

TS Register No: 2083/2019-2020

AS Register No:2183/2019-2020

**UP-GRADATION OF GOVT ITI CHENGANNUR ON PAR WITH INTERNATIONAL  
STANDARDS - PHASE 1- REV 3**

Detailed Estimate

(Dsr year: 2016, Cost Index Applied for this estimate is 48.71%)

SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>1 MAIN BUILDING CIVIL WORKS</b>								
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							
<b>FOOTING</b>								
	F1	6	1.800	1.800	1.500		29.161	
	F2	26	2.300	2.300	1.500		206.310	
	F3	42	2.800	2.800	1.500		493.920	
	F4	15	3.300	3.300	1.500		245.025	
	F5	9	3.500	3.500	1.500		165.375	
	F6	2	3.700	3.700	1.500		41.071	
	F7	2	4.800	4.800	1.500		69.120	
	LIFT 1	1	5.100	6.400	1.800		58.752	
	LIFT 2	1	4.800	5.350	1.800		46.224	
<b>LOWERG/F GRADE BEAM</b>								
		1	146.500	0.500+.6	0.550		88.633	
							Total Quantity	1443.591 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	1443.591 cum
							Say 1443.591 cum @ Rs 187.30 / cum	<b>Rs 270384.59</b>
2	2.26.1 Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.All kinds of soil							
<b>FOOTING</b>								
	LIFT 1	1	5.100	6.400	0.300		9.792	
	LIFT 2	1	4.800	5.350	0.300		7.704	
							Total Quantity	17.496 cum

						Total Deducted Quantity	0.000 cum
						Net Total Quantity	17.496 cum
						Say 17.496 cum @ Rs 76.96 / cum	<b>Rs 1346.49</b>
3	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.					
PLINTH FILLING							
	BELOW S1	1	290.000		.6-.3-.1		58.000
	BELOW PCC	1	1182.300		.6-.1		591.150
EXCAVATION FOR LOWER G/F GRADE BEAM							
		1	146.500	0.500+.6	0.550		88.633
EXCAVATION FOR FOOTING							
	F1	6	1.800	1.800	1.500		29.161
	F2	26	2.300	2.300	1.500		206.310
	F3	42	2.800	2.800	1.500		493.920
	F4	15	3.300	3.300	1.500		245.025
	F5	9	3.500	3.500	1.500		165.375
	F6	2	3.700	3.700	1.500		41.071
	F7	2	4.800	4.800	1.500		69.120
	LIFT 1	1	5.100	6.400	1.800		58.752
	LIFT 2	1	4.800	5.350	1.800		46.224
DEDUCE FOOTING PCC							
	F1	6	1.5+.2	1.5+.2	0.100		-1.734
	F2	26	2+.2	2+.2	0.100		-12.584
	F3	42	2.5+.2	2.5+.2	0.100		-30.618
	F4	15	3+.2	3+.2	0.100		-15.360
	F5	9	3.2+.2	3.2+.2	0.100		-10.404
	F6	2	3.4+.2	3.4+.2	0.100		-2.592
	F7	2	4.5+.2	3+.2	0.100		-3.008
	LIFT 1	1	4.8+.2	6.1+.2	0.100		-3.150
	LIFT 2	1	4.5+.2	5.05+.2	0.100		-2.467
DEDUCE LOWER G/F GRADE BEAM PCC							
		1	146.500	0.500	0.100		-7.325

DEDUCE FOOTING RCC								
F1	6	1.500	1.500	0.450			-6.074	
	6*0.33	1.5*1.5+0.65*.9+1.147		0.450			-3.547	
F2	26	2.000	2.000	0.550			-57.200	
	26*0.33	2*2+0.65*0.9+1.5		0.550			-28.715	
F3	42	2.500	2.500	0.600			-157.500	
	42*0.33	2.5*2.5+0.65*0.9+1.912		0.500			-60.616	
F4	15	3.000	3.000	0.750			-101.250	
	15*0.33	3*3+0.65*0.9+2.29		0.450			-26.451	
F5	9	3.200	3.200	0.850			-78.336	
	9*0.33	3.2*3.2+0.65*0.9+2.44		0.350			-13.788	
F6	2	3.400	3.400	0.950			-21.963	
	2*0.33	3.4*3.4+0.65*0.8+2.6		0.250			-2.422	
F7	2	4.500	3.000	0.600			-16.200	
	2*0.33	4.5*3+3*0.8+5.69		0.500			-7.124	
LIFT 1	1	4.800	6.100	1.100			-32.208	
LIFT 2	1	4.500	5.050	1.100			-24.997	
DEDUCE STUB COLUMN RCC								
C1	29	0.300	0.600	1.200			-6.264	
C2	1	0.300	0.600	1.200			-0.216	
C3	4	0.300	0.600	1.200			-0.864	
c4	8	0.300	0.600	1.200			-1.728	
c5	3	0.300	0.600	1.200			-0.648	
c6	46	0.450	0.600	1.200			-14.904	
c7	2	0.450	0.600	1.200			-0.648	

	C8	5	0.450	0.600	1.200		-1.620	
	C9	4	0.450	0.700	1.200		-1.512	
	C10	3	0.450	0.700	1.200		-1.134	
	DEDUCE LOWER G/F GRADE BEAM RCC							
		1	146.500	0.300	0.450		-19.777	
	Total Quantity						2092.741 cum	
	Total Deducted Quantity						-776.948 cum	
	Net Total Quantity						1315.793 cum	
	Say 1315.793 cum @ Rs 187.00 / cum						<b>Rs 246053.29</b>	
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)						
	FOOTING							
	F1	6*2	1.5+.2	1.5+.2	0.100		3.468	
	F2	26*2	2+.2	2+.2	0.100		25.169	
	F3	42*2	2.5+.2	2.5+.2	0.100		61.237	
	F4	15*2	3+.2	3+.2	0.100		30.721	
	F5	9*2	3.2+.2	3.2+.2	0.100		20.809	
	F6	2*2	3.4+.2	3.4+.2	0.100		5.185	
	F7	2*2	4.5+.2	4.5+.2	0.100		8.837	
	LIFT 1	1*2	4.8+.2	4.8+.2	0.100		5.000	
	LIFT 2	1*2	4.5+.2	4.5+.2	0.100		4.419	
	FOR RC GRADE SLAB							
	FOR S3	1	506.470		0.100		50.648	LENGTH = AREA
	FOR UPPER GRADE BEAM							
	B1	1	280.400	.3+.2	0.100		14.020	
	B1	1	666.500	.3+.2	0.100		33.325	
	B2	1	47.700	.3+.2	0.100		2.386	
	LOWERG/F GRADE BEAM							
		1	146.500	0.500	0.100		7.325	
	Total Quantity						272.549 cum	
	Total Deducted Quantity						0.000 cum	

	Net Total Quantity						272.549 cum	
	Say 272.549 cum @ Rs 6659.46 / cum						<b>Rs 1815029.16</b>	
5	4.1.3 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)							
	PCC FOR GROUND FLOOR SLAB							
	SLAB	1	1182.300		0.100		118.230	LENGTH = AREA
	LOWER G/F PCC							
		1	416.000		0.100		41.600	
	DED GRADE BEAM	-1	146.500	0.300	0.100		-4.395	
	Total Quantity						155.435 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						155.435 cum	
	Say 155.435 cum @ Rs 8152.21 / cum						<b>Rs 1267138.76</b>	
6	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns							
	FOOTING							
	FC1	77	4*1.8		0.100		55.441	
	FC2	11	4*1.6		0.100		7.041	
	LIFT LI	1	2*(2.9+3.3)		0.100		1.240	
	LIFT	1	2*(3.3+3.7)		0.100		1.401	
	FOR GRADE BEAM							
	B1	2	280.400		0.100		56.080	
	B1	2	666.500		0.100		133.300	
	B2	2	47.700		0.100		9.541	
	LOWERG/F GRADE BEAM							
		2	146.500		0.100		29.300	
	Total Quantity						293.344 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						293.344 sqm	

	Say 293.344 sqm @ Rs 288.42 / sqm						<b>Rs 84606.28</b>
7	<p>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</p>						
FOOTING RCC							
F1	6	1.500	1.500	0.450		6.075	
	6*0.33	1.5*1.5+0.65*.9+1.147		0.450		3.548	
F2	26	2.000	2.000	0.550		57.200	
	26*0.33	2*2+0.65*0.9+1.5		0.550		28.716	
F3	42	2.500	2.500	0.600		157.500	
	42*0.33	2.5*2.5+0.65*0.9+1.912		0.500		60.617	
F4	15	3.000	3.000	0.750		101.250	
	15*0.33	3*3+0.65*0.9+2.29		0.450		26.452	
F5	9	3.200	3.200	0.850		78.337	
	9*0.33	3.2*3.2+0.65*0.9+2.44		0.350		13.789	
F6	2	3.400	3.400	0.950		21.964	
	2*0.33	3.4*3.4+0.65*0.8+2.6		0.250		2.423	
F7	2	4.500	3.000	0.600		16.200	
	2*0.33	4.5*3+3*0.8+5.69		0.500		7.125	
LIFT 1	1	4.800	6.100	1.100		32.208	
LIFT 2	1	4.500	5.050	1.100		24.998	
UPPER GRADE BEAM							

	B1	1	280.540	0.300	0.600		50.498	
	B1	1	666.500	0.300	0.600		119.970	
	B2	1	47.700	0.300	0.600		8.586	
GRADE SLAB								
	SLAB	1	290+423		0.300		213.900	LENGTH = AREA
STUB COLUMN								
	C1	29	0.300	0.600	1.200		6.264	
	C2	1	0.300	0.600	1.200		0.216	
	C3	4	0.300	0.600	1.200		0.864	
	c4	8	0.300	0.600	1.200		1.728	
	c5	3	0.300	0.600	1.200		0.648	
	c6	46	0.450	0.600	1.200		14.904	
	c7	2	0.450	0.600	1.200		0.648	
	C8	5	0.450	0.600	1.200		1.620	
	C9	4	0.450	0.700	1.200		1.512	
	C10	3	0.450	0.700	1.200		1.134	
LIFT PIT								
	LIFT PIT L1	1	7.000	0.200	1.750		2.450	
	LIFT PIT L2	1	2.800	0.200	1.150		0.644	
	LIFT PIT L2	1	5.800	0.200	1.750		2.030	
LOWERG/F GRADE BEAM								
		1	146.500	0.300	0.600		26.370	
Total Quantity							1092.388 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							1092.388 cum	
Say 1092.388 cum @ Rs 9586.59 / cum							<b>Rs 10472275.88</b>	
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 COLUMN							
C1	29	0.300	0.600	4.65-.15		23.490	
C2	1	0.300	0.600	4.65-.15		0.810	
C3	4	0.300	0.600	4.65-.15		3.240	
C4	8	0.300	0.600	4.65-.15		6.480	
C5	3	0.300	0.600	4.65-.15		2.430	
C6	46	0.450	0.600	4.65-.15		55.890	
C7	2	0.450	0.600	4.65-.15		2.430	
C8	5	0.450	0.600	4.65-.15		6.075	
C9	4	0.450	0.700	4.65-.15		5.670	
C10	3	0.450	0.700	4.65-.15		4.253	
FIRST FLOOR COLUMN							
C1	29	0.300	0.600	3.600		18.792	
C2	1	0.300	0.600	3.600		0.648	
C3	4	0.300	0.600	3.600		2.592	
C4	5	0.300	0.600	3.600		3.240	
C5	1	0.300	0.600	3.600		0.648	
C6	46	0.450	0.600	3.600		44.712	
C7	2	0.450	0.600	3.600		1.945	
C8	5	0.450	0.600	3.600		4.860	
C9	4	0.450	0.700	3.600		4.537	
C10	3	0.450	0.700	3.600		3.402	
GROUND FLOOR ROOF BEAM							
	1	865.940	0.300	0.600-.15		116.902	
	1	56.840	0.300	0.600-.15		7.674	
	1	48.880	0.300	0.300-.15		2.200	
	1	133.520	0.300	0.800-.15		26.037	
FIRST FLOOR ROOF BEAM							
	1	859.300	0.300	0.600-.15		116.006	
	1	56.840	0.300	0.600-.15		7.674	
	1	48.880	0.300	0.300-.15		2.200	
	1	14.78+12.89+12.89	0.300	.3-.15		1.826	



		9	1.200	0.300	.5*(.3-.15+.5-.15)		0.810	
		2	1.700	0.300	.5*(.3-.15+.5-.15)		0.255	
GROUND FLOOR ROOF SLAB								
		1	2070.000		0.150		310.500	LENGTH = AREA
FIRST FLOOR ROOF SLAB								
		1	1849.640		0.150		277.446	LENGTH = AREA
STAIRCASE GROUND FLOOR TYPE 2								
	FLIGHT 1 WAIST SLAB	2*1	2.660	2.000	0.150		1.596	
	FLIGHT 2 DITTO	2*1	4.380	2.000	0.150		2.628	
	FLIGHT 3 DITO	2*1	3.700	2.000	0.150		2.220	
	LANDING	2*2	1.900	2.000	0.150		2.280	
	STEPS	2*0.5*31	2.000	0.300	0.150		2.790	
	LANDING BEAM	2*1	2*7.4+6.2+6.5	0.200	.45-.15		3.301	
GROUND FLOOR STAIRCASE TYPE 1								
	FLIGHT 1 WAIST SLAB	1	1.340	2.000	0.150		0.402	
	FLIGHT 2 WAIST SLAB	1	4.050	2.000	0.150		1.215	
	FLIGHT 3 WAIST SLAB	1	1.340	2.000	0.150		0.402	
	FLIGHT 4 WAIST SLAB	1	3.730	2.000	0.150		1.119	
	LANDING BEAM	3	1.900	2.000	0.150		1.710	
	STEPS	0.5*31	2.000	0.300	0.150		1.395	
	LANDING BEAM	1	2*6.5+2*4.5	0.200	.45-.15		1.321	
STAIRCASE FIRST FLOOR TYPE 2								
	FLIGHT 1 WAIST SLAB	1	2.020	2.000	0.150		0.606	

	FLIGHT 2 DITTO	1	4.050	2.000	0.150		1.215	
	FLIGHT 3 DITO	1	2.020	2.000	0.150		0.606	
	LANDING	2	1.900	2.000	0.150		1.140	
	STEPS	0.5*26	2.000	0.300	0.150		1.170	
	LANDING BEAM	1	2*7.4+6.2 +6.5	0.200	.45-.15		1.651	
STAIRCASE FIRST FLOOR TYPE 3								
	FLIGHT 1 WAIST SLAB	1	4.090	2.000	0.150		1.227	
	FLIGHT 2 DITTO	1	3.690	2.000	0.150		1.107	
	LANDING	1	4.000	2.200	0.150		1.320	
	STEPS	0.5*22	2.000	0.300	0.150		0.990	
	LANDING BEAM	1	4.000	0.200	.45-.15		0.241	
RC PARAPETT								
	FIRST FLOOR	1	178.700	1.440	0.100		25.733	
	TERRACE	1	188.00000	1.450	0.100		27.260	
FIRST FLOOR SUNSHADE								
		1	18*1.56+2 8.62		0.100		5.671	LENGTH = AREA
STAIR ROOM COVER SLAB								
		1	60.64+34. 96		0.100		9.560	LENGTH = AREA
LIFT WALL GROUND FLOOR								
	LIFT PIT L1	1	7.000	0.200	4.500		6.301	
	LIFT PIT L2	1	2.800	0.200	4.65-.6		2.269	
	LIFT PIT L2	1	5.800	0.200	4.65-.15		5.220	
LIFT WALL FIRST FLOOR								
	LIFT PIT L1	1	7.000	0.200	3.75-.15		5.041	
	LIFT PIT L2	1	2.800	0.200	3.75-.6		1.764	
	LIFT PIT L2	1	5.800	0.200	3.75-.15		4.176	
LINTEL GROUND FLOOR								
	GROUND FLOOR	2	591.000	0.200	0.150		35.460	
FIRST FLOOR LINTEL								

	LINTEL FIRST FLOOR	2	457.400	0.200	0.150		27.444	
	LOWERGROUND FLOOR COLUMN							
	C1	8	0.300	0.600	3-.3		3.888	
	C2	1	0.300	0.600	3-.3		0.486	
	C3	3	0.300	0.600	3-.3		1.458	
	C4	1	0.300	0.600	3-.3		0.486	
	C6	7	0.450	0.600	3-.3		5.104	
	C7	1	0.450	0.600	3-.3		0.730	
	C8	4	0.450	0.600	3-.3		2.917	
	C9	2	0.450	0.700	3-.3		1.701	
	C10	3	0.450	0.700	3-.3		2.552	
	LOWER G/F RET WALL							
		1	83.600	0.430	2.600		93.465	
	STAIRCASE LOWER G/FLOOR TYPE 2							
	FLIGHT 1 WAIST SLAB	1	2.020	2.000	0.150		0.606	
	FLIGHT 2 DITTO	1	4.050	2.000	0.150		1.215	
	FLIGHT 3 DITO	1	2.020	2.000	0.150		0.606	
	LANDING	2	1.900	2.000	0.150		1.140	
	STEPS	0.5*26	2.000	0.300	0.150		1.170	
	LANDING BEAM	1	2*7.4+6.2 +6.5	0.200	.45-.15		1.651	
	SECOND FLOOR COLUMN							
	C1	29	0.300	0.600	3.600		18.792	
	C2	1	0.300	0.600	3.600		0.648	
	C3	4	0.300	0.600	3.600		2.592	
	C4	5	0.300	0.600	3.600		3.240	
	C5	1	0.300	0.600	3.600		0.648	
	C6	46	0.450	0.600	3.600		44.712	
	C7	2	0.450	0.600	3.600		1.945	
	C8	5	0.450	0.600	3.600		4.860	
	C9	4	0.450	0.700	3.600		4.537	
	C10	3	0.450	0.700	3.600		3.402	

SECOND FLOOR ROOF BEAM							
		1	859.300	0.300	0.600-.15		116.006
		1	56.840	0.300	0.600-.15		7.674
		1	48.880	0.300	0.300-.15		2.200
		1	14.78+12.89+12.89	0.300	.3-.15		1.826
		9	1.200	0.300	.5*(.3-.15+.5-.15)		0.810
		2	1.700	0.300	.5*(.3-.15+.5-.15)		0.255
SECOND FLOOR ROOF SLAB							
		1	1849.640+45.89		0.150		284.330
							LENGTH = AREA
STAIRCASE SECOND FLOOR TYPE 2							
	FLIGHT 1 WAIST SLAB	1	2.020	2.000	0.150		0.606
	FLIGHT 2 DITTO	1	4.050	2.000	0.150		1.215
	FLIGHT 3 DITO	1	2.020	2.000	0.150		0.606
	LANDING	2	1.900	2.000	0.150		1.140
	STEPS	0.5*26	2.000	0.300	0.150		1.170
	LANDING BEAM	1	2*7.4+6.2+6.5	0.200	.45-.15		1.651
STAIRCASE SECOND FLOOR TYPE 3							
	FLIGHT 1 WAIST SLAB	1	4.090	2.000	0.150		1.227
	FLIGHT 2 DITTO	1	3.690	2.000	0.150		1.107
	LANDING	1	4.000	2.200	0.150		1.320
	STEPS	0.5*22	2.000	0.300	0.150		0.990
	LANDING BEAM	1	4.000	0.200	.45-.15		0.241
SECOND FLOOR SUNSHADE							
		1	18*1.56+28.62		0.100		5.671
							LENGTH = AREA
LIFT WALL SECOND FLOOR							
	LIFT PIT L1	1	7.000	0.200	3.75-.15		5.041

	LIFT PIT L2	1	2.800	0.200	3.75-.6		1.764	
	LIFT PIT L2	1	5.800	0.200	3.75-.15		4.176	
SECOND FLOOR LINTEL								
	LINTEL 2ND FLOOR	2	457.400	0.200	0.150		27.444	
Total Quantity							1928.246 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							1928.246 cum	
Say 1928.246 cum @ Rs 10781.55 / cum							<b>Rs 20789480.66</b>	
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	6	1.500*4		0.450		16.201	
	F2	26	2.000*4		0.550		114.400	
	F3	42	2.500*4		0.600		252.000	
	F4	15	3.000*4		0.750		135.000	
	F5	9	3.200*4		0.850		97.920	
	F6	2	3.400*4		0.950		25.840	
	F7	2*2	4.500+3		0.600		18.000	
	LIFT 1	1*2	4.800+6.1		1.100		23.980	
	LIFT 2	1*2	4.500+5.0 5		1.100		21.010	
Total Quantity							704.351 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							704.351 sqm	
Say 704.351 sqm @ Rs 288.42 / sqm							<b>Rs 203148.92</b>	
10	5.9.6 Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts							
STUB COLUMN								
	C1	29*2	0.300+.6		1.200		62.640	
	C2	1*2	0.300+.6		1.200		2.160	
	C3	4*2	0.300+.6		1.200		8.640	
	c4	8*2	0.300+.6		1.200		17.280	

	c5	3*2	0.300+.6		1.200		6.480	
	c6	46*2	0.450+.6		1.200		115.920	
	c7	2*2	0.450+.6		1.200		5.040	
	C8	5*2	0.450+.6		1.200		12.600	
	C9	4*2	0.450+.7		1.200		11.040	
	C10	3*2	0.450+.7		1.200		8.280	
LOWERGROUND FLOOR COLUMN								
	C1	8*2	0.300+.6		3-.3		38.880	
	C2	1*2	0.300+.6		3-.3		4.860	
	C3	3*2	0.300+.6		3-.3		14.580	
	C4	1*2	0.300+.6		3-.3		4.860	
	C6	7*2	0.450+.6		3-.3		39.691	
	C7	1*2	0.450+.6		3-.3		5.671	
	C8	4*2	0.450+.6		3-.3		22.681	
	C9	2*2	0.450+.7		3-.3		12.420	
	C10	3*2	0.450+.7		3-.3		18.630	
GROUND FLOOR COLUMN								
	C1	29*2	0.300+.6		4.65-.4		221.850	
	C2	1*2	0.300+.6		4.65-.4		7.650	
	C3	4*2	0.300+.6		4.65-.4		30.600	
	c4	8*2	0.300+.6		4.65-.4		61.200	
	c5	3*2	0.300+.6		4.65-.4		22.950	
	c6	46*2	0.450+.6		4.65-.4		410.550	
	c7	2*2	0.450+.6		4.65-.4		17.850	
	C8	5*2	0.450+.6		4.65-.4		44.625	
	C9	4*2	0.450+.7		4.65-.4		39.100	
	C10	3*2	0.450+.7		4.65-.4		29.325	
FIRST FLOOR COLUMN								
	C1	29*2	0.300+.6		3.600		187.920	
	C2	1*2	0.300+.6		3.600		6.480	
	C3	4*2	0.300+.6		3.600		25.920	
	c4	5*2	0.300+.6		3.600		32.400	
	c5	1*2	0.300+.6		3.600		6.480	

	c6	46*2	0.450+.6		3.600		347.761	
	c7	2*2	0.450+.6		3.600		15.121	
	C8	5*2	0.450+.6		3.600		37.801	
	C9	4*2	0.450+.7		3.600		33.120	
	C10	3*2	0.450+.7		3.600		24.840	
SECOND FLOOR COLUMN								
	C1	29*2	0.300+.6		3.600		187.920	
	C2	1*2	0.300+.6		3.600		6.480	
	C3	4*2	0.300+.6		3.600		25.920	
	c4	5*2	0.300+.6		3.600		32.400	
	c5	1*2	0.300+.6		3.600		6.480	
	c6	46*2	0.450+.6		3.600		347.761	
	c7	2*2	0.450+.6		3.600		15.121	
	C8	5*2	0.450+.6		3.600		37.801	
	C9	4*2	0.450+.7		3.600		33.120	
	C10	3*2	0.450+.7		3.600		24.840	
Total Quantity							2733.739 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							2733.739 sqm	
Say 2733.739 sqm @ Rs 695.74 / sqm							<b>Rs 1901971.57</b>	
11	5.9.5 Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers							
GRADE BEAM								
	B1	2	280.540		.6-.3		168.324	
	B1	2	666.500		0.600		799.800	
	B2	2	47.700		0.600		57.240	
GROUND FLOOR ROOF BEAM								
	B1	1	865.940		.45+.3+.45		1039.128	
	B2	1	56.840		.45+.3+.45		68.208	
	B3	1	48.880		.15+.3+.15		29.328	
	B4	1	133.520		.65+.3+.65		213.633	
FIRST FLOOR ROOF BEAM								

