fixing of Advance Direction / Way finding / Reassurance Sign board of size 1000 mm x 1500 mm made out of Type-XI encapsulated lens type retro reflective sheeting wide. Base Sheeting shall be of White Color type IV class B retro reflective sheeting fixed over 2 mm thick Aluminium Composite Material sheet with area exceeding 0.9 sqm fixed over back support frame of M.S.Angle 35 x 35 x 5 mm all round mounted on two 50 mm dia MS Pipe with clear height of not less than 2.1 m from the ground level to the bottom of the board as per approved drawings. The sign post should be painted with one coat of red oxide paint and two coats of 1 st quality synthetic enamel paint Black & white colour with bands of 30 cm height. The sign post shall be firmly fixed in to the ground by means of properly designed foundation with M15 grade concrete size 450mm x 450mmx 600 mm, including cost,conveyance of all materials, equipment,machinery and labour with all leads and lift,loading charges necessary for satisfactory completion of the work as directed by Engineer in-Charge.						
	IN DRIVE WAY	2					2.000
	Total Quantity						2.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						2.000 each
	Say 2.000 each @ Rs 11770.64 / each						Rs 23541.28
2	od219850/2019_2020 Supply and fixing sticker type signage at site (on door or similar locations) in proper line & level. The signage letters shall be made with premium quality vinyl sheet of approved colour, pasted on "3M"make self-adhesive film of approved colour, including supply of all material labour etc. required for proper completion of work. Before making the signage text & font of letters in best fit size will be set in computer so as to give aesthetic look as per sample available with ITD						
	In classroom	15	35.000	7.600			3990.000
	Workshop	10	35.000	7.600			2660.000
	Total Quantity						6650.000 sqcm
	Total Deducted Quantity						0.000 sqcm
	Net Total Quantity						6650.000 sqcm
	Say 6650.000 sqcm @ Rs 0.69 / sqcm						Rs 4588.50
3	od219851/2019_2020 Supply and fixing bilingual signage in English. The signage letters will be made with premium quality vinyl sheet of approved colour, pasted on 3mm thick aluminium composite panel backing. The signage will be either fixed on the wall with the screws & double tape or hanged from the false ceiling with the help of hooks & chains complete work.						
	In admin area	14	40.600	10.200			5797.680
		8	50.800	20.300			8249.920
	Total Quantity						14047.600 sqcm
	Total Deducted Quantity						0.000 sqcm
	Net Total Quantity						14047.600 sqcm

	Say 14047.600 sqcm @ Rs 0.70 / sqcm						Rs 9833.32	
4	od219852/2019_2020 Supply & fixing 5 mm thick aluminum compressed Panel (ACP) sheet in the required size for building name signage. The sheet will be cut into size as per the size of signage to be fixed in position (Stone façade, grit wash, gypsum board etc.) with screws & tape including s/o all material labour T&P etc. required for proper completion of work.							
	For buildings	5	12.000	30.000			1800.000	
	Gate	1	300.000	60.000			18000.000	
	Total Quantity						19800.000 sqcm	
	Total Deducted Quantity						0.000 sqcm	
	Net Total Quantity						19800.000 sqcm	
	Say 19800.000 sqcm @ Rs 1.22 / sqcm						Rs 24156.00	
5	od219853/2019_2020 Supply & fixing stainless steel (SS) letters made with SS-304 grade 20 gauge sheet as per the approved size & shade including fixing on ACP sheet in required height line & level including s/o all T&P etc. required for proper completion of work. Before making the letters the font & size will be got approved from ITD.							
	FOR BUILDINGS	5	12.000	30.000		0.8	1440.000	
	GATE	1	300.000	60.000		0.8	14400.000	
	Total Quantity						15840.000 sqcm	
	Total Deducted Quantity						0.000 sqcm	
	Net Total Quantity						15840.000 sqcm	
	Say 15840.000 sqcm @ Rs 1.60 / sqcm						Rs 25344.00	
6	od219854/2019_2020 Supply and fixing symbol signage such as No. Smoking, No Spitting, Drinking Water etc. signage of standard sizes as per conventional design/ colour code on 3 mm thick aluminium composite panel. The signage will be either fixed on the wall with the help of screws & double tape or hanged from the false ceiling with the help of chain & screws etc. complete work.							
		12	35.000	7.600			3192.000	
	Total Quantity						3192.000 sqcm	
	Total Deducted Quantity						0.000 sqcm	
	Net Total Quantity						3192.000 sqcm	
	Say 3192.000 sqcm @ Rs 0.69 / sqcm						Rs 2202.48	
7	od219855/2019_2020 Printing of floor plans on approx. A2 size poster sheet with indelible ink framing the same in 3mm thick acrylic sheet and 1" studs complete. The floor plans will be fixed on the wall with the help of screws and double tape etc. to give neat & finished look							

	For old admin building	2						2.000	
	New building	1						1.000	
	Total Quantity							3.000 each	
	Total Deducted Quantity							0.000 each	
	Net Total Quantity							3.000 each	
	Say 3.000 each @ Rs 1884.96 / each							Rs 5654.88	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
10 ANNEXURE 1 : FURNITURE FOR MAIN BUILDING AND EXISTING CLASS ROOMS(EST.NO:2019/13140)									
Lump-Sum Total							Rs 1338984.00		
SI No	Description	No	L	B	D	CF	Quantity		
Remark	11 ANNEXURE 2 : ELECTRICAL, ELV, HVAC AND FIRE FIGHTING WORKS (EST.NO:2019/13142)								
Lump-Sum Total							Rs 8385068.00		
SI No	Description	No	L	B	D	CF	Quantity		
Remark	12 CONTINGENCIES								
Lump-Sum Total							Rs 275452.00		
Provision for GST payments (in %) @							12.0%		
Amount reserved for GST payments							4505357.95		
Total							42050007.95		
Lumpsum for round off							0.00		
TOTAL Rs 42050007.95									
Rounded Total Rs 4,20,50,008									
Rupees Four Crore Twenty Lakh Fifty Thousand Eight Only									

(Cost Index Applied for this estimate is 41.85%)