	B1	1	859.300		.45+.3+.45		1031.160	
	B2	1	56.840		.45+.3+.45		68.208	
	B3	1	48.880		.15+.3+.15		29.328	
	B5	1	14.78+12. 89+12.89		.15+.3+.15		24.337	
	H1	9	1.200		.25+.3+.25		8.640	
	H1	2	1.700		.25+.3+.25		2.720	
GROUND FLOOR LINTEL								
	LINTEL	2*2	591.000	0.150			354.600	
FIRST FLOOR LINTEL								
	LINTEL	2*2	457.400	0.150			274.440	
2ND FLOOR ROOF BEAM								
	B1	1	859.300		.45+.3+.45		1031.160	
	B2	1	56.840		.45+.3+.45		68.208	
	B3	1	48.880		.15+.3+.15		29.328	
	B5	1	14.78+12. 89+12.89		.15+.3+.15		24.337	
	H1	9	1.200		.25+.3+.25		8.640	
	H1	2	1.700		.25+.3+.25		2.720	
2ND FLOOR LINTEL								
	LINTEL	2*2	457.400	0.150			274.440	
LOWER G/FLOOR ROOF BEAM								
		1	146.500		.45+.3+.45		175.800	
Total Quantity							5783.727 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							5783.727 sqm	
Say 5783.727 sqm @ Rs 509.93 / sqm							<b>Rs 2949295.91</b>	
12	5.9.7 Centering and shuttering including strutting, etc. and removal of form for:Stairs, (excluding landings ) except spiral - staircases)							
STAIRCASE GROUND FLOOR TYPE 2								
	FLIGHT 1 WAIST SLAB	2*1	2.660	2.000			10.640	
	DITTO SIDES	2*1*2	2.660		0.300		3.192	



	FLIGHT 2 DITTO	2*1	4.380	2.000			17.520	
	DITTO SIDES	2*1*2	4.380		0.300		5.256	
	FLIGHT 3 DITO	2*1	3.700	2.000			14.800	
	DITTO SIDES	2*1*2	3.700		0.300		4.440	
	LANDING	2*2	1.900	2.000			15.200	
	DITTO SIDES	2*2	4.000		0.150		2.400	
	STEPS	2*30	2.000		0.150		18.000	
	LANDING BEAM	2*1	2*7.4+6.2 +6.5			.3+.2+.3	44.000	
GROUND FLOOR STAIRCASE TYPE 1								
	FLIGHT 1 WAIST SLAB	1	1.340	2.000			2.680	
		1*2	1.340		0.300		0.804	
	FLIGHT 2 WAIST SLAB	1	4.050	2.000			8.100	
		1*2	4.050		0.300		2.430	
	FLIGHT 3 WAIST SLAB	1	1.340	2.000			2.680	
		2	1.340		0.300		0.804	
	FLIGHT 4 WAIST SLAB	1	3.730	2.000			7.460	
		2	3.730		0.300		2.238	
	LANDING SLAB	3	1.900	2.000			11.400	
	DITTO SIDE	3	4.000		0.150		1.800	
	STEPS	31	2.000		0.150		9.300	
	LANDING BEAM	1	2*6.5+2*4. 5			.3+.2+.3	17.600	
STAIRCASE FIRST FLOOR TYPE 2								
	FLIGHT 1 WAIST SLAB	1	2.020	2.000			4.040	
	DITTO SIDES	2	2.020		0.300		1.212	
	FLIGHT 2 DITTO	1	4.050	2.000			8.100	
	DITTO SIDES	2	4.050		0.300		2.430	
	FLIGHT 3 DITO	1	2.020	2.000			4.040	
	DITTO SIDES	2	2.020		0.300		1.212	

	LANDING	2	1.900	2.000			7.600	
	DITTO SIDES	2	4.000		0.150		1.200	
	STEPS	25	2.000		0.150		7.500	
	LANDING BEAM	1	2*7.4+6.2 +6.5		.3+.2+.3		22.000	
STAIRCASE FIRST FLOOR TYPE 3								
	FLIGHT 1 WAIST SLAB	1	4.090	2.000			8.180	
	DITTO SIDES	2	4.090		0.300		2.454	
	FLIGHT 2 DITTO	1	3.690	2.000			7.380	
	DITTO SIDES	2	3.690		0.300		2.214	
	LANDING	1	4.000	2.200			8.800	
	DITTO SIDES	1	8.400		0.150		1.260	
	STEPS	22	2.000		0.150		6.600	
	LANDING BEAM	1	4.000		.3+.2+.3		3.200	
STAIRCASE 2ND FLOOR TYPE 2								
	FLIGHT 1 WAIST SLAB	1	2.020	2.000			4.040	
	DITTO SIDES	2	2.020		0.300		1.212	
	FLIGHT 2 DITTO	1	4.050	2.000			8.100	
	DITTO SIDES	2	4.050		0.300		2.430	
	FLIGHT 3 DITO	1	2.020	2.000			4.040	
	DITTO SIDES	2	2.020		0.300		1.212	
	LANDING	2	1.900	2.000			7.600	
	DITTO SIDES	2	4.000		0.150		1.200	
	STEPS	25	2.000		0.150		7.500	
	LANDING BEAM	1	2*7.4+6.2 +6.5		.3+.2+.3		22.000	
STAIRCASE 2ND FLOOR TYPE 3								
	FLIGHT 1 WAIST SLAB	1	4.090	2.000			8.180	
	DITTO SIDES	2	4.090		0.300		2.454	
	FLIGHT 2 DITTO	1	3.690	2.000			7.380	
	DITTO SIDES	2	3.690		0.300		2.214	

	LANDING	1	4.000	2.200			8.800	
	DITTO SIDES	1	8.400		0.150		1.260	
	STEPS	22	2.000		0.150		6.600	
	LANDING BEAM	1	4.000		.3+.2+.3		3.200	
STAIRCASE LOWER G/ FLOOR TYPE 2								
	FLIGHT 1 WAIST SLAB	1	2.020	2.000			4.040	
	DITTO SIDES	2	2.020		0.300		1.212	
	FLIGHT 2 DITTO	1	4.050	2.000			8.100	
	DITTO SIDES	2	4.050		0.300		2.430	
	FLIGHT 3 DITTO	1	2.020	2.000			4.040	
	DITTO SIDES	2	2.020		0.300		1.212	
	LANDING	2	1.900	2.000			7.600	
	DITTO SIDES	2	4.000		0.150		1.200	
	STEPS	25	2.000		0.150		7.500	
	LANDING BEAM	1	2*7.4+6.2 +6.5		.3+.2+.3		22.000	
Total Quantity							460.922 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							460.922 sqm	
Say 460.922 sqm @ Rs 623.62 / sqm							<b>Rs 287440.18</b>	
13	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform							
GRADE SLAB								
	SIDES	1	75.85+77. 2		0.300		45.915	
GROUND FLOOR ROOF SLAB								
	BOTTOM	1	2070.000				2070.000	LENGTH = AREA
	SIDES	1	291.000		0.150		43.650	
FIRST FLOOR ROOF SLAB								
	BOTTOM	1	1849.640				1849.640	LENGTH = AREA
	SIDES	1	290.000		0.150		43.500	

GROUND FLOOR COLUMN							
C1	95		0.300	0.600		-17.099	
C2	12		0.300	0.300		-1.080	
FIRST FLOOR COLUMN							
C1	86+2		0.300	0.600		-15.840	
C2	12		0.300	0.300		-1.080	
GROUND FLOOR ROOF BEAM							
B1	1	865.940	0.300			-259.781	
B2	1	56.840	0.300			-17.052	
B3	1	48.880	0.300			-14.664	
B4	1	133.520	0.300			-40.056	
FIRST FLOOR ROOF BEAM							
B1	1	859.300	0.300			-257.789	
B2	1	56.840	0.300			-17.052	
B3	1	48.880	0.300			-14.664	
B5	1	14.78+12. 89+12.89	0.300			-12.168	
H1	9	1.200	0.300			-3.239	
H1	2	1.700	0.300			-1.020	
STAIR ROOM COVER SLAB							
	1	60.64+34. 97				95.610	
SIDES	1	55.730		0.100		5.573	
FIRST FLOOR ROOF SLAB							
BOTTOM	1	1849.640+ 45.9				1895.541	LENGTH = AREA
SIDES	1	290.000- 28		0.150		39.300	
FIRST FLOOR ROOF BEAM							
B1	1	859.300	0.300			-257.789	
B2	1	56.840	0.300			-17.052	
B3	1	48.880	0.300			-14.664	
B5	1	14.78+12. 89+12.89	0.300			-12.168	

	H1	9	1.200	0.300			-3.239	
	H1	2	1.700	0.300			-1.020	
LOWER GROUND ROOF SLAB								
	SLAB AREA	1	416.000-38				378.000	
	DEDUCE BEAM AREA	-1	146.500	0.300			-43.949	
	EDGE	1	45.000		0.150		6.750	
Total Quantity							6429.530 sqm	
Total Deducted Quantity							-978.516 sqm	
Net Total Quantity							5451.014 sqm	
Say 5451.014 sqm @ Rs 628.00 / sqm							<b>Rs 3423236.79</b>	
14	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								
	LIFT PIT L1	2	7.000		1.750		24.500	
	LIFT PIT L2	2	2.800		1.150		6.440	
	LIFT PIT L2	2	5.800		1.750		20.300	
RC PARAPETT								
	FIRST FLOOR	2	178.700		1.440		514.656	
	TERRACE	2	188.00000		1.450		545.200	
LIFT WALL GROUND FLOOR								
	LIFT PIT L1	2	7.000		4.500		63.000	
	LIFT PIT L2	2	2.800		4.65-.6		22.681	
	LIFT PIT L2	2	5.800		4.65-.15		52.200	
LIFT WALL FIRST FLOOR								
	LIFT PIT L1	2	7.000		3.75-.15		50.400	
	LIFT PIT L2	2	2.800		3.75-.6		17.640	
	LIFT PIT L2	2	5.800		3.75-.15		41.760	
LIFT WALL 2ND FLOOR								
	LIFT PIT L1	2	7.000		3.75-.15		50.400	
	LIFT PIT L2	2	2.800		3.75-.6		17.640	
	LIFT PIT L2	2	5.800		3.75-.15		41.760	

LOWER G/F RET WALL							
		2	83.600		2.600		434.720
	Total Quantity						1903.297 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						1903.297 sqm
	Say 1903.297 sqm @ Rs 563.02 / sqm						<b>Rs 1071594.28</b>
15	5.9.13 Centering and shuttering including strutting, etc. and removal of form for:Vertical and horizontal fins individually for forming box louvers band, facias and eaves boards						
FIRST FLOOR SUNSHADE							
	BOTTOM	1	18*1.56+2 8.62			56.700	LENGTH = AREA
	SIDES	1	18*1.56+2 8.62		0.250	14.175	LENGTH = AREA
2ND FLOOR SUNSHADE							
	BOTTOM	1	18*1.56+2 8.62			56.700	LENGTH = AREA
	SIDES	1	18*1.56+2 8.62		0.250	14.175	LENGTH = AREA
	Total Quantity						141.750 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						141.750 sqm
	Say 141.750 sqm @ Rs 933.68 / sqm						<b>Rs 132349.14</b>
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	638.391			45.0	28727.595
	UPPER GRADE BEAM	1	179.054			160.0	28648.640
	GRADE SLAB	1	213.900			80.0	17112.000
	STUB COLUMN	1	29.538			230.0	6793.740
	LIFT PIT WALL	1	5.124			140.0	717.360
	LOWER G/F GRADE BEAM	1	26.370			160.0	4219.200
	Total Quantity						86218.535 kilogram
	Total Deducted Quantity						0.000 kilogram

		Net Total Quantity					86218.535 kilogram	
		Say 86218.535 kilogram @ Rs 84.17 / kilogram					<b>Rs 7257014.09</b>	
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							
	G/F COLUMN	1	110.768			315.0	34891.920	LENGTH = VOLUME
	FIRST FLOOR COLUMN	1	85.376			230.0	19636.480	LENGTH = VOLUME
	G/F ROOF BEAM	1	152.813			160.0	24450.080	LENGTH = VOLUME
	F/F ROOF BEAM	1	128.771			160.0	20603.360	LENGTH = VOLUME
	G/F ROOF SLAB	1	310.500			80.0	24840.000	LENGTH = VOLUME
	F/F ROOF SLAB	1	277.446			80.0	22195.680	LENGTH = VOLUME
	STAIRS	1	14.815+7. 564+6.388 +4.885			140.0	4711.280	LENGTH = VOLUME
	RC PARAPET	1	52.993			100.0	5299.300	LENGTH = VOLUME
	SUNSHADE	1	5.671			100.0	567.100	LENGTH = VOLUME
	STAIR ROOM ROOF SLAB	1	9.560			80.0	764.801	LENGTH = VOLUME
	LIFT WALL G/F	1	13.790			140.0	1930.600	LENGTH = VOLUME

	LIFT WALL F/F	1	10.981			140.0	1537.340	LENGTH = VOLUME
	LINTEL G/F	1	35.4600			100.0	3546.000	LENGTH = VOLUME
	LINTEL F/F	1	27.440			100.0	2744.000	LENGTH = VOLUME
	COLUMN LOWER G/F	1	19.322			315.0	6086.430	LENGTH = VOLUME
	RET WALL LOWER G/F	1	93.465			140.0	13085.100	LENGTH = VOLUME
	STAIR LOWER G/F	1	6.388			140.0	894.320	LENGTH = VOLUME
	2ND/F COLUMN	1	85.376			230.0	19636.480	LENGTH = VOLUME
	2ND/F ROOF BEAM	1	128.771			160.0	20603.360	LENGTH = VOLUME
	2ND /F ROOF SLAB	1	284.330			80.0	22746.400	LENGTH = VOLUME
	STAIR 2ND/F	1	6.388+4.8 85			80.0	901.840	LENGTH = VOLUME
	2ND/F SUNSHADE	1	5.671			100.0	567.100	LENGTH = VOLUME
	2ND/F LIFT WALL	1	10.981			140.0	1537.340	LENGTH = VOLUME
	2ND/F LINTEL	1	27.444			100.0	2744.400	LENGTH = VOLUME
	Total Quantity						256520.711 kg	



Total Deducted Quantity						0.000 kg
Net Total Quantity						256520.711 kg
Say 256520.711 kg @ Rs 84.17 / kg						<b>Rs 21591348.24</b>
18	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 RCC						
F1	6	1.500	1.500	0.450		6.075
	6*0.33	1.5*1.5+0.65*.9+1.147		0.450		3.548
F2	26	2.000	2.000	0.550		57.200
	26*0.33	2*2+0.65*0.9+1.5		0.550		28.716
F3	42	2.500	2.500	0.600		157.500
	42*0.33	2.5*2.5+0.65*0.9+1.912		0.500		60.617
F4	15	3.000	3.000	0.750		101.250
	15*0.33	3*3+0.65*0.9+2.29		0.450		26.452
F5	9	3.200	3.200	0.850		78.337
	9*0.33	3.2*3.2+0.65*0.9+2.44		0.350		13.789
F6	2	3.400	3.400	0.950		21.964
	2*0.33	3.4*3.4+0.65*0.8+2.6		0.250		2.423
F7	2	4.500	3.000	0.600		16.200
	2*0.33	4.5*3+3*0.8+5.69		0.500		7.125
LIFT 1	1	4.800	6.100	1.100		32.208
LIFT 2	1	4.500	5.050	1.100		24.998
UPPER GRADE BEAM						
B1	1	280.540	0.300	0.600		50.498

	B1	1	666.500	0.300	0.600		119.970	
	B2	1	47.700	0.300	0.600		8.586	
GRADE SLAB								
	SLAB	1	290+423		0.300		213.900	LENGTH = AREA
STUB COLUMN								
	C1	29	0.300	0.600	1.200		6.264	
	C2	1	0.300	0.600	1.200		0.216	
	C3	4	0.300	0.600	1.200		0.864	
	c4	8	0.300	0.600	1.200		1.728	
	c5	3	0.300	0.600	1.200		0.648	
	c6	46	0.450	0.600	1.200		14.904	
	c7	2	0.450	0.600	1.200		0.648	
	C8	5	0.450	0.600	1.200		1.620	
	C9	4	0.450	0.700	1.200		1.512	
	C10	3	0.450	0.700	1.200		1.134	
LIFT PIT								
	LIFT PIT L1	1	7.000	0.200	1.750		2.450	
	LIFT PIT L2	1	2.800	0.200	1.150		0.644	
	LIFT PIT L2	1	5.800	0.200	1.750		2.030	
LOWERG/F GRADE BEAM								
		1	146.500	0.300	0.600		26.370	
GROUND FLOOR COLUMN								
	C1	29	0.300	0.600	4.65-.15		23.490	
	C2	1	0.300	0.600	4.65-.15		0.810	
	C3	4	0.300	0.600	4.65-.15		3.240	
	C4	8	0.300	0.600	4.65-.15		6.480	
	C5	3	0.300	0.600	4.65-.15		2.430	
	C6	46	0.450	0.600	4.65-.15		55.890	
	C7	2	0.450	0.600	4.65-.15		2.430	
	C8	5	0.450	0.600	4.65-.15		6.075	
	C9	4	0.450	0.700	4.65-.15		5.670	
	C10	3	0.450	0.700	4.65-.15		4.253	

FIRST FLOOR COLUMN								
C1	29	0.300	0.600	3.600		18.792		
C2	1	0.300	0.600	3.600		0.648		
C3	4	0.300	0.600	3.600		2.592		
C4	5	0.300	0.600	3.600		3.240		
C5	1	0.300	0.600	3.600		0.648		
C6	46	0.450	0.600	3.600		44.712		
C7	2	0.450	0.600	3.600		1.945		
C8	5	0.450	0.600	3.600		4.860		
C9	4	0.450	0.700	3.600		4.537		
C10	3	0.450	0.700	3.600		3.402		
GROUND FLOOR ROOF BEAM								
	1	865.940	0.300	0.600-.15		116.902		
	1	56.840	0.300	0.600-.15		7.674		
	1	48.880	0.300	0.300-.15		2.200		
	1	133.520	0.300	0.800-.15		26.037		
FIRST FLOOR ROOF BEAM								
	1	859.300	0.300	0.600-.15		116.006		
	1	56.840	0.300	0.600-.15		7.674		
	1	48.880	0.300	0.300-.15		2.200		
	1	14.78+12.89+12.89	0.300	.3-.15		1.826		
	9	1.200	0.300	.5*(.3-.15+.5-.15)		0.810		
	2	1.700	0.300	.5*(.3-.15+.5-.15)		0.255		
GROUND FLOOR ROOF SLAB								
	1	2070.000		0.150		310.500		LENGTH = AREA
FIRST FLOOR ROOF SLAB								
	1	1849.640		0.150		277.446		LENGTH = AREA
STAIRCASE GROUND FLOOR TYPE 2								

	FLIGHT 1 WAIST SLAB	2*1	2.660	2.000	0.150		1.596	
	FLIGHT 2 DITTO	2*1	4.380	2.000	0.150		2.628	
	FLIGHT 3 DITO	2*1	3.700	2.000	0.150		2.220	
	LANDING	2*2	1.900	2.000	0.150		2.280	
	STEPS	2*0.5*31	2.000	0.300	0.150		2.790	
	LANDING BEAM	2*1	2*7.4+6.2 +6.5	0.200	.45-.15		3.301	
GROUND FLOOR STAIRCASE TYPE 1								
	FLIGHT 1 WAIST SLAB	1	1.340	2.000	0.150		0.402	
	FLIGHT 2 WAIST SLAB	1	4.050	2.000	0.150		1.215	
	FLIGHT 3 WAIST SLAB	1	1.340	2.000	0.150		0.402	
	FLIGHT 4 WAIST SLAB	1	3.730	2.000	0.150		1.119	
	LANDING BEAM	3	1.900	2.000	0.150		1.710	
	STEPS	0.5*31	2.000	0.300	0.150		1.395	
	LANDING BEAM	1	2*6.5+2*4. 5	0.200	.45-.15		1.321	
STAIRCASE FIRST FLOOR TYPE 2								
	FLIGHT 1 WAIST SLAB	1	2.020	2.000	0.150		0.606	
	FLIGHT 2 DITTO	1	4.050	2.000	0.150		1.215	
	FLIGHT 3 DITO	1	2.020	2.000	0.150		0.606	
	LANDING	2	1.900	2.000	0.150		1.140	
	STEPS	0.5*26	2.000	0.300	0.150		1.170	
	LANDING BEAM	1	2*7.4+6.2 +6.5	0.200	.45-.15		1.651	
STAIRCASE FIRST FLOOR TYPE 3								
	FLIGHT 1 WAIST SLAB	1	4.090	2.000	0.150		1.227	
	FLIGHT 2 DITTO	1	3.690	2.000	0.150		1.107	
	LANDING	1	4.000	2.200	0.150		1.320	
	STEPS	0.5*22	2.000	0.300	0.150		0.990	

	LANDING BEAM	1	4.000	0.200	.45-.15		0.241	
	RC PARAPETT							
	FIRST FLOOR	1	178.700	1.440	0.100		25.733	
	TERRACE	1	188.00000	1.450	0.100		27.260	
	STAIR ROOM COVER SLAB							
		1	60.64+34. 96		0.100		9.560	LENGTH = AREA
	LIFT WALL GROUND FLOOR							
	LIFT PIT L1	1	7.000	0.200	4.500		6.301	
	LIFT PIT L2	1	2.800	0.200	4.65-.6		2.269	
	LIFT PIT L2	1	5.800	0.200	4.65-.15		5.220	
	LIFT WALL FIRST FLOOR							
	LIFT PIT L1	1	7.000	0.200	3.75-.15		5.041	
	LIFT PIT L2	1	2.800	0.200	3.75-.6		1.764	
	LIFT PIT L2	1	5.800	0.200	3.75-.15		4.176	
	LOWERGROUND FLOOR COLUMN							
	C1	8	0.300	0.600	3-.3		3.888	
	C2	1	0.300	0.600	3-.3		0.486	
	C3	3	0.300	0.600	3-.3		1.458	
	C4	1	0.300	0.600	3-.3		0.486	
	C6	7	0.450	0.600	3-.3		5.104	
	C7	1	0.450	0.600	3-.3		0.730	
	C8	4	0.450	0.600	3-.3		2.917	
	C9	2	0.450	0.700	3-.3		1.701	
	C10	3	0.450	0.700	3-.3		2.552	
	LOWER G/F RET WALL							
		1	83.600	0.430	2.600		93.465	
	STAIRCASE LOWER G/FLOOR TYPE 2							
	FLIGHT 1 WAIST SLAB	1	2.020	2.000	0.150		0.606	
	FLIGHT 2 DITTO	1	4.050	2.000	0.150		1.215	
	FLIGHT 3 DITO	1	2.020	2.000	0.150		0.606	
	LANDING	2	1.900	2.000	0.150		1.140	

	STEPS	0.5*26	2.000	0.300	0.150		1.170	
	LANDING BEAM	1	2*7.4+6.2 +6.5	0.200	.45-.15		1.651	
SECOND FLOOR COLUMN								
	C1	29	0.300	0.600	3.600		18.792	
	C2	1	0.300	0.600	3.600		0.648	
	C3	4	0.300	0.600	3.600		2.592	
	C4	5	0.300	0.600	3.600		3.240	
	C5	1	0.300	0.600	3.600		0.648	
	C6	46	0.450	0.600	3.600		44.712	
	C7	2	0.450	0.600	3.600		1.945	
	C8	5	0.450	0.600	3.600		4.860	
	C9	4	0.450	0.700	3.600		4.537	
	C10	3	0.450	0.700	3.600		3.402	
SECOND FLOOR ROOF BEAM								
		1	859.300	0.300	0.600-.15		116.006	
		1	56.840	0.300	0.600-.15		7.674	
		1	48.880	0.300	0.300-.15		2.200	
		1	14.78+12. 89+12.89	0.300	.3-.15		1.826	
		9	1.200	0.300	.5*(.3- .15+.5- .15)		0.810	
		2	1.700	0.300	.5*(.3- .15+.5- .15)		0.255	
SECOND FLOOR ROOF SLAB								
		1	1849.640+ 45.89		0.150		284.330	LENGTH = AREA
STAIRCASE SECOND FLOOR TYPE 2								
	FLIGHT 1 WAIST SLAB	1	2.020	2.000	0.150		0.606	
	FLIGHT 2 DITTO	1	4.050	2.000	0.150		1.215	
	FLIGHT 3 DITO	1	2.020	2.000	0.150		0.606	
	LANDING	2	1.900	2.000	0.150		1.140	

	STEPS	0.5*26	2.000	0.300	0.150		1.170	
	LANDING BEAM	1	2*7.4+6.2 +6.5	0.200	.45-.15		1.651	
STAIRCASE SECOND FLOOR TYPE 3								
	FLIGHT 1 WAIST SLAB	1	4.090	2.000	0.150		1.227	
	FLIGHT 2 DITTO	1	3.690	2.000	0.150		1.107	
	LANDING	1	4.000	2.200	0.150		1.320	
	STEPS	0.5*22	2.000	0.300	0.150		0.990	
	LANDING BEAM	1	4.000	0.200	.45-.15		0.241	
LIFT WALL SECOND FLOOR								
	LIFT PIT L1	1	7.000	0.200	3.75-.15		5.041	
	LIFT PIT L2	1	2.800	0.200	3.75-.6		1.764	
	LIFT PIT L2	1	5.800	0.200	3.75-.15		4.176	
Total Quantity							2918.944 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							2918.944 cum	
Say 2918.944 cum @ Rs 103.35 / cum							<b>Rs 301672.86</b>	
19	<p>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).</p>							
GF								
	Workshop	2	24.800	0.200	3.750		37.200	
		3	4.400	0.200	3.750		9.900	
		1	5.300	0.200	3.750		3.975	
		1	3.200	0.200	3.750		2.401	
	electrical room	1	7.400	0.200	3.750		5.551	
		1	2.200	0.200	3.750		1.651	
	workshop	2	24.400	0.200	3.750		36.600	
		2	10.200	0.200	3.750		15.300	
		3	6.100	0.200	2.400		8.784	
		4	1.200	0.200	2.400		2.304	
		2	2.700	0.200	3.750		4.051	

	Ladies toilet	3	10.500	0.200	3.750		23.625	
		9	1.500	0.200	2.400		6.480	
		1	6.000	0.200	3.750		4.501	
		1	5.400	0.200	3.750		4.051	
		1	4.400	0.200	3.750		3.301	
		1	7.200	0.200	3.750		5.400	
		1	4.500	0.200	3.750		3.375	
		1	2.500	0.200	3.750		1.875	
		1	1.300	0.200	3.750		0.976	
		2	5.800	0.200	3.750		8.700	
		5	3.700	0.200	3.750		13.876	
		1	1.500	0.200	3.750		1.126	
		2	4.300	0.200	3.750		6.450	
		1	3.800	0.200	3.750		2.850	
	Stair	1	3.800	0.200	3.750		2.850	
		3	5.000	0.200	3.750		11.250	
		1	13.200	0.200	3.750		9.900	
		1	9.000	0.200	3.750		6.750	
		1	16.800	0.200	3.750		12.601	
		2	7.200	0.200	3.750		10.800	
		3	6.600	0.200	3.750		14.851	
		2	1.800	0.200	2.400		1.729	
	Gents Toilet	2	5.000	0.200	3.700		7.400	
		3	10.100	0.200	3.700		22.422	
		4	2.400	0.200	2.400		4.608	
	Store	1	5.600	0.200	3.750		4.200	
		1	11.600	0.200	3.750		8.700	
		1	10.400	0.200	3.750		7.801	
		1	6.900	0.200	3.750		5.176	
	stair 2 and GI cabin	1	6.500	0.200	3.750		4.875	
		1	4.000	0.200	3.750		3.000	
		1	7.300	0.200	3.750		5.475	
	Seminar hall	3	15.900	0.200	3.750		35.776	



		2	15.000	0.200	3.750		22.500	
	D1	15	1.000	2.100	0.200		-6.300	
	D2	9	1.200	2.400	0.200		-5.183	
	D3	7	0.800	2.100	0.200		-2.352	
	W4	14	2.000	1.500	0.200		-8.400	
	W2	5	1.000	1.500	0.200		-1.500	
	V	6	0.500	0.600	0.200		-0.360	
	RS	3	4.000	4.100	0.200		-9.840	
	FF							
	Workshop	2	24.200	0.200	2.700		26.136	
		1	7.300	0.200	2.700		3.942	
		4	1.200	0.200	2.400		2.304	
		1	3.500	0.200	2.700		1.891	
		3	3.200	0.200	2.700		5.185	
	Stair	3	3.200	0.200	2.700		5.185	
	Class Room	8	6.200	0.200	2.700		26.785	
		5	9.600	0.200	2.700		25.920	
	Gents Toilet	3	7.780	0.200	2.700		12.604	
		1	1.100	0.200	2.700		0.595	
	Class room	3	6.600	0.200	2.700		10.693	
		2	11.500	0.200	2.700		12.421	
	Digital Library	2	17.600	0.200	2.700		19.009	
		1	4.800	0.200	2.700		2.592	
	Class Room	3	7.200	0.200	2.700		11.665	
		4	6.800	0.200	2.700		14.689	
	L Toilet	3	6.500	0.200	2.700		10.531	
		8	1.500	0.200	2.400		5.761	
	class room	3	9.500	0.200	2.700		15.391	
		4	7.000	0.200	2.700		15.121	
	SF							
	Workshop	2	24.200	0.200	2.700		26.136	
		1	7.300	0.200	2.700		3.942	
		1	3.500	0.200	2.700		1.891	

		3	3.200	0.200	2.700		5.185	
	Stair	3	3.200	0.200	2.700		5.185	
	Class Room	8	6.200	0.200	2.700		26.785	
		5	9.600	0.200	2.700		25.920	
	Gents Toilet	3	7.780	0.200	2.700		12.604	
		1	1.100	0.200	2.700		0.595	
		4	1.500	0.200	2.400		2.881	
	Class room	3	6.600	0.200	2.700		10.693	
		2	11.500	0.200	2.700		12.421	
	Digital Library	2	17.600	0.200	2.700		19.009	
		1	4.800	0.200	2.700		2.592	
	Class Room	3	7.200	0.200	2.700		11.665	
		4	6.800	0.200	2.700		14.689	
	L Toilet	3	6.500	0.200	2.700		10.531	
		8	1.500	0.200	2.400		5.761	
	class room	3	9.500	0.200	2.700		15.391	
		4	7.000	0.200	2.700		15.121	
	D1	5	1.000	2.100	0.200		-2.100	
	D2	13	1.000	2.100	0.200		-5.460	
	D3	19	0.800	2.100	0.200		-6.384	
	W4	34	2.000	1.500	0.200		-20.400	
	V	14	0.500	6.000	0.200		-8.400	
	LGF							
		1	14.740	0.200	3.000		8.845	
	D2	1	1.200	2.400	0.200		-0.576	
	Total Quantity						883.229 cum	
	Total Deducted Quantity						-77.255 cum	
	Net Total Quantity						805.974 cum	
	Say 805.974 cum @ Rs 8457.21 / cum						<b>Rs 6816291.37</b>	
20	13.4.2 12 mm cement plaster of mix:1:6 ( 1 cement : 6 coarse sand)							
	GF							
	Workshop	1	78.600		4.600		361.560	

		1	78.600		4.600		361.560	
	Toilet	1	41.400		4.600		190.440	
	ELE Room	1	25.600		4.600		117.760	
	lift	1	8.800		4.600		40.480	
	stair	1	33.800		1.000		33.800	
	workshop	1	74.240		4.600		341.504	
		1	37.800		4.600		173.880	
	Toilet	1	47.200		4.600		217.120	
		1	14.400		4.600		66.240	
	Toilet	1	28.900		4.600		132.940	
		1	61.600		4.600		283.360	
		1	61.600		4.600		283.360	
		1	7.600		4.600		34.960	
		1	16.400		4.600		75.440	
		1	42.200		4.600		194.120	
		1	15.600		4.600		71.760	
	Stair	1	38.800		1.000		38.800	
		1	18.000		4.600		82.800	
		1	13.300		4.600		61.180	
		1	33.400		4.600		153.640	
		1	38.200		4.600		175.720	
		1	41.400		4.600		190.440	
	Gents toilet	1	45.800		4.600		210.680	
	Store room	1	47.200		4.600		217.120	
	GI Cabin	1	9.400		4.600		43.240	
	Stair	1	39.900		1.000		39.900	
	Corridor	1	181.000		4.600		832.600	
		1	72.400		4.600		333.040	
	Seminar Hall	1	86.800		4.600		399.280	
	D1	16	1.000	2.100			-33.600	
	D2	11	1.200	2.400			-31.680	
	D3	32	0.800	2.100			-53.760	
	W2	1	1.000	1.500			-1.500	

	W4	16	2.000	1.500			-48.000	
	V	19	0.600	0.500			-5.700	
	FF							
	Workshop	1	68.000	3.600			244.800	
		1	51.100	3.600			183.960	
	Stair	3	38.900				116.700	
	Class room	10	36.000	3.600			1296.000	
	lift	2	4.100	3.600			29.520	
	G toilet	1	42.700	3.600			153.721	
	L tiolet	1	68.400	3.600			246.241	
		1	68.400	3.600			246.241	
	Library	1	56.500	3.600			203.400	
	Passage	1	168.500	3.600			606.600	
	D1	5	1.000	2.100			-10.500	
	D2	13	1.000	2.100			-27.300	
	D3	19	0.800	2.100			-31.920	
	W4	34	2.000	1.500			-102.000	
	V	14	0.500	6.000			-42.000	
	TF							
	Lift	2	8.200	3.000			49.200	
	FF							
	Workshop	1	68.000	3.600			244.800	
		1	51.100	3.600			183.960	
	Stair	3	38.900				116.700	
	Class room	10	36.000	3.600			1296.000	
	lift	2	4.100	3.600			29.520	
	G toilet	1	42.700	3.600			153.721	
	L tiolet	1	68.400	3.600			246.241	
		1	68.400	3.600			246.241	
	Library	1	56.500	3.600			203.400	
	Passage	1	168.500	3.600			606.600	
	D1	5	1.000	2.100			-10.500	
	D2	13	1.000	2.100			-27.300	

	D3	19	0.800	2.100			-31.920	
	W4	34	2.000	1.500			-102.000	
	V	14	0.500	6.000			-42.000	
	LGF							
		1	93.000	3.000			279.000	
	Total Quantity						12741.290 sqm	
	Total Deducted Quantity						-601.680 sqm	
	Net Total Quantity						12139.610 sqm	
	Say 12139.610 sqm @ Rs 250.20 / sqm						<b>Rs 3037330.42</b>	
21	13.4.1 12 mm cement plaster of mix:1:4 ( 1 cement : 4 coarse sand)							
	GF							
	External wall	3	46.000	5.400			745.200	
		1	37.300	5.400			201.420	
	Car porch column	5	1.800	4.800			43.200	
		2	8.200	2.100			34.440	
		1	9.600	2.100			20.160	
	Vertical fin	36	0.600	5.200			112.321	
	RS	3	4.100	4.000			-49.199	
	FF							
	External wall	4	46.000	3.750			690.000	
	Central demo wall	4	7.000	3.750			105.000	
	TF							
	Parapet	4	46.000	2.000			368.000	
	lift	1	9.800	3.600			35.280	
	FF							
	External wall	4	46.000	3.750			690.000	
	Central demo wall	4	7.000	3.750			105.000	
	Total Quantity						3150.021 sqm	
	Total Deducted Quantity						-49.199 sqm	
	Net Total Quantity						3100.822 sqm	
	Say 3100.822 sqm @ Rs 268.94 / sqm						<b>Rs 833935.07</b>	
22	13.16.1							

	6 mm cement plaster of mix:1:3 ( 1 cement : 3 fine sand)							
	GF	1	1692.000				1692.000	
	FF	1	1394.000				1394.000	
	SF	1	1394.000				1394.000	
	LGF	1	412.000				412.000	
	Total Quantity						4892.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						4892.000 sqm	
	Say 4892.000 sqm @ Rs 213.84 / sqm						<b>Rs 1046105.28</b>	
23	<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>							
	FIRST FLOOR							
	TOILET(WIREMAN WORKSHOP)	3	1.200	1.500			5.400	
		3*2	1.2+1.5		0.300		4.860	
	L A D I E S TOILET(WIREMAN WORKSHOP)	1	1.200	1.500			1.800	
		1*2	1.2+1.5		0.300		1.620	
	G E N T S TOILET(BOTTOM LEFT)	1	1.500	2.300			3.450	
		1*2	1.5+2.3		0.300		2.280	
		2	1.500	1.500			4.500	
		2*2	1.5+1.5		0.300		3.600	
		1	1.500	1.600			2.401	
		1*2	1.5+1.6		0.300		1.860	
	L A D I E S TOILET(BOTTOM RIGHT)	1	1.500	1.500			2.250	
		1*2	1.5+1.5		0.300		1.800	

		4	1.500	1.100			6.601	
		4*2	1.5+1.1		0.300		6.240	
		2	1.500	1.200			3.600	
		2*2	1.5+1.2		0.300		3.240	
		1	1.500	1.400			2.100	
		1*2	1.5+1.4		0.300		1.740	
SECOND FLOOR								
	TOILET(WIREMAN WORKSHOP)	3	1.200	1.500			5.400	
		3*2	1.2+1.5		0.300		4.860	
	L A D I E S TOILET(WIREMAN WORKSHOP)	1	1.200	1.500			1.800	
		1*2	1.2+1.5		0.300		1.620	
	G E N T S TOILET(BOTTOM LEFT)	1	1.500	2.300			3.450	
		1*2	1.5+2.3		0.300		2.280	
		2	1.500	1.500			4.500	
		2*2	1.5+1.5		0.300		3.600	
		1	1.500	1.600			2.401	
		1*2	1.5+1.6		0.300		1.860	
	L A D I E S TOILET(BOTTOM RIGHT)	1	1.500	1.500			2.250	
		1*2	1.5+1.5		0.300		1.800	
		4	1.500	1.100			6.601	
		4*2	1.5+1.1		0.300		6.240	
		2	1.500	1.200			3.600	
		2*2	1.5+1.2		0.300		3.240	
		1	1.500	1.400			2.100	
		1*2	1.5+1.4		0.300		1.740	
Total Quantity							118.684 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							118.684 sqm	

		Say 118.684 sqm @ Rs 443.60 / sqm				Rs 52648.22	
24	od183233/2019_2020 Mat polished finish on concrete surface by flooring the process "DENSIFIED FLOOR" Vid. as Grinding the concrete floor using Coarse, Medium diamond grinding tools for removing the latency and minor level difference and opening up the pores in concrete, Densification of the floor using hybrid densifier, Densifier reacts with the UN-hydrated lime present in concrete and makes the concrete surface dense and hard.It offers many benefitssuch as reduced dusting, higher gloss readings, increased abrasion resistance, and a longer lifespan of the concrete floor. For this to achieve, the concrete floor is allowed to be saturated with densifier, sealing with external grade sealer is applied on the floor after polishing to protect the floor from the effects of weather and to make the floor water repellent and stain resistant, burnishing the floor using a floor burnisher to bring about more shine and remove excess sealer from the floor etc in compliance to ASTM C-779 - Standard test method for abrasion resistance on horizontal floor surfaces. This item shall be executed only by the agency which has all required manufacturing machinery and necessary expertise.						
	SURVEYOR WORKSHOP	1	11.400	8.590			97.926
		1*2	11.4+8.59		0.100		3.999
	DRAUGHTSMAN CIVIL	1	21.500	10.200			219.300
		1	5.300	6.800			36.040
		1*2	21.5+10.2 +5.2+5.3+ 6.8		0.100		9.800
	ELECTRONIC MECHANIC	1	10.400	8.700			90.480
		1	7.000	4.100			28.700
		1*2	10.4+8.7+ 7+4.1		0.100		6.041
		Total Quantity				492.286 sqm	
		Total Deducted Quantity				0.000 sqm	
		Net Total Quantity				492.286 sqm	
		Say 492.286 sqm @ Rs 599.89 / sqm				Rs 295317.45	
25	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.						
		GF					
	Principal room	1	38.000				38.000





		1	10.000	0.100			1.000		
	Workshop	1	257.850				257.851		
		1	85.600	0.100			8.560		
	Passage	1	420.000				420.000		
		1	242.000	0.100			24.201		
	Stair	3	37.500				112.500		
	FF								
	Class room	10	79.800				798.000		
		10	36.200	0.100			36.200		
	Digital library	1	111.800				111.800		
		1	43.200	0.100			4.320		
		1	16.500				16.500		
		1	10.000	0.100			1.000		
	Workshop	1	257.850				257.851		
		1	85.600	0.100			8.560		
	Passage	1	420.000				420.000		
		1	242.000	0.100			24.201		
	Stair	3	37.500				112.500		
	Total Quantity						5027.745 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						5027.745 sqm		
	Say 5027.745 sqm @ Rs 1664.66 / sqm						<b>Rs 8369485.99</b>		
26	<p>11.36          Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.</p>								
	GF								
	L Toilet	11	5.600	2.100			129.360		
	G T	5	8.000	2.100			84.000		
	Staff toilet	3	6.600	2.100			41.580		
	VIP room	1	6.800	2.100			14.280		
	VP room	1	6.800	2.100			14.280		

	Principal room	1	7.600	2.100			15.960		
	W/S	4	5.800	2.100			48.720		
		4	7.400	2.100			62.161		
	D3	27	0.800	2.100			-45.360		
		2	1.000	2.100			-4.200		
	FF								
	Gents toilet	5	6.000	2.100			63.001		
	L Toilet	7	5.400	2.100			79.381		
	W/S	6	5.400	2.100			68.040		
	d3	18	0.800	2.100			-30.240		
	SF								
	Gents toilet	5	6.000	2.100			63.001		
	L Toilet	7	5.400	2.100			79.381		
	W/S	6	5.400	2.100			68.040		
	d3	18	0.800	2.100			-30.240		
	Total Quantity						831.185 sqm		
	Total Deducted Quantity						-110.040 sqm		
	Net Total Quantity						721.145 sqm		
	Say 721.145 sqm @ Rs 1107.59 / sqm						<b>Rs 798732.99</b>		
27	11.38	<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>							
	GF								
	Gents toilet	1	47.070				47.070		
	Ladies toilet	1	44.420				44.420		
	Change room	1	19.180				19.180		
		1	18.080				18.080		
	Staff room	1	7.800				7.800		
	Vice principal room	1	2.550				2.550		
	VIP Room	1	2.850				2.850		
	Principal room	1	3.250				3.250		
	FF								

	Gents toilet	1	47.040				47.040	
	Ladies toilet	1	44.400				44.400	
	Change room	1	18.040				18.040	
	SF							
	Gents toilet	1	47.040				47.040	
	Ladies toilet	1	44.400				44.400	
	Change room	1	18.040				18.040	
	Total Quantity						364.160 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						364.160 sqm	
	Say 364.160 sqm @ Rs 1112.20 / sqm						<b>Rs 405018.75</b>	
28	od180091/2019_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.							
	For vertical fin	36	2*.6+.15		5.200		252.720	
	In front colimns	3	1.800		4.800		25.920	
	Total Quantity						278.640 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						278.640 sqm	
	Say 278.640 sqm @ Rs 1204.61 / sqm						<b>Rs 335652.53</b>	
29	od180124/2019_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.							
	For planter boxes							
		16	2.000	0.600			19.200	
		4	1.500	0.600	1.000		3.600	
		1	1.000	0.600	1.000		0.600	
		1	9.600	0.600	1.000		5.760	
	Total Quantity						29.160 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						29.160 sqm	

		Say 29.160 sqm @ Rs 1215.47 / sqm				Rs 35443.11	
30	13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer						
		GF					
	Workshop	1	78.600		4.600		361.560
		1	78.600		4.600		361.560
	Toilet	1	41.400		4.600		190.440
	ELE Room	1	25.600		4.600		117.760
	lift	1	8.800		4.600		40.480
	stair	1	33.800		1.000		33.800
	workshop	1	74.240		4.600		341.504
		1	37.800		4.600		173.880
	Toilet	1	47.200		4.600		217.120
		1	14.400		4.600		66.240
	Toilet	1	28.900		4.600		132.940
		1	61.600		4.600		283.360
		1	61.600		4.600		283.360
		1	7.600		4.600		34.960
		1	16.400		4.600		75.440
		1	42.200		4.600		194.120
		1	15.600		4.600		71.760
	Stair	1	38.800		1.000		38.800
		1	18.000		4.600		82.800
		1	13.300		4.600		61.180
		1	33.400		4.600		153.640
		1	38.200		4.600		175.720
		1	41.400		4.600		190.440
	Gents toilet	1	45.800		4.600		210.680
	Store room	1	47.200		4.600		217.120
	GI Cabin	1	9.400		4.600		43.240
	Stair	1	39.900		1.000		39.900
	Corridor	1	181.000		4.600		832.600

		1	72.400		4.600		333.040	
	Seminar Hall	1	86.800		4.600		399.280	
	D1	16	1.000	2.100			-33.600	
	D2	11	1.200	2.400			-31.680	
	D3	32	0.800	2.100			-53.760	
	W2	1	1.000	1.500			-1.500	
	W4	16	2.000	1.500			-48.000	
	V	19	0.600	0.500			-5.700	
	FF							
	Workshop	1	68.000	3.600			244.800	
		1	51.100	3.600			183.960	
	Stair	3	38.900				116.700	
	Class room	10	36.000	3.600			1296.000	
	lift	2	4.100	3.600			29.520	
	G toilet	1	42.700	3.600			153.721	
	L tiolet	1	68.400	3.600			246.241	
		1	68.400	3.600			246.241	
	Library	1	56.500	3.600			203.400	
	Passage	1	168.500	3.600			606.600	
	D1	5	1.000	2.100			-10.500	
	D2	13	1.000	2.100			-27.300	
	D3	19	0.800	2.100			-31.920	
	W4	34	2.000	1.500			-102.000	
	V	14	0.500	6.000			-42.000	
	TF							
	Lift	2	8.200		3.000		49.200	
	FF							
	Workshop	1	68.000	3.600			244.800	
		1	51.100	3.600			183.960	
	Stair	3	38.900				116.700	
	Class room	10	36.000	3.600			1296.000	
	lift	2	4.100	3.600			29.520	
	G toilet	1	42.700	3.600			153.721	

	L toilet	1	68.400	3.600			246.241		
		1	68.400	3.600			246.241		
	Library	1	56.500	3.600			203.400		
	Passage	1	168.500	3.600			606.600		
	D1	5	1.000	2.100			-10.500		
	D2	13	1.000	2.100			-27.300		
	D3	19	0.800	2.100			-31.920		
	W4	34	2.000	1.500			-102.000		
	V	14	0.500	6.000			-42.000		
	LGF								
		1	93.000	3.000			279.000		
	GF	1	1692.000				1692.000		
	FF	1	1394.000				1394.000		
	SF	1	1394.000				1394.000		
	LGF	1	412.000				412.000		
	DEDUCTION FOR CERAMIC WALL TILE								
	TOTAL FOR CERAMIC WALL TILE	1	721.145				-721.145		
	Total Quantity						17633.290 sqm		
	Total Deducted Quantity						-1322.825 sqm		
	Net Total Quantity						16310.465 sqm		
	Say 16310.465 sqm @ Rs 54.95 / sqm						<b>Rs 896260.05</b>		
31	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							
	GF								
	Workshop	1	78.600		4.600		361.560		
		1	78.600		4.600		361.560		
	Toilet	1	41.400		4.600		190.440		
	ELE Room	1	25.600		4.600		117.760		
	lift	1	8.800		4.600		40.480		
	stair	1	33.800		1.000		33.800		
	workshop	1	74.240		4.600		341.504		





	Class room	10	36.000	3.600			1296.000	
	lift	2	4.100	3.600			29.520	
	G toilet	1	42.700	3.600			153.721	
	L tiolet	1	68.400	3.600			246.241	
		1	68.400	3.600			246.241	
	Library	1	56.500	3.600			203.400	
	Passage	1	168.500	3.600			606.600	
	D1	5	1.000	2.100			-10.500	
	D2	13	1.000	2.100			-27.300	
	D3	19	0.800	2.100			-31.920	
	W4	34	2.000	1.500			-102.000	
	V	14	0.500	6.000			-42.000	
	TF							
	Lift	2	8.200		3.000		49.200	
	FF							
	Workshop	1	68.000	3.600			244.800	
		1	51.100	3.600			183.960	
	Stair	3	38.900				116.700	
	Class room	10	36.000	3.600			1296.000	
	lift	2	4.100	3.600			29.520	
	G toilet	1	42.700	3.600			153.721	
	L tiolet	1	68.400	3.600			246.241	
		1	68.400	3.600			246.241	
	Library	1	56.500	3.600			203.400	
	Passage	1	168.500	3.600			606.600	
	D1	5	1.000	2.100			-10.500	
	D2	13	1.000	2.100			-27.300	
	D3	19	0.800	2.100			-31.920	
	W4	34	2.000	1.500			-102.000	
	V	14	0.500	6.000			-42.000	
	LGF							
		1	93.000	3.000			279.000	
	GF	1	1692.000				1692.000	

	FF	1	1394.000				1394.000	
	SF	1	1394.000				1394.000	
	LGF	1	412.000				412.000	
DEDUCTION FOR CERAMIC WALL TILE								
	TOTAL FOR CERAMIC WALL TILE	1	721.145				-721.145	
Total Quantity							17633.290 sqm	
Total Deducted Quantity							-1322.825 sqm	
Net Total Quantity							16310.465 sqm	
Say 16310.465 sqm @ Rs 109.90 / sqm							<b>Rs 1792520.10</b>	
32	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)						
GF								
	External wall	3	46.000	5.400			745.200	
		1	37.300	5.400			201.420	
	Car porch column	5	1.800	4.800			43.200	
		2	8.200	2.100			34.440	
		1	9.600	2.100			20.160	
	Vertical fin	36	0.600	5.200			112.321	
	RS	3	4.100	4.000			-49.199	
FF								
	External wall	4	46.000	3.750			690.000	
	Central demo wall	4	7.000	3.750			105.000	
TF								
	Parapet	4	46.000	2.000			368.000	
	lift	1	9.800	3.600			35.280	
FF								
	External wall	4	46.000	3.750			690.000	
	Central demo wall	4	7.000	3.750			105.000	
DEDUCTION FOR CERAMIC TILE FIN WALL CLADDING								
		1	278.640				-278.640	
Total Quantity							3150.021 sqm	
Total Deducted Quantity							-327.839 sqm	

	Net Total Quantity						2822.182 sqm	
	Say 2822.182 sqm @ Rs 142.84 / sqm						<b>Rs 403120.48</b>	
33	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							
	W4	20+34+34 +3	2.000	1.500			273.000	
	W3	3	1.500	1.500			6.750	
	V	14+12+11	1.000	0.500			18.500	
	For workshops							
	RS	2	4.000		2.400	2.5	48.000	
	RS1	2+1+1	2.400		2.400	2.5	57.600	
	Total Quantity						403.850 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						403.850 sqm	
	Say 403.850 sqm @ Rs 43.27 / sqm						<b>Rs 17474.59</b>	
34	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	20+34+34 +3	2.000	1.500			273.000	
	W3	3	1.500	1.500			6.750	
	V	14+12+11	1.000	0.500			18.500	
	For workshops							
	RS	2	4.000		2.400	2.5	48.000	
	RS1	2+1+1	2.400		2.400	2.5	57.600	
	Total Quantity						403.850 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						403.850 sqm	
	Say 403.850 sqm @ Rs 111.61 / sqm						<b>Rs 45073.70</b>	
35	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	20+34+34 +3	2.000	1.500		16.0	4368.000		
	W3	3	1.500	1.500		16.0	108.000		
	V	14+12+11	1.000	0.500		16.0	296.000		
	Total Quantity						4772.000 kg		
	Total Deducted Quantity						0.000 kg		
	Net Total Quantity						4772.000 kg		
	Say 4772.000 kg @ Rs 167.22 / kg						<b>Rs 797973.84</b>		
36	<p>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 &amp; 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 &amp; 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 &amp; 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 &amp; 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 &amp; 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).</p>								
	W4	20+34+34 +3	2.000	1.500			273.000		
	W3	3	1.500	1.500			6.750		
	Total Quantity						279.750 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						279.750 sqm		
	Say 279.750 sqm @ Rs 12451.79 / sqm						<b>Rs 3483388.25</b>		
37	<p>9.147B.1            543SUB HEAD : 9 - WOOD &amp; PVC WORK 9.147B 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 &amp; 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</p>								

	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.)							
V	14+12+11	1.000	0.500				18.500	
	Total Quantity						18.500 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						18.500 sqm	
	Say 18.500 sqm @ Rs 8029.89 / sqm						<b>Rs 148552.97</b>	
38	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							
W4	20+34+34 +3	2.000	1.500				273.000	
W3	3	1.500	1.500				6.750	
V	14+12+11	1.000	0.500				18.500	
	Total Quantity						298.250 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						298.250 sqm	
	Say 298.250 sqm @ Rs 1492.97 / sqm						<b>Rs 445278.30</b>	
39	od180305/2019_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 1 to 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							
GF	14	1.200	2.400				40.320	
FF	12	1.200	2.400				34.560	
SF	12	1.200	2.400				34.560	
LGF	1	1.200	2.400				2.880	



		Net Total Quantity					50.401 sqm	
		Say 50.401 sqm @ Rs 9307.72 / sqm					<b>Rs 469118.40</b>	
42	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.)						
		1	1230.000				1230.000	
		Total Quantity					1230.000 kg	
		Total Deducted Quantity					0.000 kg	
		Net Total Quantity					1230.000 kg	
		Say 1230.000 kg @ Rs 702.51 / kg					<b>Rs 864087.30</b>	
43	10.6.2	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.80x1.20 mm M.S. laths with 1.20 mm thick top cover						
		For workshops						
	RS	2	4.000		2.400		19.200	
	RS1	2+1+1	2.400		2.400		23.040	
		Total Quantity					42.240 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					42.240 sqm	
		Say 42.240 sqm @ Rs 2738.35 / sqm					<b>Rs 115667.90</b>	
44	10.7	Providing and fixing ball bearing for rolling shutters.						
		12					12.000	
		Total Quantity					12.000 no	
		Total Deducted Quantity					0.000 no	
		Net Total Quantity					12.000 no	
		Say 12.000 no @ Rs 564.06 / no					<b>Rs 6768.72</b>	

45	od153196/2019_2020 Supply 100mmx100mmx14g 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).							
	Galvanized square hollow section							
	Galvanized square hollow section	1	540.000	1.000	1.000		540.000	
	Total Quantity						540.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						540.000 metre	
	Say 540.000 metre @ Rs 647.17 / metre						<b>Rs 349471.80</b>	
46	od168971/2019_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 A2, 35 mm long and 8 mm dia pins and anchor bolts etc.							
	Corten steel							
	Front side ground floor	5	2.000	1.800			18.000	
	_ ditto- first floor	10	2.000	1.200			24.000	
	Car porch	1	2*2.25+2*4.62	0.600			8.244	
	Rear side ground floor	5	2.000	1.800			18.000	
	=ditto- first floor	7	2.000	1.200			16.800	
	Right side ground floor	6	2.000	1.800			21.600	
	-Ditto- first floor	7	2.000	1.200			16.800	
	Left side ground floor	6	2.000	1.800			21.600	
	-ditto- first floor	10	2.000	1.200			24.000	
	Total Quantity						169.044 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						169.044 sqm	
	Say 169.044 sqm @ Rs 2630.44 / sqm						<b>Rs 444660.10</b>	
47	12.45.3 Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/ sqm (both side							



<p>inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts &amp; bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5x25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with:12.5 mm thick tapered edge gypsum moisture resistant board</p>							
Principal room	1	5.000	7.600			38.000	
Seminar hall	1	17.600	14.400			253.441	
Total Quantity						291.441 sqm	
Total Deducted Quantity						0.000 sqm	
Net Total Quantity						291.441 sqm	
Say 291.441 sqm @ Rs 1425.61 / sqm						<b>Rs 415481.20</b>	
48	12.59.1	<p>Providing and fixing false ceiling at all height including providing &amp; 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 &amp; bolts of required size and other end of angle hanger fixed with intermediate G.I channels 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 &amp; 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,</p>					

	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.						
	In toilets	3	41.730				125.190
	Total Quantity						125.190 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						125.190 sqm
	Say 125.190 sqm @ Rs 1363.30 / sqm						<b>Rs 170671.53</b>
49	od153206/2019_2020 Supply and fixing White Board: 4'x6' magnetic White						
		24					24.000
	Total Quantity						24.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						24.000 each
	Say 24.000 each @ Rs 4997.08 / each						<b>Rs 119929.92</b>
50	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						
		45					45.000
		6					6.000
	Total Quantity						51.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						51.000 each
	Say 51.000 each @ Rs 5083.95 / each						<b>Rs 259281.45</b>
51	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						
		10					10.000
		4					4.000
	Total Quantity						14.000 each
	Total Deducted Quantity						0.000 each

		Net Total Quantity					14.000 each	
		Say 14.000 each @ Rs 5196.15 / each					<b>Rs 72746.10</b>	
52	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						
		38					38.000	
		5					5.000	
		Total Quantity					43.000 each	
		Total Deducted Quantity					0.000 each	
		Net Total Quantity					43.000 each	
		Say 43.000 each @ Rs 3418.17 / each					<b>Rs 146981.31</b>	
53	17.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.						
		38					38.000	
		5					5.000	
		Total Quantity					43.000 each	
		Total Deducted Quantity					0.000 each	
		Net Total Quantity					43.000 each	
		Say 43.000 each @ Rs 1450.29 / each					<b>Rs 62362.47</b>	
54	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						
		38					38.000	
		5					5.000	
		Total Quantity					43.000 each	
		Total Deducted Quantity					0.000 each	
		Net Total Quantity					43.000 each	
		Say 43.000 each @ Rs 437.13 / each					<b>Rs 18796.59</b>	
55	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						
		45					45.000	

		6					6.000	
	Total Quantity						51.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						51.000 each	
	Say 51.000 each @ Rs 825.79 / each						<b>Rs 42115.29</b>	
56	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.							
		45					45.000	
		6					6.000	
	Total Quantity						51.000 no	
	Total Deducted Quantity						0.000 no	
	Net Total Quantity						51.000 no	
	Say 51.000 no @ Rs 1280.63 / no						<b>Rs 65312.13</b>	
57	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							
		26					26.000	
	Total Quantity						26.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						26.000 each	
	Say 26.000 each @ Rs 205.00 / each						<b>Rs 5330.00</b>	
58	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.							
		45					45.000	
		6					6.000	
	Total Quantity						51.000 no	
	Total Deducted Quantity						0.000 no	
	Net Total Quantity						51.000 no	
	Say 51.000 no @ Rs 127.96 / no						<b>Rs 6525.96</b>	
59	od180936/2019_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 )							

		64					64.000	
	Total Quantity						64.000	each
	Total Deducted Quantity						0.000	each
	Net Total Quantity						64.000	each
	Say 64.000 each @ Rs 826.04 / each						<b>Rs 52866.56</b>	
60	od180937/2019_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 )							
		24					24.000	
	Total Quantity						24.000	each
	Total Deducted Quantity						0.000	each
	Net Total Quantity						24.000	each
	Say 24.000 each @ Rs 1143.00 / each						<b>Rs 27432.00</b>	
61	od180938/2019_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 )							
		5					5.000	
	Total Quantity						5.000	each
	Total Deducted Quantity						0.000	each
	Net Total Quantity						5.000	each
	Say 5.000 each @ Rs 1116.42 / each						<b>Rs 5582.10</b>	
62	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							
		108					108.000	
	Total Quantity						108.000	each
	Total Deducted Quantity						0.000	each
	Net Total Quantity						108.000	each
	Say 108.000 each @ Rs 707.41 / each						<b>Rs 76400.28</b>	
63	50.18.7.2.2 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 20 mm dia 10 Kg/cm2- Internal work - Exposed on wall							

		1	190.000				190.000	
	Total Quantity						190.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						190.000 metre	
	Say 190.000 metre @ Rs 186.44 / metre						<b>Rs 35423.60</b>	
64	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	90.000				90.000	
	Total Quantity						90.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						90.000 metre	
	Say 90.000 metre @ Rs 210.49 / metre						<b>Rs 18944.10</b>	
65	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	20.000				20.000	
	Total Quantity						20.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						20.000 metre	
	Say 20.000 metre @ Rs 253.95 / metre						<b>Rs 5079.00</b>	
66	50.18.7.5.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00m 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 10 Kgf/cm2- Internal work- exposed on wall							
		1	45.000				45.000	
	Total Quantity						45.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						45.000 metre	
	Say 45.000 metre @ Rs 326.19 / metre						<b>Rs 14678.55</b>	
67	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 - Internal work- Exposed on wall							

		1	110.000				110.000	
	Total Quantity						110.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						110.000 metre	
	Say 110.000 metre @ Rs 334.19 / metre						<b>Rs 36760.90</b>	
68	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 Kgf/ cm2							
		1	360.000				360.000	
	Total Quantity						360.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						360.000 metre	
	Say 360.000 metre @ Rs 305.63 / metre						<b>Rs 110026.80</b>	
69	od153735/2019_2020 Providing and fixing PVC pipes including fixing the pipe with clamps/ clip at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 63 mm dia 10 Kgf/cm2 - External work - Exposed on wall							
		1	260.000				260.000	
	Total Quantity						260.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						260.000 metre	
	Say 260.000 metre @ Rs 312.46 / metre						<b>Rs 81239.60</b>	
70	od153681/2019_2020 Providing and fixing PVC pipes including fixing the pipe with clamps/clips at 1.00 m spacing. This included jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 75 mm dia 10Kgf/cm2 - External 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 385.41 / metre						<b>Rs 11562.30</b>	
71	18.17.1 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore							

		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 636.78 / each						<b>Rs 636.78</b>	
72	18.17.3 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :40 mm nominal bore							
		5					5.000	
	Total Quantity						5.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						5.000 each	
	Say 5.000 each @ Rs 869.51 / each						<b>Rs 4347.55</b>	
73	18.17.4 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore							
		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 1115.18 / each						<b>Rs 8921.44</b>	
74	od153797/2019_2020 Supply, fixing, testing , commissioning 100mm dia Butterfly valve (Manual) with CI body SS disk, Nitrile rubber seal and O-ring P16 pressure rating for water circulation as specified.							
		5					5.000	
	Total Quantity						5.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						5.000 each	
	Say 5.000 each @ Rs 6296.15 / each						<b>Rs 31480.75</b>	
75	od153798/2019_2020 Supply, fixing, testing , commissioning 80mm dia Butterfly valve (Manual) with CI body SS disk, Nitrile rubber seal and O-ring P16 pressure rating for water circulation as specified.							
		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 4526.12 / each					<b>Rs 9052.24</b>	
76	od153799/2019_2020 Supply, fixing, testing , commissioning 65mm dia Butterfly valve (Manual) with CI body SS disk, Nitrile rubber seal and O-ring P16 pressure rating for water circulation as specified.							
		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 4160.08 / each					<b>Rs 8320.16</b>	
77	50.18.9.2.2 Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 20 mm dia 10 Kg/cm2							
		10					10.000	
		Total Quantity					10.000	metre
		Total Deducted Quantity					0.000	metre
		Net Total Quantity					10.000	metre
		Say 10.000 metre @ Rs 140.87 / metre					<b>Rs 1408.70</b>	
78	50.18.9.3.2 Providing and fixing PVC pipes includes jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 25 mm dia 10KGF/cm2							
		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 173.99 / metre					<b>Rs 1739.90</b>	
79	50.18.9.4.1 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.32 mm dia 10.Kgf/cm2							
		15					15.000	
		Total Quantity					15.000	metre
		Total Deducted Quantity					0.000	metre
		Net Total Quantity					15.000	metre
		Say 15.000 metre @ Rs 196.69 / metre					<b>Rs 2950.35</b>	
80	50.18.9.5.1 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 40 mm dia 10Kgf/cm2						
	1	80.000				80.000	
	Total Quantity					80.000 metre	
	Total Deducted Quantity					0.000 metre	
	Net Total Quantity					80.000 metre	
	Say 80.000 metre @ Rs 230.56 / metre					<b>Rs 18444.80</b>	
81	50.18.9.6.1 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. 50 mm dia 10Kgf/cm2						
	1	50.000				50.000	
	Total Quantity					50.000 metre	
	Total Deducted Quantity					0.000 metre	
	Net Total Quantity					50.000 metre	
	Say 50.000 metre @ Rs 238.56 / metre					<b>Rs 11928.00</b>	
82	od153812/2019_2020 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. 63 mm dia 10Kgf/cm2						
	1	20.000				20.000	
	Total Quantity					20.000 metre	
	Total Deducted Quantity					0.000 metre	
	Net Total Quantity					20.000 metre	
	Say 20.000 metre @ Rs 280.82 / metre					<b>Rs 5616.40</b>	
83	od153821/2019_2020 Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching and refilling & testing of joints complete as per direction of Engineer in Charge. 75 mm dia 10Kgf/cm2						
	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 373.72 / metre					<b>Rs 3737.20</b>	
84	od153815/2019_2020 Providing and fixing UPVC Schedule 80 pipes, UPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work 100 mm nominal inner dia pipes						
	1	430.000				430.000	
	Total Quantity					430.000 metre	

		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					430.000 metre	
		Say 430.000 metre @ Rs 1836.07 / metre					<b>Rs 789510.10</b>	
85	18.17.2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :32 mm nominal bore						
		2	1.000				2.000	
		Total Quantity					2.000 each	
		Total Deducted Quantity					0.000 each	
		Net Total Quantity					2.000 each	
		Say 2.000 each @ Rs 744.67 / each					<b>Rs 1489.34</b>	
86	50.18.7.6.2	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 50 mm dia 6 Kgf/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 294.14 / metre					<b>Rs 17648.40</b>	
87	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/cm2						
		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 350.93 / metre					<b>Rs 10527.90</b>	
88	50.18.8.7.1	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes 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. 63 mm pipe 6 Kgf/cm2						
		1	105.000				105.000	

						Total Quantity	105.000 metre
						Total Deducted Quantity	0.000 metre
						Net Total Quantity	105.000 metre
						Say 105.000 metre @ Rs 503.61 / metre	<b>Rs 52879.05</b>
89	50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes 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. 75 mm pipe 6 Kgf/cm2						
		1	25.000				25.000
						Total Quantity	25.000 metre
						Total Deducted Quantity	0.000 metre
						Net Total Quantity	25.000 metre
						Say 25.000 metre @ Rs 517.01 / metre	<b>Rs 12925.25</b>
90	50.18.8.9.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chased and making good the wall etc. 110 mm pipe 6kgf/cm2						
		1	45.000				45.000
						Total Quantity	45.000 metre
						Total Deducted Quantity	0.000 metre
						Net Total Quantity	45.000 metre
						Say 45.000 metre @ Rs 617.01 / metre	<b>Rs 27765.45</b>
91	50.18.9.10.1 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. 150 mm dia 6 Kgf/cm2						
		1	20.000				20.000
						Total Quantity	20.000 metre
						Total Deducted Quantity	0.000 metre
						Net Total Quantity	20.000 metre
						Say 20.000 metre @ Rs 828.65 / metre	<b>Rs 16573.00</b>
92	50.18.9.19.1 Providing and fixing PVC pipes including fixing the pipe with clamps/ clips/ at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 110 mm dia 6 Kgf/cm2 - External work- Exposed on wall						
		1	180.000				180.000



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								
	FOUNDATION EXCAVATION								
	F1	12	2.100	2.100	1.600		84.673		
	F2	8	2.300	2.300	1.600		67.712		
	F3	5	1.700	1.700	1.600		23.120		
	F4	6	3.900	2.100	1.600		78.624		
	Total Quantity						254.129 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						254.129 cum		
	Say 254.129 cum @ Rs 187.30 / cum						<b>Rs 47598.36</b>		
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)								
	FOUNDATION								
	F1	12	2.000	2.000	0.100		4.801		
	F2	8	2.200	2.200	0.100		3.873		
	F3	5	1.600	1.600	0.100		1.281		
	F4	6	3.800	2.000	0.100		4.561		
	Total Quantity						14.516 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						14.516 cum		
	Say 14.516 cum @ Rs 6659.46 / cum						<b>Rs 96668.72</b>		
3	4.1.3 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)								
	IN FLOORS	1	214.400	0.100			21.440		
	Total Quantity						21.440 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						21.440 cum		
	Say 21.440 cum @ Rs 8152.21 / cum						<b>Rs 174783.38</b>		

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.							
		IN PLINTH							
		1	214.000	0.500			107.000		
		FOUNDATION EXCAVATION							
	F1	12	2.100	2.100	1.600		84.673		
	F2	8	2.300	2.300	1.600		67.712		
	F3	5	1.700	1.700	1.600		23.120		
	F4	6	3.900	2.100	1.600		78.624		
		DEDUCE FOUNDATION PCC							
	F1	12	2.000	2.000	0.100		-4.800		
	F2	8	2.200	2.200	0.100		-3.872		
	F3	5	1.600	1.600	0.100		-1.280		
	F4	6	3.800	2.000	0.100		-4.560		
		DEDUCE COLUMN UP TO GRADE BEAM							
	c1	33	0.300	0.400	0.700		-2.772		
	c2	4*3.14	0.300	0.300	0.700	0.25	-0.197		
		FOUNDATION							
	F1	12	1.800	1.800	0.500		-19.440		
		12*0.33	3.240+.6+(3.24*.3)** .5		0.250		-4.778		
	F2	8	2.000	2.000	0.600		-19.200		
		8*0.33	4+.6+(3.24*.3)** .5		0.150		-2.213		
	F3	5	1.400	1.400	0.400		-3.920		
		5*.33	1.96+.3+(1.96*.3)** .5		0.350		-1.748		
	F4	6	3.600	1.800	0.550		-21.385		
		6*0.33	6.48+3.6* 0.8+4.32		0.200		-5.418		
		Total Quantity						361.129 cum	

		Total Deducted Quantity					-95.583 cum	
		Net Total Quantity					265.546 cum	
		Say 265.546 cum @ Rs 187.00 / cum					<b>Rs 49657.10</b>	
5	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						
		FOUNDATION						
	F1	12	1.800	1.800	0.500		19.440	
	F2	8	2.000	2.000	0.600		19.200	
	F3	5	1.400	1.400	0.400		3.920	
	F4	6	3.600	1.800	0.550		21.385	
		COLUMN UP TO GRADE BEAM						
	c1	33	0.300	0.400	0.700		2.772	
	c2	4*3.14	0.300	0.300	0.700	0.25	0.198	
		Other Engineering GRADE BEAM nisations						
	B1	17	4.800	0.600	0.300		14.688	
		14	4.600	0.600	0.300		11.592	
		2	11.920	0.600	0.300		4.292	
		2	12.600	0.600	0.300		4.536	
		4	3.030	0.600	0.300		2.182	
		4	2.020	0.600	0.300		1.455	
		1	2.170	0.600	0.300		0.391	
		1	4.490	0.600	0.300		0.809	
		1	2.000	0.600	0.300		0.360	
	B2	6	1.200	0.600	0.300		1.296	
		2	0.700	0.600	0.300		0.252	
		1	1.900	0.600	0.300		0.342	
		Total Quantity					109.110 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					109.110 cum	



	Say 109.110 cum @ Rs 9586.59 / cum						<b>Rs 1045992.83</b>
6	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete						
	FOUNDATION						
	F1	12*4	1.800		0.400		34.560
	F2	8*4	2.000		0.600		38.400
	F3	5*4	1.400		0.500		14.000
	F4	6*2	3.6+1.8		0.550		35.641
	Total Quantity						122.601 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						122.601 sqm
	Say 122.601 sqm @ Rs 288.42 / sqm						<b>Rs 35360.58</b>
7	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers						
	GRADE BEAM						
	B1	17	4.800		1.500		122.400
		14	4.600		1.500		96.600
		2	11.920		1.500		35.760
		2	12.600		1.500		37.800
		4	3.030		1.500		18.180
		4	2.020		1.500		12.121
		1	2.170		1.500		3.255
		1	4.490		1.500		6.735
		1	2.000		1.500		3.000
	B2	6	1.200		1.500		10.800
		2	0.700		1.500		2.100
		1	1.900		1.500		2.850
	GF BEAM						
		17	4.800		1.260		102.816
		14	4.600		1.260		81.144
		8	2.030		1.260		20.463
		1	23.810		1.260		30.001

		1	2.170		1.260		2.735		
		1	4.490		1.260		5.658		
		1	4.870		1.260		6.137		
		6	1.200		1.260		9.072		
		2	0.700		1.260		1.764		
		1	1.900		1.260		2.394		
	FF BEAM								
		17	4.800		1.260		102.816		
		14	4.600		1.260		81.144		
		8	2.030		1.260		20.463		
		1	23.810		1.260		30.001		
		1	2.170		1.260		2.735		
		1	4.490		1.260		5.658		
		1	4.870		1.260		6.137		
		6	1.200		1.260		9.072		
		2	0.700		1.260		1.764		
		1	1.900		1.260		2.394		
	Other Engineering Organisations SF BEAM								
		17	4.800		1.260		102.816		
		14	4.600		1.260		81.144		
		8	2.030		1.260		20.463		
		1	23.810		1.260		30.001		
		1	2.170		1.260		2.735		
		1	4.490		1.260		5.658		
		1	4.870		1.260		6.137		
		6	1.200		1.260		9.072		
		2	0.700		1.260		1.764		
		1	1.900		1.260		2.394		
	TF BEAM								
		17	4.800		1.260		102.816		
		14	4.600		1.260		81.144		
		8	2.030		1.260		20.463		
		1	23.810		1.260		30.001		

		1	2.170		1.260		2.735	
		1	4.490		1.260		5.658	
		1	4.870		1.260		6.137	
		6	1.200		1.260		9.072	
		2	0.700		1.260		1.764	
		1	1.900		1.260		2.394	
	LINTEL							
		4*2*2	150.200		0.150		360.480	
	STAIR ROOM ROOF BEAM							
		8	2.330		1.300		24.233	
		4	2.000		1.300		10.400	
	Total Quantity						1795.450 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						1795.450 sqm	
	Say 1795.450 sqm @ Rs 509.93 / sqm						<b>Rs 915553.82</b>	
8	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							
	GF COLUMNS							
	C1	33	0.300	0.400	3.020		11.960	
	C2	4*3.14	0.300	0.300	3.020	0.25	0.854	
	GF BEAM							
		17	4.800	0.300	0.480		11.751	
		14	4.600	0.300	0.480		9.274	
		8	2.030	0.300	0.480		2.339	
		1	23.810	0.300	0.480		3.429	
		1	2.170	0.300	0.480		0.313	
		1	4.490	0.300	0.480		0.647	
		1	4.870	0.300	0.480		0.702	

		6	1.200	0.300	0.480		1.037	
		2	0.700	0.300	0.480		0.202	
		1	1.900	0.300	0.480		0.274	
GF SLAB								
	S1	4	5.400	5.800	0.120		15.034	
	S2	1	4.730	1.800	0.120		1.022	
	S2	1	10.890		0.120		1.307	
	S3	1	5.200	1.800	0.120		1.124	
	S3	1	5.180	1.750	0.120		1.088	
	S3	1	1.450	1.800	0.120		0.314	
	S3	1	44.350		0.120		5.322	
	S4	1	42.120		0.120		5.055	
GF STAIRCASE								
	WAIST SLAB	4	3.070	0.100			1.228	
	LANDING	1	2.000	2.000	0.100		0.400	
	STEPS	36	0.0225	2.000			1.620	
	BEAM	4	2.000	0.200	0.340		0.544	
Other Engineering FF COLUMNS								
	C1	33	0.300	0.400	3.020		11.960	
	C2	4*3.14	0.300	0.300	3.020	0.25	0.854	
FF BEAM								
		17	4.800	0.300	0.480		11.751	
		14	4.600	0.300	0.480		9.274	
		8	2.030	0.300	0.480		2.339	
		1	23.810	0.300	0.480		3.429	
		1	2.170	0.300	0.480		0.313	
		1	4.490	0.300	0.480		0.647	
		1	4.870	0.300	0.480		0.702	
		6	1.200	0.300	0.480		1.037	
		2	0.700	0.300	0.480		0.202	
		1	1.900	0.300	0.480		0.274	
FF SLAB								
	S1	4	5.400	5.800	0.120		15.034	

	S2	1	4.730	1.800	0.120		1.022	
	S2	1	10.890		0.120		1.307	
	S3	1	5.200	1.800	0.120		1.124	
	S3	1	5.180	1.750	0.120		1.088	
	S3	1	1.450	1.800	0.120		0.314	
	S3	1	34.980		0.120		4.198	
	S4	1	42.720		0.120		5.127	
FF STAIRCASE								
	WAIST SLAB	4	3.070	0.100			1.228	
	LANDING	1	2.000	2.000	0.100		0.400	
	STEPS	36	0.0225	2.000			1.620	
	BEAM	4	2.000	0.200	0.340		0.544	
SF COLUMNS								
	C1	33	0.300	0.400	3.020		11.960	
	C2	4*3.14	0.300	0.300	3.020	0.25	0.854	
SF BEAM								
		17	4.800	0.300	0.480		11.751	
		14	4.600	0.300	0.480		9.274	
		8	2.030	0.300	0.480		2.339	
		1	23.810	0.300	0.480		3.429	
		1	2.170	0.300	0.480		0.313	
		1	4.490	0.300	0.480		0.647	
		1	4.870	0.300	0.480		0.702	
		6	1.200	0.300	0.480		1.037	
		2	0.700	0.300	0.480		0.202	
		1	1.900	0.300	0.480		0.274	
SF SLAB								
	S1	4	5.400	5.800	0.120		15.034	
	S2	1	4.730	1.800	0.120		1.022	
	S2	1	10.890		0.120		1.307	
	S3	1	5.200	1.800	0.120		1.124	
	S3	1	5.180	1.750	0.120		1.088	
	S3	1	1.450	1.800	0.120		0.314	

	S3	1	34.980		0.120		4.198	
	S4	1	42.720		0.120		5.127	
	SF STAIRCASE							
	WAIST SLAB	4	3.070	0.100			1.228	
	LANDING	1	2.000	2.000	0.100		0.400	
	STEPS	36	0.0225	2.000			1.620	
	BEAM	4	2.000	0.200	0.340		0.544	
	TF COLUMNS							
	C1	33	0.300	0.400	3.020		11.960	
	C2	4*3.14	0.300	0.300	3.020	0.25	0.854	
	TF BEAM							
		17	4.800	0.300	0.480		11.751	
		14	4.600	0.300	0.480		9.274	
		8	2.030	0.300	0.480		2.339	
		1	23.810	0.300	0.480		3.429	
		1	2.170	0.300	0.480		0.313	
		1	4.490	0.300	0.480		0.647	
		1	4.870	0.300	0.480		0.702	
		6	1.200	0.300	0.480		1.037	
		2	0.700	0.300	0.480		0.202	
		1	1.900	0.300	0.480		0.274	
	TF SLAB							
	S1	4	5.400	5.800	0.120		15.034	
	S2	1	4.730	1.800	0.120		1.022	
	S2	1	10.890		0.120		1.307	
	S3	1	5.200	1.800	0.120		1.124	
	S3	1	5.180	1.750	0.120		1.088	
	S3	1	1.450	1.800	0.120		0.314	
	S3	1	34.980		0.120		4.198	
	S4	1	42.720		0.120		5.127	
	TF STAIRCASE							
	WAIST SLAB	4	3.070	0.100			1.228	
	LANDING	1	2.000	2.000	0.100		0.400	

	STEPS	36	0.0225	2.000			1.620		
	BEAM	4	2.000	0.200	0.340		0.544		
	LINTEL								
		4*2	150.200	0.150	0.200		36.048		
	SUN SHADE								
	SUNSHADE	11	1.900	0.600	0.100		1.254		
		18	1.400	0.600	0.100		1.512		
		12	5.000	0.600	0.100		3.601		
	FIRE WATER TANK WALL								
		2	5.400	0.200	1.000		2.160		
		3	4.770	0.200	1.000		2.862		
	FIRE WATER TANK COVER SLAB								
		1	5.400	5.170	0.150		4.188		
	TERRACE FLOOR COLUMNS								
	C2	8	0.300	0.400	2.880	0.25	0.692		
	C4	4*3.14	0.350	0.350	2.880	0.25	1.108		
	TERRACE FLOOR SLAB								
	STAIR ROOM ROOF SLAB	0.25	3.14*8.2	8.200	0.100		5.279		
	STAIR ROOM ROOF BEAM								
		8	2.330	0.300	0.500		2.796		
		4	2.000	0.300	0.500		1.200		
	Total Quantity						366.904	cum	
	Total Deducted Quantity						0.000	cum	
	Net Total Quantity						366.904	cum	
	Say 366.904 cum @ Rs 10781.55 / cum						<b>Rs 3955793.82</b>		
9	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.								
	FIRE WATER TANK WALL								
	Outer	1	21.140		1.000		21.140		
	Inner	2	4.800		1.000		9.600		
		4	4.770		1.000		19.080		
	Total Quantity						49.820	sqm	

		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					49.820 sqm	
		Say 49.820 sqm @ Rs 563.02 / sqm					<b>Rs 28049.66</b>	
10	5.9.6 Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts							
COLUMN UP TO GRADE BEAM								
	C1	33	1.400		0.750		34.650	
	C2	4	3.14*.3		0.750		2.826	
GF								
	C1	9	0.700		2.480		15.624	
	C2	4	0.700		2.480		6.944	
	C3	10	0.900		2.480		22.320	
	C4	14	1.000		2.480		34.720	
FF								
	C1	9	0.700		2.480		15.624	
	C2	4	0.700		2.480		6.944	
	C3	10	0.900		2.480		22.320	
	C4	14	1.000		2.480		34.720	
SF								
	C1	9	0.700		2.480		15.624	
	C2	4	0.700		2.480		6.944	
	C3	10	0.900		2.480		22.320	
	C4	14	1.000		2.480		34.720	
TF								
	C1	9	0.700		2.480		15.624	
	C2	4	0.700		2.480		6.944	
	C3	10	0.900		2.480		22.320	
	C4	14	1.000		2.480		34.720	
STAIR ROOM								
	C2	4	0.700		2.880		8.064	
	C3	4	0.700		2.880		8.064	
	C4	4	0.700		2.880		8.064	



		Total Quantity					380.100 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					380.100 sqm	
		Say 380.100 sqm @ Rs 695.74 / sqm					<b>Rs 264450.77</b>	
11	5.9.7 Centering and shuttering including strutting, etc. and removal of form for:Stairs, (excluding landings ) except spiral - staircases)							
	GF STAIRCASE							
	WAIST SLAB	4	3.070		2.000		24.560	
		4*2	3.070		0.300		7.368	
	LANDING	1	2.000	2.000			4.000	
	STEPS	36	2.000		0.150		10.800	
	BEAM	4	2.000		.34+.2+.5		8.320	
	FF STAIRCASE							
	WAIST SLAB	4	3.070	2.000			24.560	
		4*2	3.070		0.300		7.368	
	LANDING	1	2.000	2.000			4.000	
	STEPS	36	2.000		0.150		10.800	
	BEAM	4	2.000		0.340+.2+.5		8.320	
	SF STAIRCASE							
	WAIST SLAB	4	3.070	2.000			24.560	
		4*2	3.070		0.300		7.368	
	LANDING	1	2.000	2.000			4.000	
	STEPS	36	2.000		0.150		10.800	
	BEAM	4	2.000		0.340+.2+.5		8.320	
	TF STAIRCASE							
	WAIST SLAB	4	3.070	2.000			24.560	
		4*2	3.070		0.300		7.368	
	LANDING	1	2.000	2.000			4.000	
	STEPS	36	2.000		0.150		10.800	
	BEAM	4	2.000		0.340+.2+.5		8.320	

							Total Quantity	220.192 sqm
							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	220.192 sqm
							Say 220.192 sqm @ Rs 623.62 / sqm	<b>Rs 137316.14</b>
12	5.9.3	Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform						
	GF	1	317.000					317.000
	FF	1	317.000					317.000
	SF	1	317.000					317.000
	TF	1	317.000					317.000
	RF	1	36.860					36.860
		1	3.140	8.200	0.100			2.575
	water tank cover slab	1	21.140		0.100			2.115
	„	2	2.400	4.770				22.896
							Total Quantity	1332.446 sqm
							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	1332.446 sqm
							Say 1332.446 sqm @ Rs 628.00 / sqm	<b>Rs 836776.09</b>
13	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).						
		FOUNDATION						
	F1	11	1.800	1.800	0.400			14.257
	F2	2	1.800	1.800	0.500			3.240
	F3	12	1.600	1.600	0.400			12.289
	F4	6	4.000	2.500	0.550			33.000
		COLUMN UP TO GRADE BEAM						
	c1	33	0.300	0.400	0.700			2.772
	c2	4*3.14	0.300	0.300	0.700	0.25		0.198
		GRADE BEAM						
	B1	17	4.800	0.600	0.300			14.688
		14	4.600	0.600	0.300			11.592

		2	11.920	0.600	0.300		4.292	
		2	12.600	0.600	0.300		4.536	
		4	3.030	0.600	0.300		2.182	
		4	2.020	0.600	0.300		1.455	
		1	2.170	0.600	0.300		0.391	
		1	4.490	0.600	0.300		0.809	
		1	2.000	0.600	0.300		0.360	
	B2	6	1.200	0.600	0.300		1.296	
		2	0.700	0.600	0.300		0.252	
		1	1.900	0.600	0.300		0.342	
GF COLUMNS								
	C1	33	0.300	0.400	3.020		11.960	
	C2	4*3.14	0.300	0.300	3.020	0.25	0.854	
GF BEAM								
		17	4.800	0.300	0.480		11.751	
		14	4.600	0.300	0.480		9.274	
		8	2.030	0.300	0.480		2.339	
		1	23.810	0.300	0.480		3.429	
		1	2.170	0.300	0.480		0.313	
		1	4.490	0.300	0.480		0.647	
		1	4.870	0.300	0.480		0.702	
		6	1.200	0.300	0.480		1.037	
		2	0.700	0.300	0.480		0.202	
		1	1.900	0.300	0.480		0.274	
GF SLAB								
	S1	4	5.400	5.800	0.120		15.034	
	S2	1	4.730	1.800	0.120		1.022	
	S2	1	10.890		0.120		1.307	
	S3	1	5.200	1.800	0.120		1.124	
	S3	1	5.180	1.750	0.120		1.088	
	S3	1	1.450	1.800	0.120		0.314	
	S3	1	44.350		0.120		5.322	
	S4	1	42.120		0.120		5.055	

GF STAIRCASE								
WAIST SLAB	4	3.070	0.100				1.228	
LANDING	1	2.000	2.000	0.100			0.400	
STEPS	36	0.0225	2.000				1.620	
BEAM	4	2.000	0.200	0.340			0.544	
FF COLUMNS								
C1	33	0.300	0.400	3.020			11.960	
C2	4*3.14	0.300	0.300	3.020	0.25		0.854	
FF BEAM								
	17	4.800	0.300	0.480			11.751	
	14	4.600	0.300	0.480			9.274	
	8	2.030	0.300	0.480			2.339	
	1	23.810	0.300	0.480			3.429	
	1	2.170	0.300	0.480			0.313	
	1	4.490	0.300	0.480			0.647	
	1	4.870	0.300	0.480			0.702	
	6	1.200	0.300	0.480			1.037	
	2	0.700	0.300	0.480			0.202	
	1	1.900	0.300	0.480			0.274	
FF SLAB								
S1	4	5.400	5.800	0.120			15.034	
S2	1	4.730	1.800	0.120			1.022	
S2	1	10.890		0.120			1.307	
S3	1	5.200	1.800	0.120			1.124	
S3	1	5.180	1.750	0.120			1.088	
S3	1	1.450	1.800	0.120			0.314	
S3	1	34.980		0.120			4.198	
S4	1	42.720		0.120			5.127	
FF STAIRCASE								
WAIST SLAB	4	3.070	0.100				1.228	
LANDING	1	2.000	2.000	0.100			0.400	
STEPS	36	0.0225	2.000				1.620	
BEAM	4	2.000	0.200	0.340			0.544	

SF COLUMNS								
C1	33	0.300	0.400	3.020		11.960		
C2	4*3.14	0.300	0.300	3.020	0.25	0.854		
SF BEAM								
	17	4.800	0.300	0.480		11.751		
	14	4.600	0.300	0.480		9.274		
	8	2.030	0.300	0.480		2.339		
	1	23.810	0.300	0.480		3.429		
	1	2.170	0.300	0.480		0.313		
	1	4.490	0.300	0.480		0.647		
	1	4.870	0.300	0.480		0.702		
	6	1.200	0.300	0.480		1.037		
	2	0.700	0.300	0.480		0.202		
	1	1.900	0.300	0.480		0.274		
SF SLAB								
S1	4	5.400	5.800	0.120		15.034		
S2	1	4.730	1.800	0.120		1.022		
S2	1	10.890	0.120			1.307		
S3	1	5.200	1.800	0.120		1.124		
S3	1	5.180	1.750	0.120		1.088		
S3	1	1.450	1.800	0.120		0.314		
S3	1	34.980		0.120		4.198		
S4	1	42.720		0.120		5.127		
SF STAIRCASE								
WAIST SLAB	4	3.070	0.100			1.228		
LANDING	1	2.000	2.000	0.100		0.400		
STEPS	36	0.0225	2.000			1.620		
BEAM	4	2.000	0.200	0.340		0.544		
TF COLUMNS								
C1	33	0.300	0.400	3.020		11.960		
C2	4*3.14	0.300	0.300	3.020	0.25	0.854		
TF BEAM								
	17	4.800	0.300	0.480		11.751		

		14	4.600	0.300	0.480		9.274	
		8	2.030	0.300	0.480		2.339	
		1	23.810	0.300	0.480		3.429	
		1	2.170	0.300	0.480		0.313	
		1	4.490	0.300	0.480		0.647	
		1	4.870	0.300	0.480		0.702	
		6	1.200	0.300	0.480		1.037	
		2	0.700	0.300	0.480		0.202	
		1	1.900	0.300	0.480		0.274	
	TF SLAB							
	S1	4	5.400	5.800	0.120		15.034	
	S2	1	4.730	1.800	0.120		1.022	
	S2	1	10.890		0.120		1.307	
	S3	1	5.200	1.800	0.120		1.124	
	S3	1	5.180	1.750	0.120		1.088	
	S3	1	1.450	1.800	0.120		0.314	
	S3	1	34.980		0.120		4.198	
	S4	1	42.720		0.120		5.127	
	TF STAIRCASE							
	WAIST SLAB	4	3.070	0.100			1.228	
	LANDING	1	2.000	2.000	0.100		0.400	
	STEPS	36	0.0225	2.000			1.620	
	BEAM	4	2.000	0.200	0.340		0.544	
	FIRE WATER TANK WALL							
		2	5.400	0.200	1.000		2.160	
		3	4.770	0.200	1.000		2.862	
	FIRE WATER TANK COVER SLAB							
		1	5.400	5.170	0.150		4.188	
	TERRACE FLOOR COLUMNS							
	C2	8	0.300	0.400	2.880	0.25	0.692	
	C4	4*3.14	0.350	0.350	2.880	0.25	1.108	
	TERRACE FLOOR SLAB							

	STAIR ROOM ROOF SLAB	0.25	3.14*8.2	8.200	0.100		5.279		
	STAIR ROOM ROOF BEAM								
		8	2.330	0.300	0.500		2.796		
		4	2.000	0.300	0.500		1.200		
	Total Quantity						432.440 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						432.440 cum		
	Say 432.440 cum @ Rs 103.35 / cum						<b>Rs 44692.67</b>		
14	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more								
	FOOTING	1	63.945			40.0	2557.800		
	STUB COLUMN	1	2.970			230.0	683.100		
	GRADE BEAM	1	42.195			160.0	6751.200		
	Total Quantity						9992.100 kilogram		
	Total Deducted Quantity						0.000 kilogram		
	Net Total Quantity						9992.100 kilogram		
	Say 9992.100 kilogram @ Rs 84.17 / kilogram						<b>Rs 841035.06</b>		
15	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								
	COLUMN UP TO GRADE BEAM								
	COLUMN	2	12.814			230.0	5894.440		
	COLUMN	2	12.814			160.0	4100.480		
	COLUMN	1	1.800			160.0	288.000		
	BEAM	4	29.968			140.0	16782.080		
	BEAM	1	3.996			140.0	559.440		
	SLAB	1	30.266			75.0	2269.950		
	SLAB	3	29.214			75.0	6573.150		
	SLAB	1	4.188+5.279			75.0	710.025		
	STAIR	4	3.792			80.0	1213.440		
	WALL	1	5.022			100.0	502.201		
	LINTEL	1	36.0478			65.0	2343.107		

	SUNSHADE	1	6.367			65.0	413.855	
	Total Quantity						41650.168 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						41650.168 kg	
	Say 41650.168 kg @ Rs 84.17 / kg						<b>Rs 3505694.64</b>	
16	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).							
	GF							
	ROOMS	2	4.600	0.200	2.600		4.784	
		2	4.800	0.200	2.600		4.992	
	DINING ROOM	2	4.600	0.200	2.600		4.784	
		2	4.800	0.200	2.600		4.992	
	TOILET	2	0.800	0.200	2.600		0.833	
	KITCHEN	2	4.800	0.200	2.600		4.992	
		2	4.600	0.200	2.600		4.784	
		1	5.000	0.200	2.600		2.600	
		1	2.000	0.200	2.600		1.040	
	DUCT	2	3.000	0.150	2.600		2.340	
	TOILET	6	1.500	0.150	2.600		3.510	
		2	4.800	0.150	2.600		3.744	
	D1	6	0.900	2.100	0.200		-2.268	
	D2	8	0.800	2.100	0.150		-2.016	
	W3	8	1.500	1.500	0.200		-3.600	
	W1	8	0.500	1.500	0.200		-1.200	
	KW3	3	1.500	1.000	0.200		-0.900	
	O	2	2.000	2.100	0.200		-1.680	
	V2	1	0.900	0.500	0.200		-0.090	
	V1	8	0.600	0.500	0.200		-0.480	
	DO	2	1.000	1.000	0.200		-0.400	
	FF							
	ROOMS	5	4.600	0.200	2.600		11.960	



		5	4.800	0.200	2.600		12.480	
	TOILET OUTER	2	0.800	0.200	2.600		0.833	
	DUCT	2	3.000	0.150	2.600		2.340	
	TOILET INSIDE	6	1.500	0.150	2.600		3.510	
		2	4.800	0.150	2.600		3.744	
	D1	6	0.900	2.100	0.200		-2.268	
	D2	8	0.800	2.100	0.150		-2.016	
	W3	10	1.500	1.500	0.200		-4.500	
	W1	10	0.500	1.500	0.200		-1.500	
	V2	1	0.900	0.500	0.200		-0.090	
	V1	8	0.600	0.500	0.200		-0.480	
	DO	2	1.000	1.000	0.200		-0.400	
	SF							
	ROOMS	5	4.600	0.200	2.600		11.960	
		5	4.800	0.200	2.600		12.480	
	TOILET OUTER	2	0.800	0.200	2.600		0.833	
	DUCT	2	3.000	0.150	2.600		2.340	
	TOILET INSIDE	6	1.500	0.150	2.600		3.510	
		2	4.800	0.150	2.600		3.744	
	D1	6	0.900	2.100	0.200		-2.268	
	D2	8	0.800	2.100	0.150		-2.016	
	W3	10	1.500	1.500	0.200		-4.500	
	W1	10	0.500	1.500	0.200		-1.500	
	V2	1	0.900	0.500	0.200		-0.090	
	V1	8	0.600	0.500	0.200		-0.480	
	DO	2	1.000	1.000	0.200		-0.400	
	TF							
	ROOMS	5	4.600	0.200	2.600		11.960	
		5	4.800	0.200	2.600		12.480	
	TOILET OUTER	2	0.800	0.200	2.600		0.833	
	DUCT	2	3.000	0.150	2.600		2.340	
	TOILET INSIDE	6	1.500	0.150	2.600		3.510	
		2	4.800	0.150	2.600		3.744	

	D1	6	0.900	2.100	0.200		-2.268		
	D2	8	0.800	2.100	0.150		-2.016		
	W3	10	1.500	1.500	0.200		-4.500		
	W1	10	0.500	1.500	0.200		-1.500		
	V2	1	0.900	0.500	0.200		-0.090		
	V1	8	0.600	0.500	0.200		-0.480		
	DO	2	1.000	1.000	0.200		-0.400		
	RF								
	STAIR ROOM	1	23.560	0.200	2.000		9.424		
	D1	2	0.900	2.100	0.200		-0.756		
	Total Quantity						157.420 cum		
	Total Deducted Quantity						-47.152 cum		
	Net Total Quantity						110.268 cum		
	Say 110.268 cum @ Rs 8457.21 / cum						<b>Rs 932559.63</b>		
17	13.4.2 12 mm cement plaster of mix:1:6 ( 1 cement : 6 coarse sand)								
	GF								
	ROOMS	2*2	4.600		3.000		55.200		
		2*2	4.800		3.000		57.600		
	DINING ROOM	2*2	4.600		3.000		55.200		
		2*2	4.800		3.000		57.600		
	TOILET	2	4.800		3.000		28.800		
		2	4.800		3.000		28.800		
		2	0.600		3.000		3.600		
	KITCHEN	2	4.800		3.000		28.800		
		2	4.600		3.000		27.600		
		2	5.000		3.000		30.000		
		2	2.000		3.000		12.000		
	DUCT	2	2.600		3.000		15.601		
	TOILET	6*2	1.500		3.000		54.000		
		2*2	4.800		3.000		57.600		
	CORRIDOOR	1	41.400		3.000		124.200		
	COLUMNS	8	0.940		3.000		22.560		



		2*5	4.800		3.000		144.000	
	TOILET	2	4.800		3.000		28.800	
		2	4.800		3.000		28.800	
		2	0.600		3.000		3.600	
	DUCT	2	2.600		3.000		15.601	
	TOILET	6*2	1.500		3.000		54.000	
		2*2	4.800		3.000		57.600	
	CORRIDOOR	1	41.400		3.000		124.200	
	COLUMNS	8	0.940		3.000		22.560	
		4	1.200		3.000		14.400	
	STAIR	1	33.330		1.000		33.330	
	D1	6	0.900	2.100			-11.340	
	D2	8	0.800	2.100			-13.440	
	W3	10	1.500	1.500			-22.500	
	W1	10	0.500	1.500			-7.500	
	V2	1	0.900	0.500			-0.450	
	V1	8	0.600	0.500			-2.400	
	DO	2	1.000	1.000			-2.000	
	D1	6	0.900	2.100			-11.340	
	D2	8	0.800	2.100			-13.440	
	W3	10	1.500	1.500			-22.500	
	W1	10	0.500	1.500			-7.500	
	V2	1	0.900	0.500			-0.450	
	V1	8	0.600	0.500			-2.400	
	DO	2	1.000	1.000			-2.000	
	TF							
	ROOMS	2*5	4.600		3.000		138.000	
		2*5	4.800		3.000		144.000	
	TOILET	2	4.800		3.000		28.800	
		2	4.800		3.000		28.800	
		2	0.600		3.000		3.600	
	DUCT	2	2.600		3.000		15.601	
	TOILET	6*2	1.500		3.000		54.000	

		2*2	4.800		3.000		57.600		
	CORRIDOOR	1	41.400		3.000		124.200		
	COLUMNS	8	0.940		3.000		22.560		
		4	1.200		3.000		14.400		
	STAIR	1	33.330		1.000		33.330		
	RF								
	STAIR ROOM	1	23.560	3.000			70.680		
	D1	2	0.900	2.100			-3.780		
	Total Quantity						2772.244 sqm		
	Total Deducted Quantity						-249.200 sqm		
	Net Total Quantity						2523.044 sqm		
	Say 2523.044 sqm @ Rs 250.20 / sqm						<b>Rs 631265.61</b>		
18	13.4.1 12 mm cement plaster of mix:1:4 ( 1 cement : 4 coarse sand)								
	GF								
	EXTERNAL WALL	1	113.000	3.750			423.750		
	SUNSHADE	11*2	1.900	0.600			25.080		
		18*2	1.400	0.600			30.240		
		12*2	5.000	0.600			72.000		
	FF								
	EXTERNAL WALL	1	113.000	3.050			344.650		
	SUNSHADE	11*2	1.900	0.600			25.080		
		18*2	1.400	0.600			30.240		
		12*2	5.000	0.600			72.000		
	SF								
	EXTERNAL WALL	1	113.000	3.050			344.650		
	SUNSHADE	11*2	1.900	0.600			25.080		
		18*2	1.400	0.600			30.240		
		12*2	5.000	0.600			72.000		
	RF								
	EXTERNAL WALL	1	23.400	3.000			70.200		
	PARAPET	1	113.000	2.000			226.000		
	Total Quantity						1791.210 sqm		

		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					1791.210 sqm	
		Say 1791.210 sqm @ Rs 268.94 / sqm					<b>Rs 481728.02</b>	
19	13.16.1 6 mm cement plaster of mix:1:3 ( 1 cement : 3 fine sand)							
GF								
	ROOF	1	223.650				223.650	
FF								
		1	223.650				223.650	
SF								
		1	223.650				223.650	
TR								
		1	223.650				223.650	
RF								
		1	56.400				56.400	
		Total Quantity					951.000 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					951.000 sqm	
		Say 951.000 sqm @ Rs 213.84 / sqm					<b>Rs 203361.84</b>	
20	13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer							
GF								
	ROOMS	2*2	4.600		3.000		55.200	
		2*2	4.800		3.000		57.600	
	DINING ROOM	2*2	4.600		3.000		55.200	
		2*2	4.800		3.000		57.600	
	TOILET	2	4.800		3.000		28.800	
		2	4.800		3.000		28.800	
		2	0.600		3.000		3.600	
	KITCHEN	2	4.800		3.000		28.800	
		2	4.600		3.000		27.600	
		2	5.000		3.000		30.000	
		2	2.000		3.000		12.000	

	DUCT	2	2.600		3.000		15.601	
	TOILET	6*2	1.500		3.000		54.000	
		2*2	4.800		3.000		57.600	
	CORRIDOOR	1	41.400		3.000		124.200	
	COLUMNS	8	0.940		3.000		22.560	
		4	1.200		3.000		14.400	
	STAIR	1	33.330		1.000		33.330	
	D1	6	0.900	2.100			-11.340	
	D2	8	0.800	2.100			-13.440	
	W3	8	1.500	1.500			-18.000	
	W1	8	0.500	1.500			-6.000	
	KW3	3	1.500	1.000			-4.500	
	O	2	2.000	2.100			-8.400	
	V2	1	0.900	0.500			-0.450	
	V1	8	0.600	0.500			-2.400	
	DO	2	1.000	1.000			-2.000	
	FF							
	ROOMS	2*5	4.600		3.000		138.000	
		2*5	4.800		3.000		144.000	
	TOILET	2	4.800		3.000		28.800	
		2	4.800		3.000		28.800	
		2	0.600		3.000		3.600	
	DUCT	2	2.600		3.000		15.601	
	TOILET	6*2	1.500		3.000		54.000	
		2*2	4.800		3.000		57.600	
	CORRIDOOR	1	41.400		3.000		124.200	
	COLUMNS	8	0.940		3.000		22.560	
		4	1.200		3.000		14.400	
	STAIR	1	33.330		1.000		33.330	
	D1	6	0.900	2.100			-11.340	
	D2	8	0.800	2.100			-13.440	
	W3	10	1.500	1.500			-22.500	
	W1	10	0.500	1.500			-7.500	

	V2	1	0.900	0.500			-0.450	
	V1	8	0.600	0.500			-2.400	
	DO	2	1.000	1.000			-2.000	
	SF							
	ROOMS	2*5	4.600		3.000		138.000	
		2*5	4.800		3.000		144.000	
	TOILET	2	4.800		3.000		28.800	
		2	4.800		3.000		28.800	
		2	0.600		3.000		3.600	
	DUCT	2	2.600		3.000		15.601	
	TOILET	6*2	1.500		3.000		54.000	
		2*2	4.800		3.000		57.600	
	CORRIDOOR	1	41.400		3.000		124.200	
	COLUMNS	8	0.940		3.000		22.560	
		4	1.200		3.000		14.400	
	STAIR	1	33.330		1.000		33.330	
	D1	6	0.900	2.100			-11.340	
	D2	8	0.800	2.100			-13.440	
	W3	10	1.500	1.500			-22.500	
	W1	10	0.500	1.500			-7.500	
	V2	1	0.900	0.500			-0.450	
	V1	8	0.600	0.500			-2.400	
	DO	2	1.000	1.000			-2.000	
	D1	6	0.900	2.100			-11.340	
	D2	8	0.800	2.100			-13.440	
	W3	10	1.500	1.500			-22.500	
	W1	10	0.500	1.500			-7.500	
	V2	1	0.900	0.500			-0.450	
	V1	8	0.600	0.500			-2.400	
	DO	2	1.000	1.000			-2.000	
	TF							
	ROOMS	2*5	4.600		3.000		138.000	
		2*5	4.800		3.000		144.000	



	TOILET	2	4.800		3.000		28.800	
		2	4.800		3.000		28.800	
		2	0.600		3.000		3.600	
	DUCT	2	2.600		3.000		15.601	
	TOILET	6*2	1.500		3.000		54.000	
		2*2	4.800		3.000		57.600	
	CORRIDOOR	1	41.400		3.000		124.200	
	COLUMNS	8	0.940		3.000		22.560	
		4	1.200		3.000		14.400	
	STAIR	1	33.330		1.000		33.330	
	RF							
	STAIR ROOM	1	23.560	3.000			70.680	
	D1	2	0.900	2.100			-3.780	
	GF							
	EXTERNAL WALL	1	113.000	3.750			423.750	
	SUNSHADE	11*2	1.900	0.600			25.080	
		18*2	1.400	0.600			30.240	
		12*2	5.000	0.600			72.000	
	FF							
	EXTERNAL WALL	1	113.000	3.050			344.650	
	SUNSHADE	11*2	1.900	0.600			25.080	
		18*2	1.400	0.600			30.240	
		12*2	5.000	0.600			72.000	
	SF							
	EXTERNAL WALL	1	113.000	3.050			344.650	
	SUNSHADE	11*2	1.900	0.600			25.080	
		18*2	1.400	0.600			30.240	
		12*2	5.000	0.600			72.000	
	RF							
	EXTERNAL WALL	1	23.400	3.000			70.200	
	PARAPET	1	113.000	2.000			226.000	
	GF							
	ROOF	1	223.650				223.650	

	FF							
		1	223.650				223.650	
	SF							
		1	223.650				223.650	
	TR							
		1	223.650				223.650	
	RF							
		1	56.400				56.400	
	Total Quantity						5514.454 sqm	
	Total Deducted Quantity						-249.200 sqm	
	Net Total Quantity						5265.254 sqm	
	Say 5265.254 sqm @ Rs 54.95 / sqm						<b>Rs 289325.71</b>	
21	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							
	GF							
	W3	8	1.500	1.500			18.000	
	W1	8	0.500	1.500			6.000	
	KW3	3	1.500	1.000			4.500	
	V2	1	0.900	0.500			0.450	
	V1	8	0.600	0.500			2.400	
	FF							
	W3	10	1.500	1.500			22.500	
	W1	10	0.500	1.500			7.500	
	V2	1	0.900	0.500			0.450	
	V1	8	0.600	0.500			2.400	
	SF							
	W3	10	1.500	1.500			22.500	
	W1	10	0.500	1.500			7.500	
	V2	1	0.900	0.500			0.450	
	V1	8	0.600	0.500			2.400	
	TF							
	W3	10	1.500	1.500			22.500	

	W1	10	0.500	1.500			7.500		
	V2	1	0.900	0.500			0.450		
	V1	8	0.600	0.500			2.400		
	Total Quantity						129.900 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						129.900 sqm		
	Say 129.900 sqm @ Rs 43.27 / sqm						<b>Rs 5620.77</b>		
22	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								
	GF								
	ROOMS	2*2	4.600		3.000		55.200		
		2*2	4.800		3.000		57.600		
	DINING ROOM	2*2	4.600		3.000		55.200		
		2*2	4.800		3.000		57.600		
	TOILET	2	4.800		3.000		28.800		
		2	4.800		3.000		28.800		
		2	0.600		3.000		3.600		
	KITCHEN	2	4.800		3.000		28.800		
		2	4.600		3.000		27.600		
		2	5.000		3.000		30.000		
		2	2.000		3.000		12.000		
	DUCT	2	2.600		3.000		15.601		
	TOILET	6*2	1.500		3.000		54.000		
		2*2	4.800		3.000		57.600		
	CORRIDOOR	1	41.400		3.000		124.200		
	COLUMNS	8	0.940		3.000		22.560		
		4	1.200		3.000		14.400		
	STAIR	1	33.330		1.000		33.330		
	D1	6	0.900	2.100			-11.340		
	D2	8	0.800	2.100			-13.440		
	W3	8	1.500	1.500			-18.000		
	W1	8	0.500	1.500			-6.000		

	KW3	3	1.500	1.000			-4.500	
	O	2	2.000	2.100			-8.400	
	V2	1	0.900	0.500			-0.450	
	V1	8	0.600	0.500			-2.400	
	DO	2	1.000	1.000			-2.000	
	FF							
	ROOMS	2*5	4.600		3.000		138.000	
		2*5	4.800		3.000		144.000	
	TOILET	2	4.800		3.000		28.800	
		2	4.800		3.000		28.800	
		2	0.600		3.000		3.600	
	DUCT	2	2.600		3.000		15.601	
	TOILET	6*2	1.500		3.000		54.000	
		2*2	4.800		3.000		57.600	
	CORRIDOOR	1	41.400		3.000		124.200	
	COLUMNS	8	0.940		3.000		22.560	
		4	1.200		3.000		14.400	
	STAIR	1	33.330		1.000		33.330	
	D1	6	0.900	2.100			-11.340	
	D2	8	0.800	2.100			-13.440	
	W3	10	1.500	1.500			-22.500	
	W1	10	0.500	1.500			-7.500	
	V2	1	0.900	0.500			-0.450	
	V1	8	0.600	0.500			-2.400	
	DO	2	1.000	1.000			-2.000	
	SF							
	ROOMS	2*5	4.600		3.000		138.000	
		2*5	4.800		3.000		144.000	
	TOILET	2	4.800		3.000		28.800	
		2	4.800		3.000		28.800	
		2	0.600		3.000		3.600	
	DUCT	2	2.600		3.000		15.601	
	TOILET	6*2	1.500		3.000		54.000	



	STAIR ROOM	1	23.560	3.000			70.680		
	D1	2	0.900	2.100			-3.780		
	GF								
	EXTERNAL WALL	1	113.000	3.750			423.750		
	SUNSHADE	11*2	1.900	0.600			25.080		
		18*2	1.400	0.600			30.240		
		12*2	5.000	0.600			72.000		
	FF								
	EXTERNAL WALL	1	113.000	3.050			344.650		
	SUNSHADE	11*2	1.900	0.600			25.080		
		18*2	1.400	0.600			30.240		
		12*2	5.000	0.600			72.000		
	SF								
	EXTERNAL WALL	1	113.000	3.050			344.650		
	SUNSHADE	11*2	1.900	0.600			25.080		
		18*2	1.400	0.600			30.240		
		12*2	5.000	0.600			72.000		
	Other Engineering Organisations								
	EXTERNAL WALL	1	23.400	3.000			70.200		
	PARAPET	1	113.000	2.000			226.000		
	GF								
	ROOF	1	223.650				223.650		
	FF								
		1	223.650				223.650		
	SF								
		1	223.650				223.650		
	TR								
		1	223.650				223.650		
	RF								
		1	56.400				56.400		
	Total Quantity						5514.454 sqm		
	Total Deducted Quantity						-249.200 sqm		
	Net Total Quantity						5265.254 sqm		

	Say 5265.254 sqm @ Rs 109.90 / sqm						<b>Rs 578651.41</b>	
23	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							
	GF							
	W3	8	1.500	1.500			18.000	
	W1	8	0.500	1.500			6.000	
	KW3	3	1.500	1.000			4.500	
	V2	1	0.900	0.500			0.450	
	V1	8	0.600	0.500			2.400	
	FF							
	W3	10	1.500	1.500			22.500	
	W1	10	0.500	1.500			7.500	
	V2	1	0.900	0.500			0.450	
	V1	8	0.600	0.500			2.400	
	SF							
	W3	10	1.500	1.500			22.500	
	W1	10	0.500	1.500			7.500	
	V2	1	0.900	0.500			0.450	
	V1	8	0.600	0.500			2.400	
	TF							
	W3	10	1.500	1.500			22.500	
	W1	10	0.500	1.500			7.500	
	V2	1	0.900	0.500			0.450	
	V1	8	0.600	0.500			2.400	
	Total Quantity						129.900 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						129.900 sqm	
	Say 129.900 sqm @ Rs 111.61 / sqm						<b>Rs 14498.14</b>	
24	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							
	GF							

	W3	8	1.500	1.500		17.0	306.000		
	W1	8	0.500	1.500		17.0	102.000		
	KW3	3	1.500	1.000		17.0	76.500		
	V2	1	0.900	0.500		17.0	7.650		
	V1	8	0.600	0.500		17.0	40.800		
	FF								
	W3	10	1.500	1.500		17.0	382.500		
	W1	10	0.500	1.500		17.0	127.500		
	V2	1	0.900	0.500		17.0	7.650		
	V1	8	0.600	0.500		17.0	40.800		
	SF								
	W3	10	1.500	1.500		17.0	382.500		
	W1	10	0.500	1.500		17.0	127.500		
	V2	1	0.900	0.500		17.0	7.650		
	V1	8	0.600	0.500		17.0	40.800		
	TF								
	W3	10	1.500	1.500		17.0	382.500		
	W1	10	0.500	1.500		17.0	127.500		
	V2	1	0.900	0.500		17.0	7.650		
	V1	8	0.600	0.500		17.0	40.800		
	Total Quantity						2208.300 kg		
	Total Deducted Quantity						0.000 kg		
	Net Total Quantity						2208.300 kg		
	Say 2208.300 kg @ Rs 167.22 / kg						<b>Rs 369271.93</b>		
25	11.36 Providing and fixing I st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.								
	TOILET WALL	6*4	1.2+1.5	2.100			136.080		
		2*4	.9+1.5	2.100			40.320		
	D2	8*4	0.800	2.100			-53.760		
	Total Quantity						176.400 sqm		



		Total Deducted Quantity				-53.760 sqm	
		Net Total Quantity				122.640 sqm	
		Say 122.640 sqm @ Rs 1107.59 / sqm				<b>Rs 135834.84</b>	
26	11.38	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.					
	TOILET FLOOR	6*4	1.200	1.500			43.200
		2*4	0.900	1.500			10.800
		1*4	10.030				40.120
		1*4	15.200	0.100			6.080
		Total Quantity				100.200 sqm	
		Total Deducted Quantity				0.000 sqm	
		Net Total Quantity				100.200 sqm	
		Say 100.200 sqm @ Rs 1112.20 / sqm				<b>Rs 111442.44</b>	
27	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.					
		GF					
	ROOMS	2	5.000	5.400			54.000
		2*2	5.000+5.4	0.100			4.160
	DINING	2	5.000	5.400			54.000
		2*2	5.000+5.4	0.100			4.160
	KITCHEN	1	5.000	3.200			16.000
		1*2	5.000+3.2	0.100			1.640
	STORE	1	2.000	2.200			4.400
		1*2	2.000+2.2	0.100			0.841
	W/A	1	2.600	2.000			5.200
		1*2	2.600+2	0.100			0.920
	CORRIDOOR	1	73.400				73.400
		1	43.500	0.100			4.351
	STAIR	36	2.000	0.300			21.600

		36	2.000	0.150			10.800		
		1	2.000	2.000			4.000		
	FF								
	ROOMS	5	5.000	5.400			135.000		
		5*2	5.000+5.4	0.100			10.400		
	CORRIDOOR	1	73.400				73.400		
		1	43.500	0.100			4.351		
	STAIR	36	2.000	0.300			21.600		
		36	2.000	0.150			10.800		
		1	2.000	2.000			4.000		
	SF								
	ROOMS	5	5.000	5.400			135.000		
		5*2	5.000+5.4	0.100			10.400		
	CORRIDOOR	1	73.400				73.400		
		1	43.500	0.100			4.351		
	STAIR	36	2.000	0.300			21.600		
		36	2.000	0.150			10.800		
		1	2.000	2.000			4.000		
	TF								
	ROOMS	5	5.000	5.400			135.000		
		5*2	5.000+5.4	0.100			10.400		
	CORRIDOOR	1	73.400				73.400		
		1	43.500	0.100			4.351		
	STAIR	36	2.000	0.300			21.600		
		36	2.000	0.150			10.800		
		1	2.000	2.000			4.000		
	Total Quantity							1038.125 sqm	
	Total Deducted Quantity							0.000 sqm	
	Net Total Quantity							1038.125 sqm	
	Say 1038.125 sqm @ Rs 1664.66 / sqm							<b>Rs 1728125.16</b>	
28	9.147.5 Providing and fixing factory made uPVC white colour casement/casement cumfixed 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								

<p>required length (shape &amp; 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 &amp; 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 &amp; direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately)</p> <p>Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth &amp; 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 &amp; sash / mullion 67 x 80 mm both having wall thickness of <math>2.3 \pm 0.2</math> mm and single glazing bead/ double glazing bead of appropriate dimension. (Area of window above 1.50 sqm).</p>							
GF							
W3	4	1.500	1.350			8.101	
W1	4	0.500	1.350			2.700	
KW3	3	1.500	1.000			4.500	
FF							
W3	5	1.500	1.350			10.126	
W1	5	0.500	1.350			3.375	
SF							
W3	5	1.500	1.350			10.126	
W1	5	0.500	1.350			3.375	
TF							
W3	5	1.500	1.350			10.126	
W1	5	0.500	1.350			3.375	
Total Quantity						55.804 sqm	
Total Deducted Quantity						0.000 sqm	
Net Total Quantity						55.804 sqm	
Say 55.804 sqm @ Rs 12451.79 / sqm						<b>Rs 694859.69</b>	
29	<p>9.147B.1 543SUB HEAD : 9 - WOOD &amp; 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 <math>1.60 \pm 0.2</math> mm thick galvanized mild steel section made from roll forming process of required length (shape &amp; 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</p>						

<p>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 &amp; 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 &amp; width of profile shall be acceptable. Fixed window / ventilator made of (small series) frame 47 x 50 mm &amp; mullion 47x 68 mm both having wall thickness of <math>1.9 \pm 0.2</math> mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.)</p>							
GF							
V2	1	0.900	0.500			0.450	
V1	8	0.600	0.500			2.400	
FF							
V2	1	0.900	0.500			0.450	
V1	8	0.600	0.500			2.400	
SF							
V2	1	0.900	0.500			0.450	
V1	8	0.600	0.500			2.400	
TF							
V2	1	0.900	0.500			0.450	
V1	8	0.600	0.500			2.400	
Total Quantity						11.400 sqm	
Total Deducted Quantity						0.000 sqm	
Net Total Quantity						11.400 sqm	
Say 11.400 sqm @ Rs 8029.89 / sqm						<b>Rs 91540.75</b>	
30	<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>						
GF							
V2	1	0.900	0.500			0.450	
V1	8	0.600	0.500			2.400	
FF							
V2	1	0.900	0.500			0.450	
V1	8	0.600	0.500			2.400	
SF							
V2	1	0.900	0.500			0.450	

	V1	8	0.600	0.500			2.400		
	TF								
	V2	1	0.900	0.500			0.450		
	V1	8	0.600	0.500			2.400		
	GF								
	W3	4	1.500	1.350			8.101		
	W1	4	0.500	1.350			2.700		
	KW3	3	1.500	1.000			4.500		
	FF								
	W3	5	1.500	1.350			10.126		
	W1	5	0.500	1.350			3.375		
	SF								
	W3	5	1.500	1.350			10.126		
	W1	5	0.500	1.350			3.375		
	TF								
	W3	5	1.500	1.350			10.126		
	W1	5	0.500	1.350			3.375		
	Other Engineering Organisation						Total Quantity	67.204 sqm	
	PRICE						Total Deducted Quantity	0.000 sqm	
	PRICE						Net Total Quantity	67.204 sqm	
	Say 67.204 sqm @ Rs 1492.97 / sqm						<b>Rs 100333.56</b>		
31	od180305/2019_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.)								
	MD	1	1.200	2.400			2.880		
	RF DOOR	2	0.900	2.100			3.781		
	Total Quantity						6.661 sqm of door area		
	Total Deducted Quantity						0.000 sqm of door area		
	Net Total Quantity						6.661 sqm of door area		

	Say 6.661 sqm of door area @ Rs 10964.06 / sqm of door area						<b>Rs 73031.60</b>	
32	od155244/2019_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)							
	GF							
	D2	8	0.800	2.100			13.441	
	FF							
	D2	8	0.800	2.100			13.441	
	SF							
	D1	8	0.800	2.100			13.441	
	TF							
	D3	8	0.800	2.100			13.441	
	Total Quantity						53.764 sqm of door area	
	Total Deducted Quantity						0.000 sqm of door area	
	Net Total Quantity						53.764 sqm of door area	
	Say 53.764 sqm of door area @ Rs 8764.14 / sqm of door area						<b>Rs 471195.22</b>	
33	od153725/2019_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)							
	GF							
	D1	6	0.900	2.100			11.340	
	FF							
	D1	6	0.900	2.100			11.340	
	SF							
	D1	6	0.900	2.100			11.340	
	TF							

	D1	6	0.900	2.100			11.340	
	Total Quantity						45.360 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						45.360 sqm	
	Say 45.360 sqm @ Rs 9307.72 / sqm						<b>Rs 422198.18</b>	
34	<p>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 &amp; 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.)</p>							
		1	1293.000				1293.000	
	Total Quantity						1293.000 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						1293.000 kg	
	Say 1293.000 kg @ Rs 702.51 / kg						<b>Rs 908345.43</b>	
35	<p>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</p>							
		1				16.0	16.000	
	Total Quantity						16.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						16.000 each	
	Say 16.000 each @ Rs 5083.95 / each						<b>Rs 81343.20</b>	
36	<p>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</p>							
		1				16.0	16.000	
	Total Quantity						16.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						16.000 each	

		Say 16.000 each @ Rs 3418.17 / each					<b>Rs 54690.72</b>
37	17.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.					
		16					16.000
		Total Quantity					16.000 each
		Total Deducted Quantity					0.000 each
		Net Total Quantity					16.000 each
		Say 16.000 each @ Rs 1450.29 / each					<b>Rs 23204.64</b>
38	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					
		24					24.000
		Total Quantity					24.000 each
		Total Deducted Quantity					0.000 each
		Net Total Quantity					24.000 each
		Say 24.000 each @ Rs 437.13 / each					<b>Rs 10491.12</b>
39	17.10.1.1	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required: Kitchen sink with drain board 510x1040 mm bowl depth 250 mm					
		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 6128.04 / each					<b>Rs 49024.32</b>
40	14.62.2	Providing and fixing C.P brass chain and rubber plug complete for sink or wash basin: 40 mm dia					
		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 93.17 / each					<b>Rs 745.36</b>
41	17.73.2	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws					



	with concealed fitting arrangement of approved quality and colour 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighting not less than 190 gms						
		1				16.0	16.000
	Total Quantity						16.000 no
	Total Deducted Quantity						0.000 no
	Net Total Quantity						16.000 no
	Say 16.000 no @ Rs 628.60 / no						<b>Rs 10057.60</b>
42	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						
		20					20.000
	Total Quantity						20.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						20.000 each
	Say 20.000 each @ Rs 205.00 / each						<b>Rs 4100.00</b>
43	18.16.2 Providing and fixing brass stop cock of approved quality :20 mm nominal bore						
		16					16.000
	Total Quantity						16.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						16.000 each
	Say 16.000 each @ Rs 416.98 / each						<b>Rs 6671.68</b>
44	18.22.2 Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:150 mm diameter						
		16					16.000
	Total Quantity						16.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						16.000 each
	Say 16.000 each @ Rs 127.74 / each						<b>Rs 2043.84</b>
45	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				56.0	56.000
	Total Quantity						56.000 each

							Total Deducted Quantity	0.000 each
							Net Total Quantity	56.000 each
							Say 56.000 each @ Rs 707.41 / each	<b>Rs 39614.96</b>
46	od180936/2019_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 )							
		32						32.000
							Total Quantity	32.000 each
							Total Deducted Quantity	0.000 each
							Net Total Quantity	32.000 each
							Say 32.000 each @ Rs 826.04 / each	<b>Rs 26433.28</b>
47	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.							
		1				16.0		16.000
							Total Quantity	16.000 no
							Total Deducted Quantity	0.000 no
							Net Total Quantity	16.000 no
							Say 16.000 no @ Rs 1280.63 / no	<b>Rs 20490.08</b>
48	18.51.1 Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.15 mm nominal bore							
		1				40.0		40.000
							Total Quantity	40.000 each
							Total Deducted Quantity	0.000 each
							Net Total Quantity	40.000 each
							Say 40.000 each @ Rs 732.47 / each	<b>Rs 29298.80</b>
49	18.17.1 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore							
		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 636.78 / each	<b>Rs 5094.24</b>

50	od180510/2019_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 1484.03 / each						<b>Rs 2968.06</b>
51	od153735/2019_2020 Providing and fixing PVC pipes including fixing the pipe with clamps/ clip at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 63 mm dia 10 Kgf/cm2 - External work - Exposed on wall						
		1	20.000				20.000
	Total Quantity						20.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						20.000 metre
	Say 20.000 metre @ Rs 312.46 / metre						<b>Rs 6249.20</b>
52	50.18.7.2.2 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 20 mm dia 10 Kgf/cm2- Internal work - Exposed on wall						
		1	280.000				280.000
	Total Quantity						280.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						280.000 metre
	Say 280.000 metre @ Rs 186.44 / metre						<b>Rs 52203.20</b>
53	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						
		40					40.000
	Total Quantity						40.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						40.000 metre
	Say 40.000 metre @ Rs 210.49 / metre						<b>Rs 8419.60</b>
54	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/cm <sup>2</sup> - Internal work - Exposed on wall							
		1	24.000				24.000	
		Total Quantity					24.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					24.000 metre	
		Say 24.000 metre @ Rs 253.95 / metre					<b>Rs 6094.80</b>	
55	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 - Internal work- Exposed on wall							
		30					30.000	
		Total Quantity					30.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					30.000 metre	
		Say 30.000 metre @ Rs 334.19 / metre					<b>Rs 10025.70</b>	
56	50.18.7.5.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00m 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 10 Kgf/cm <sup>2</sup> - Internal work- exposed on wall							
		1	15.000				15.000	
		Total Quantity					15.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					15.000 metre	
		Say 15.000 metre @ Rs 326.19 / metre					<b>Rs 4892.85</b>	
57	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 Kgf/ cm <sup>2</sup>							
		210					210.000	
		Total Quantity					210.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					210.000 metre	
		Say 210.000 metre @ Rs 305.63 / metre					<b>Rs 64182.30</b>	

58	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/cm2	1	18.000				18.000	
		Total Quantity					18.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					18.000 metre	
		Say 18.000 metre @ Rs 350.93 / metre					<b>Rs 6316.74</b>	
59	50.18.7.6.2 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 50 mm dia 6 Kgf/cm2 - Internal work- Exposed on wall	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 294.14 / metre					<b>Rs 5882.80</b>	
60	50.18.9.17.1 Providing and fixing PVC pipes including fixing the pipe with clamps/ clip at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 63 mm dia 6 Kgf/cm2 - External work - Exposed on wall	1	35.000				35.000	
		Total Quantity					35.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					35.000 metre	
		Say 35.000 metre @ Rs 238.41 / metre					<b>Rs 8344.35</b>	
61	50.18.9.18.2 Providing and fixing PVC pipes including fixing the pipe with clamps/Clips at 1.00 m spacing. This included jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 75 mm dia 4 Kgf/cm2 - External work - Exposed on wall	1	20.000				20.000	
		Total Quantity					20.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					20.000 metre	
		Say 20.000 metre @ Rs 210.36 / metre					<b>Rs 4207.20</b>	

62	50.18.9.19.1 Providing and fixing PVC pipes including fixing the pipe with clamps/ clips/ at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 110 mm dia 6 Kgf/cm2 - External work- Exposed on wall	1	90.000				90.000	
		Total Quantity					90.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					90.000 metre	
		Say 90.000 metre @ Rs 351.86 / metre					<b>Rs 31667.40</b>	
63	18.17.3 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :40 mm nominal bore	5					5.000	
		Total Quantity					5.000 each	
		Total Deducted Quantity					0.000 each	
		Net Total Quantity					5.000 each	
		Say 5.000 each @ Rs 869.51 / each					<b>Rs 4347.55</b>	
64	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.	1	10000.000				10000.000	
		Total Quantity					10000.000 Litre	
		Total Deducted Quantity					0.000 Litre	
		Net Total Quantity					10000.000 Litre	
		Say 10000.000 Litre @ Rs 10.78 / Litre					<b>Rs 107800.00</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>3 SUMP TANK CIVIL WORKS</b>								
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	540.000				540.000	
		Total Quantity					540.000 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					540.000 cum	

		Say 540.000 cum @ Rs 187.30 / cum					<b>Rs 101142.00</b>	
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	12.300				12.300	
		Total Quantity					12.300 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					12.300 cum	
		Say 12.300 cum @ Rs 6659.46 / cum					<b>Rs 81911.36</b>	
3	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns							
		1	30.750				30.750	
		Total Quantity					30.750 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					30.750 sqm	
		Say 30.750 sqm @ Rs 288.42 / sqm					<b>Rs 8868.92</b>	
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	45.000				45.000	
		Total Quantity					45.000 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					45.000 cum	
		Say 45.000 cum @ Rs 187.00 / cum					<b>Rs 8415.00</b>	
5	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							
		1	35.000				35.000	
		Total Quantity					35.000 cum	

		Total Deducted Quantity				0.000 cum	
		Net Total Quantity				35.000 cum	
		Say 35.000 cum @ Rs 9586.59 / cum				<b>Rs 335530.65</b>	
6	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	1	13.220			13.220	
		Total Quantity				13.220 sqm	
		Total Deducted Quantity				0.000 sqm	
		Net Total Quantity				13.220 sqm	
		Say 13.220 sqm @ Rs 288.42 / sqm				<b>Rs 3812.91</b>	
7	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	50.600			50.600	
All works above plinth level for Slab		1	19.790			19.790	
		Total Quantity				70.390 cum	
		Total Deducted Quantity				0.000 cum	
		Net Total Quantity				70.390 cum	
		Say 70.390 cum @ Rs 10781.55 / cum				<b>Rs 758913.30</b>	
8	5.9.2 Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, butresses, plinth and string courses etc.	1	427.200			427.200	
		Total Quantity				427.200 sqm	
		Total Deducted Quantity				0.000 sqm	
		Net Total Quantity				427.200 sqm	
		Say 427.200 sqm @ Rs 563.02 / sqm				<b>Rs 240522.14</b>	
9	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs,						



	landings, balconies and access platform								
		1	102.790				102.790		
		Total Quantity					102.790 sqm		
		Total Deducted Quantity					0.000 sqm		
		Net Total Quantity					102.790 sqm		
		Say 102.790 sqm @ Rs 628.00 / sqm					<b>Rs 64552.12</b>		
10	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more								
		1	10562.000				10562.000		
		Total Quantity					10562.000 kilogram		
		Total Deducted Quantity					0.000 kilogram		
		Net Total Quantity					10562.000 kilogram		
		Say 10562.000 kilogram @ Rs 84.17 / kilogram					<b>Rs 889003.54</b>		
11	22.4.1 Providing and Placing in position suitable PVC water stops conforming to IS : 12200 for construction / expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete: Serrated with central bulb ( 225 mm wide, 8-11 mm thick)								
		1					1.000		
		Total Quantity					1.000 metre		
		Total Deducted Quantity					0.000 metre		
		Net Total Quantity					1.000 metre		
		Say 1.000 metre @ Rs 377.95 / metre					<b>Rs 377.95</b>		
12	22.23.1 Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels/ subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer in-charge. The product performance shall carry guarantee for 10 years against any leakage. For vertical surface two coats @ 0.70 kg per sqm								
		1	346.752				346.752		
		Total Quantity					346.752 sqm		

		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					346.752 sqm	
		Say 346.752 sqm @ Rs 696.11 / sqm					<b>Rs 241377.53</b>	
13	<p>22.23.2          Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage &amp; water treatment plant, tunnels/ subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e. by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage. For horizontal surface one coat @ 1.10 kg per sqm.</p>							
		1	98.670				98.670	
		Total Quantity					98.670 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					98.670 sqm	
		Say 98.670 sqm @ Rs 538.85 / sqm					<b>Rs 53168.33</b>	
14	<p>13.4.1          12 mm cement plaster of mix:1:4 ( 1 cement : 4 coarse sand)</p>							
		1	520.000				520.000	
		Total Quantity					520.000 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					520.000 sqm	
		Say 520.000 sqm @ Rs 268.94 / sqm					<b>Rs 139848.80</b>	
15	<p>od156256/2019_2020          Supply and fixing double sealed Ductile Iron manhole covers of size 900x600 mm with frames (Medium duty)</p>							
		6					6.000	
		Total Quantity					6.000 each	
		Total Deducted Quantity					0.000 each	
		Net Total Quantity					6.000 each	
		Say 6.000 each @ Rs 19858.15 / each					<b>Rs 119148.90</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>4 EXISTING CLASS ROOM CONVERTED TO SMART CLASS ROOMS</b>								

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 ROOMS	12	30.000	3.500			1260.000	
	Total Quantity						1260.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						1260.000 sqm	
	Say 1260.000 sqm @ Rs 16.06 / sqm						<b>Rs 20235.60</b>	
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						
	CLASS ROOM	12	30.000	3.500			1260.000	
	Total Quantity						1260.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						1260.000 sqm	
	Say 1260.000 sqm @ Rs 82.16 / sqm						<b>Rs 103521.60</b>	
3	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						
	Other Engineering Organisations DOORS AND WINDOWS							
		12	10.950				131.400	
	Total Quantity						131.400 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						131.400 sqm	
	Say 131.400 sqm @ Rs 76.29 / sqm						<b>Rs 10024.51</b>	
4	11.46.2	Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x600 mm						
	CLASS ROOM	12	10.000	3.600			432.000	
	Total Quantity						432.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						432.000 sqm	
	Say 432.000 sqm @ Rs 1688.16 / sqm						<b>Rs 729285.12</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark

5 SUBSTATION 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						
	wall foundation	2	20.000	1.200	0.600		28.800	
		3	9.600	1.200	0.600		20.736	
		Total Quantity					49.536 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					49.536 cum	
		Say 49.536 cum @ Rs 187.30 / cum					<b>Rs 9278.09</b>	
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	2.840				2.840	
		Total Quantity					2.840 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					2.840 cum	
		Say 2.840 cum @ Rs 6659.46 / cum					<b>Rs 18912.87</b>	
3	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)						
		1	10.000				10.000	
		Total Quantity					10.000 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					10.000 cum	
		Say 10.000 cum @ Rs 8152.21 / cum					<b>Rs 81522.10</b>	
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	30.000				30.000	
		Total Quantity					30.000 cum	
		Total Deducted Quantity					0.000 cum	



		Say 15.200 sqm @ Rs 509.93 / sqm					<b>Rs 7750.94</b>	
9	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more							
		1	628.000				628.000	
		Total Quantity					628.000 kilogram	
		Total Deducted Quantity					0.000 kilogram	
		Net Total Quantity					628.000 kilogram	
		Say 628.000 kilogram @ Rs 84.17 / kilogram					<b>Rs 52858.76</b>	
10	50.6.1.2 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 ( 1 cement: 6 coarse sand) etc complete.							
		1	13.600				13.600	
		Total Quantity					13.600 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					13.600 cum	
		Say 13.600 cum @ Rs 5839.01 / cum					<b>Rs 79410.54</b>	
11	13.4.1 12 mm cement plaster of mix:1:4 ( 1 cement : 4 coarse sand)							
		1	141.000				141.000	
		Total Quantity					141.000 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					141.000 sqm	
		Say 141.000 sqm @ Rs 268.94 / sqm					<b>Rs 37920.54</b>	
12	13.4.2 12 mm cement plaster of mix:1:6 ( 1 cement : 6 coarse sand)							
		1	98.720				98.720	
		Total Quantity					98.720 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					98.720 sqm	
		Say 98.720 sqm @ Rs 250.20 / sqm					<b>Rs 24699.74</b>	
13	13.16.1 6 mm cement plaster of mix:1:3 ( 1 cement : 3 fine sand)							
		1	75.280				75.280	

										Total Quantity	75.280 sqm
										Total Deducted Quantity	0.000 sqm
										Net Total Quantity	75.280 sqm
										Say 75.280 sqm @ Rs 213.84 / sqm	<b>Rs 16097.88</b>
14	13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer									
		1	315.000								315.000
										Total Quantity	315.000 sqm
										Total Deducted Quantity	0.000 sqm
										Net Total Quantity	315.000 sqm
										Say 315.000 sqm @ Rs 54.95 / sqm	<b>Rs 17309.25</b>
15	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	315.000								315.000
										Total Quantity	315.000 sqm
										Total Deducted Quantity	0.000 sqm
										Net Total Quantity	315.000 sqm
										Say 315.000 sqm @ Rs 109.90 / sqm	<b>Rs 34618.50</b>
16	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									
		1	10.800								10.800
										Total Quantity	10.800 sqm
										Total Deducted Quantity	0.000 sqm
										Net Total Quantity	10.800 sqm
										Say 10.800 sqm @ Rs 43.27 / sqm	<b>Rs 467.32</b>
17	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	10.800								10.800
										Total Quantity	10.800 sqm
										Total Deducted Quantity	0.000 sqm







							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	20.000 sqm
							Say 20.000 sqm @ Rs 2554.17 / sqm	<b>Rs 51083.40</b>
24	10.7	Providing and fixing ball bearing for rolling shutters.						
		2					2.000	
							Total Quantity	2.000 no
							Total Deducted Quantity	0.000 no
							Net Total Quantity	2.000 no
							Say 2.000 no @ Rs 564.06 / no	<b>Rs 1128.12</b>
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>6 ROADS AND ANCILLARY WORKS</b>								
1	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.						
	Road area	1	2317.000				2317.000	
							Total Quantity	2317.000 sqm
							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	2317.000 sqm
							Say 2317.000 sqm @ Rs 133.99 / sqm	<b>Rs 310454.83</b>
2	16.78.3	Construction of granular sub- base by Providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, Carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in- Charge.With material conforming to Grade - III ( size range 26.5 mm to 0.075 mm) having CBR Value - 20						
	Road area	1	2317.000		0.100		231.701	
							Total Quantity	231.701 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	231.701 cum
							Say 231.701 cum @ Rs 2872.33 / cum	<b>Rs 665521.73</b>
3	16.79	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.							
	Road area	1	2317.000		0.150		347.550	
	Total Quantity						347.550 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						347.550 cum	
	Say 347.550 cum @ Rs 3170.87 / cum						<b>Rs 1102035.87</b>	
4	51.16.PC.1pb Primer Coat - Bitumen Emulsion (SS-1) - Using Packed Bitumen Rates 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).							
	Road area	1	2317.000				2317.000	
	Total Quantity						2317.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2317.000 sqm	
	Say 2317.000 sqm @ Rs 61.90 / sqm						<b>Rs 143422.30</b>	
5	od126133/2019_2020 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)							
	Road area	1	2317.000				2317.000	
	Total Quantity						2317.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2317.000 sqm	
	Say 2317.000 sqm @ Rs 252.25 / sqm						<b>Rs 584463.25</b>	
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	2317.000				2317.000	

	Total Quantity						2317.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2317.000 sqm	
	Say 2317.000 sqm @ Rs 11.57 / sqm						<b>Rs 26807.69</b>	
7	od126134/2019_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	2317.000				2317.000	
	Total Quantity						2317.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2317.000 sqm	
	Say 2317.000 sqm @ Rs 88.47 / sqm						<b>Rs 204984.99</b>	
8	od126135/2019_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.							
	Below footpath	1	341.000	1.000			341.000	
	Total Quantity						341.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						341.000 sqm	
	Say 341.000 sqm @ Rs 291.60 / sqm						<b>Rs 99435.60</b>	
9	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							
	Below footpath	1	341.000		0.100		34.100	
	Total Quantity						34.100 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						34.100 cum	
	Say 34.100 cum @ Rs 8184.70 / cum						<b>Rs 279098.27</b>	
10	16.45 Providing and fixing in position pre- moulded joint filler in expansion joints.							
	Along footpath	1	10.000	1.000	15.000		150.000	
	Total Quantity						150.000 per cm	

							depth per cm width per meter length
							0.000 per cm depth per cm width per meter length
							150.000 per cm depth per cm width per meter length
							<b>Rs 490.50</b>
							Say 150.000 per cm depth per cm width per meter length @ Rs 3.27 / per cm depth per cm width per meter length
11	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.					
	Along footpath	1	341.000				341.000
							Total Quantity 341.000 sqm
							Total Deducted Quantity 0.000 sqm
							Net Total Quantity 341.000 sqm
							Say 341.000 sqm @ Rs 2156.96 / sqm <b>Rs 735523.36</b>
12	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)					
	Along footpath	2	341.000		0.075		51.150
							Total Quantity 51.150 cum
							Total Deducted Quantity 0.000 cum
							Net Total Quantity 51.150 cum
							Say 51.150 cum @ Rs 7454.31 / cum <b>Rs 381287.96</b>
13	od126136/2019_2020	two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces					
	Along Kerbs	2	341.000		0.200		136.400
							Total Quantity 136.400 sqm

							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	136.400 sqm
							Say 136.400 sqm @ Rs 100.73 / sqm	<b>Rs 13739.57</b>
14	od126137/2019_2020 Providing and fixing PVC pipe pieces in weep holes by hacking, jointing and make good, 110 mm pipe 4 kgf/cm <sup>2</sup>							
		158	0.110					17.380
							Total Quantity	17.380 metre
							Total Deducted Quantity	0.000 metre
							Net Total Quantity	17.380 metre
							Say 17.380 metre @ Rs 225.21 / metre	<b>Rs 3914.15</b>
15	od126138/2019_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	317.000					317.000
							Total Quantity	317.000 metre
							Total Deducted Quantity	0.000 metre
							Net Total Quantity	317.000 metre
							Say 317.000 metre @ Rs 6066.96 / metre	<b>Rs 1923226.32</b>
16	od126139/2019_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.							
		17						17.000
							Total Quantity	17.000 each
							Total Deducted Quantity	0.000 each
							Net Total Quantity	17.000 each
							Say 17.000 each @ Rs 11515.80 / each	<b>Rs 195768.60</b>
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>7 LAND DEVELOPMENT</b>								
1	2.32 Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.							
	Existing ITI capus area	1	7500.000				7500.000	
							Total Quantity	7500.000 sqm

		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					7500.000 sqm	
		Say 7500.000 sqm @ Rs 5.43 / sqm					<b>Rs 40725.00</b>	
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							
	Existing ITI campus jungle area	1	2450.000				2450.000	
		Total Quantity					2450.000 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					2450.000 sqm	
		Say 2450.000 sqm @ Rs 10.71 / sqm					<b>Rs 26239.50</b>	
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							
		22					22.000	
		Total Quantity					22.000 each	
		Total Deducted Quantity					0.000 each	
		Net Total Quantity					22.000 each	
		Say 22.000 each @ Rs 325.97 / each					<b>Rs 7171.34</b>	
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							
		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 1446.50 / each					<b>Rs 17358.00</b>	
5	2.33.3 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 120 cm girth up to and including 240 cm girth							
		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 6698.27 / each	<b>Rs 53586.16</b>
6	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							1.000
								Total Quantity	1.000 each
								Total Deducted Quantity	0.000 each
								Net Total Quantity	1.000 each
								Say 1.000 each @ Rs 13428.74 / each	<b>Rs 13428.74</b>
7	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	450.000						450.000
								Total Quantity	450.000 cum
								Total Deducted Quantity	0.000 cum
								Net Total Quantity	450.000 cum
								Say 450.000 cum @ Rs 636.33 / cum	<b>Rs 286348.50</b>
8	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	7500.000						7500.000
								Total Quantity	7500.000 sqm
								Total Deducted Quantity	0.000 sqm
								Net Total Quantity	7500.000 sqm
								Say 7500.000 sqm @ Rs 20.75 / sqm	<b>Rs 155625.00</b>
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>8 EXTERNAL WATER SUPPLY</b>									
1	50.18.9.5.1	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 40 mm dia 10Kg/cm2							
		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 230.56 / metre	<b>Rs 6916.80</b>
2	50.18.9.6.1	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. 50 mm dia 10Kgf/cm2						
		1	35.000					35.000
							Total Quantity	35.000 metre
							Total Deducted Quantity	0.000 metre
							Net Total Quantity	35.000 metre
							Say 35.000 metre @ Rs 238.56 / metre	<b>Rs 8349.60</b>
3	od153812/2019_2020	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. 63 mm dia 10Kgf/cm2						
		1	40.000					40.000
							Total Quantity	40.000 metre
							Total Deducted Quantity	0.000 metre
							Net Total Quantity	40.000 metre
							Say 40.000 metre @ Rs 280.82 / metre	<b>Rs 11232.80</b>
4	od153821/2019_2020	Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching and refilling & testing of joints complete as per direction of Engineer in Charge. 75 mm dia 10Kgf/cm2						
		1	25.000					25.000
							Total Quantity	25.000 metre
							Total Deducted Quantity	0.000 metre
							Net Total Quantity	25.000 metre
							Say 25.000 metre @ Rs 373.72 / metre	<b>Rs 9343.00</b>
5	od156545/2019_2020	Providing and fixing UPVC schedule 80 pipes including fixing the pipe with clamps/ clips/ at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 80 mm dia schedule 80 - External work- Exposed on wall						
		1	35.000					35.000
							Total Quantity	35.000 metre
							Total Deducted Quantity	0.000 metre
							Net Total Quantity	35.000 metre

	Say 35.000 metre @ Rs 1453.92 / metre							<b>Rs 50887.20</b>
6	od156547/2019_2020 Providing and fixing UPVC Schedule 80 pipes, UPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work 80 mm nominal inner dia schedule 80 UG pipes.							
		1	3.000				3.000	
	Total Quantity							3.000 metre
	Total Deducted Quantity							0.000 metre
	Net Total Quantity							3.000 metre
	Say 3.000 metre @ Rs 1286.80 / metre							<b>Rs 3860.40</b>
7	od156550/2019_2020 Providing and fixing UPVC Schedule 80 pipes, UPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work 65 mm nominal inner dia Sch.80 UG pipes							
		2	35.000				70.000	
	Total Quantity							70.000 metre
	Total Deducted Quantity							0.000 metre
	Net Total Quantity							70.000 metre
	Say 70.000 metre @ Rs 1001.37 / metre							<b>Rs 70095.90</b>
8	od156553/2019_2020 Providing and fixing UPVC schedule 80 pipes including fixing the pipe with clamps/Clips at 1.00 m spacing. This included jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 65 mm dia schedule 80 - External work - Exposed on wall							
		2	70.000				140.000	
	Total Quantity							140.000 metre
	Total Deducted Quantity							0.000 metre
	Net Total Quantity							140.000 metre
	Say 140.000 metre @ Rs 1156.41 / metre							<b>Rs 161897.40</b>
9	od156557/2019_2020 Providing and fixing UPVC Schedule 80 pipes, UPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work 100 mm nominal inner dia Sch.80 UG pipes							
		1	220.000				220.000	
	Total Quantity							220.000 metre
	Total Deducted Quantity							0.000 metre
	Net Total Quantity							220.000 metre

	Say 220.000 metre @ Rs 1836.07 / metre						<b>Rs 403935.40</b>	
10	od156559/2019_2020 Providing and fixing UPVC schedule 80 pipes including fixing the pipe with clamps/ clips/ at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 100 mm dia schedule 80 - External work- Exposed on wall							
		1	35.000				35.000	
	Total Quantity						35.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						35.000 metre	
	Say 35.000 metre @ Rs 2137.92 / metre						<b>Rs 74827.20</b>	
11	od153797/2019_2020 Supply, fixing, testing , commissioning 100mm dia Butterfly valve (Manual) with CI body SS disk, Nitrile rubber seal and O-ring P16 pressure rating for water circulation as specified.							
		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 6296.15 / each						<b>Rs 18888.45</b>	
12	od153798/2019_2020 Supply, fixing, testing , commissioning 80mm dia Butterfly valve (Manual) with CI body SS disk, Nitrile rubber seal and O-ring P16 pressure rating for water circulation as specified.							
		5					5.000	
	Total Quantity						5.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						5.000 each	
	Say 5.000 each @ Rs 4526.12 / each						<b>Rs 22630.60</b>	
13	od153799/2019_2020 Supply, fixing, testing , commissioning 65mm dia Butterfly valve (Manual) with CI body SS disk, Nitrile rubber seal and O-ring P16 pressure rating for water circulation as specified.							
		4					4.000	
	Total Quantity						4.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						4.000 each	
	Say 4.000 each @ Rs 4160.08 / each						<b>Rs 16640.32</b>	
14	od182538/2019_2020 Supply and install Zoloto or approved equivalent 50mm full bore forged brass ball valve including all							

	necessary fittings								
		5					5.000		
		Total Quantity					5.000	each	
		Total Deducted Quantity					0.000	each	
		Net Total Quantity					5.000	each	
		Say 5.000 each @ Rs 3676.74 / each					<b>Rs 18383.70</b>		
15	od182639/2019_2020 Supply and install Zoloto or approved equivalent 40mm full bore forged brass ball valve including all necessary fittings.								
		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 2158.26 / each					<b>Rs 25899.12</b>		
16	od180510/2019_2020 Supply and install Zoloto or approved equivalent 32mm full bore forged brass ball valve including all necessary fittings.								
		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 1484.03 / each					<b>Rs 11872.24</b>		
17	18.19.4.1 Providing and fixing gun metal non-return valve of approved quality (screwed end):50 mm nominal boreHorizontal								
		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 1468.81 / each					<b>Rs 2937.62</b>		
18	18.19.5.1 Providing and fixing gun metal non-return valve of approved quality (screwed end):65 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 2629.94 / each	<b>Rs 2629.94</b>
19	18.19.6.1 Providing and fixing gun metal non-return valve of approved quality (screwed end):80 mm nominal boreHorizontal									
			5							5.000
									Total Quantity	5.000 each
									Total Deducted Quantity	0.000 each
									Net Total Quantity	5.000 each
									Say 5.000 each @ Rs 3722.36 / each	<b>Rs 18611.80</b>
20	od156628/2019_2020 Providing and fixing CI Non Return Valve, Conforming to IS 5312 Part I - 1984, PN 1.6, Size 100mm.									
			4							4.000
									Total Quantity	4.000 each
									Total Deducted Quantity	0.000 each
									Net Total Quantity	4.000 each
									Say 4.000 each @ Rs 8495.85 / each	<b>Rs 33983.40</b>
21	18.32.1 Other Engineering Organisations 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									
			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 1777.60 / each	<b>Rs 3555.20</b>
22	od126492/2019_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.									
			1	315.000			0.0382			12.033
									Total Quantity	12.033 cum

								Total Deducted Quantity	0.000 cum
								Net Total Quantity	12.033 cum
								Say 12.033 cum @ Rs 6259.29 / cum	<b>Rs 75318.04</b>
23	od156660/2019_2020 Supply installation testing and commissioning of Pentair Vessales make or approved equivalent water treatment plant 6000 LPH capacity with Pressure Sand filter, Activated Carbon 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 raw water quality and the direction of engineer in charge (Motor make CG or Kirloskar)								
		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 292684.06 / each	<b>Rs 292684.06</b>
24	od126494/2019_2020 Supply ,Installation testing and commissioning of Kirloskar make model KAS 83 or approved equivalent 7.5HP, 3 phase ,40m head 8.5 LPS capacity transfer pump including all accessories.								
		4							4.000
								Total Quantity	4.000 each
								Total Deducted Quantity	0.000 each
								Net Total Quantity	4.000 each
								Say 4.000 each @ Rs 40650.65 / each	<b>Rs 162602.60</b>
25	od126495/2019_2020 Supply ,Installation testing and commissioning of Kirloskar make model KS4E 3012 or approved equivalent 3HP, Single phase ,average 92m head 7200 LPH capacity bore well submersible pump including all accessories.								
		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 14728.73 / each	<b>Rs 29457.46</b>
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>9 EXTERNAL SEWERAGE SYSTEM</b>									
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								
		1	68.000				68.000		

		Total Quantity					68.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					68.000 metre	
		Say 68.000 metre @ Rs 451.80 / metre					<b>Rs 30722.40</b>	
2	50.18.9.10.1	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. 150 mm dia 6 Kgf/cm2						
		1	510.000				510.000	
		Total Quantity					510.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					510.000 metre	
		Say 510.000 metre @ Rs 828.65 / metre					<b>Rs 422611.50</b>	
3	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						
		16					16.000	
		Total Quantity					16.000 each	
		Total Deducted Quantity					0.000 each	
		Net Total Quantity					16.000 each	
		Say 16.000 each @ Rs 12839.77 / each					<b>Rs 205436.32</b>	
4	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						
		14					14.000	
		Total Quantity					14.000 each	

						Total Deducted Quantity	0.000 each
						Net Total Quantity	14.000 each
						Say 14.000 each @ Rs 27395.95 / each	<b>Rs 383543.30</b>
5	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					
		16	0.150				2.400
						Total Quantity	2.400 metre
						Total Deducted Quantity	0.000 metre
						Net Total Quantity	2.400 metre
						Say 2.400 metre @ Rs 8504.13 / metre	<b>Rs 20409.91</b>
6	19.8.2.1	Extra for depth for manholesSize 120x90 cmWith common burnt clay F.P.S. ( non modular ) bricks of class designation 7.5					
		14	0.150				2.100
						Total Quantity	2.100 metre
						Total Deducted Quantity	0.000 metre
						Net Total Quantity	2.100 metre
						Say 2.100 metre @ Rs 10187.68 / metre	<b>Rs 21394.13</b>
7	od126492/2019_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.					
		1	68.000		0.0581		3.951
		1	510.000		0.076		38.760
						Total Quantity	42.711 cum
						Total Deducted Quantity	0.000 cum
						Net Total Quantity	42.711 cum
						Say 42.711 cum @ Rs 6259.29 / cum	<b>Rs 267340.54</b>
8	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.					
		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 3147.30 / each						<b>Rs 3147.30</b>	
9	od156661/2019_2020 Supplying and installing ready made reinforced concrete Septic tank for 100 users cylindrical shape 5000L(1.60m dia x 2.50m long) 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)							
		6					6.000	
	Total Quantity						6.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						6.000 each	
	Say 6.000 each @ Rs 52495.61 / each						<b>Rs 314973.66</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>10 RAIN WATER DRAINAGE</b>								
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							
		1	38.000				38.000	
	Total Quantity						38.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						38.000 metre	
	Say 38.000 metre @ Rs 451.80 / metre						<b>Rs 17168.40</b>	
2	50.18.9.10.1 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. 150 mm dia 6 Kgf/cm2							
		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 828.65 / metre						<b>Rs 314887.00</b>	
3	od126612/2019_2020 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. 200 mm dia 6 Kgf/cm2							
		1	20.000				20.000	
	Total Quantity						20.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						20.000 metre	

	Say 20.000 metre @ Rs 1417.01 / metre						<b>Rs 28340.20</b>	
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							
		16					16.000	
	Total Quantity						16.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						16.000 each	
	Say 16.000 each @ Rs 12839.77 / each						<b>Rs 205436.32</b>	
5	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							
		16	0.150				2.400	
	Total Quantity						2.400 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						2.400 metre	
	Say 2.400 metre @ Rs 8504.13 / metre						<b>Rs 20409.91</b>	
6	od126492/2019_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	38.000		0.0581		2.208	
	160mm dia	1	134.000		0.076		10.184	
	200mm dia	1	258.000		0.091		23.478	
	Total Quantity						35.870 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						35.870 cum	
	Say 35.870 cum @ Rs 6259.29 / cum						<b>Rs 224520.73</b>	
7	od126613/2019_2020 Supply all material and construct RCC rain water filtration tank cum collection tank of overall size 5.1x2.65x1.60m 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 244844.48 / each							<b>Rs 244844.48</b>	
8	od126614/2019_2020 Supply ,Installation testing and commissioning of Kirloskar make model KOS 527+ or approved equivalent 5HP, 3 phase ,18m head 13.5 LPS capacity submersible pump including all accessories.								
		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 22873.00 / each							<b>Rs 45746.00</b>	
9	od126615/2019_2020 Making Rain Water Recharge pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and PVC 10Kg/cm2. drain pipe 160 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5								
		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 30914.54 / each							<b>Rs 92743.62</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>11 SIGNAGE AND BOARDS</b>									
1	od182655/2019_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	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 11770.64 / each						<b>Rs 35311.92</b>
2	od182656/2019_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 class room	30	35.000	7.600			7980.000
	In workshop	12	35.000	7.600			3192.000
	Total Quantity						11172.000 sqcm
	Total Deducted Quantity						0.000 sqcm
	Net Total Quantity						11172.000 sqcm
	Say 11172.000 sqcm @ Rs 0.69 / sqcm						<b>Rs 7708.68</b>
3	od182657/2019_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	18	40.000	10.200			7344.000
		12	50.800	20.300			12374.881
	Total Quantity						19718.881 sqcm
	Total Deducted Quantity						0.000 sqcm
	Net Total Quantity						19718.881 sqcm
	Say 19718.881 sqcm @ Rs 0.70 / sqcm						<b>Rs 13803.22</b>
4	od182658/2019_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.						
	In main building	5	120.000	30.000			18000.000
	Gate	1	300.000	60.000			18000.000
	Total Quantity						36000.000 sqcm
	Total Deducted Quantity						0.000 sqcm
	Net Total Quantity						36000.000 sqcm
	Say 36000.000 sqcm @ Rs 1.22 / sqcm						<b>Rs 43920.00</b>

5	od183192/2019_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.							
	In main building	5	120.000	30.000		0.85	15300.000	
	Gate	1	300.000	60.000		0.85	15300.000	
	Total Quantity						30600.000 sqcm	
	Total Deducted Quantity						0.000 sqcm	
	Net Total Quantity						30600.000 sqcm	
	Say 30600.000 sqcm @ Rs 1.60 / sqcm						<b>Rs 48960.00</b>	
6	od182660/2019_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.							
		18	35.000	7.500			4725.000	
	Total Quantity						4725.000 sqcm	
	Total Deducted Quantity						0.000 sqcm	
	Net Total Quantity						4725.000 sqcm	
	Say 4725.000 sqcm @ Rs 0.69 / sqcm						<b>Rs 3260.25</b>	
7	od182661/2019_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							
	Main building	3					3.000	
	Admin building	2					2.000	
	Total Quantity						5.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						5.000 each	
	Say 5.000 each @ Rs 1884.96 / each						<b>Rs 9424.80</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>12 ANNEXURE 1 : FURNITURE FOR MAIN BUILDING, HOSTEL AND UPDRADATION OF EXISTING CLASS ROOMS(EST.NO:2019/12725)</b>								
Lump-Sum Total						<b>Rs 10616039.00</b>		
SI No	Description	No	L	B	D	CF	Quantity	

Remark	<b>13 ANNEXURE 2 : ELECTRICAL WORKS, HVAC WORKS AND FIRE FIGHTING WORKS(EST.NO:2019/12726)</b>							
Lump-Sum Total							<b>Rs 23227938.00</b>	
	SI No	Description	No	L	B	D	CF	Quantity
Remark	<b>14 LIFT FOR MAIN BUILDING (1 NO - 20 PASSENGER))</b>							
Lump-Sum Total							<b>Rs 2000000.00</b>	
	SI No	Description	No	L	B	D	CF	Quantity
Remark	<b>15 CONTINGENCIES</b>							
Lump-Sum Total							<b>Rs 1511864.00</b>	
Provision for GST payments (in %) @							<b>12.0%</b>	
Amount reserved for GST payments							<b>22385068.47</b>	
Total							<b>208927305.47</b>	
Lumpsum for round off							<b>0.00</b>	
<b>TOTAL Rs 208927305.47</b>								
<b>Rounded Total Rs 20,89,27,305</b>								
Rupees Twenty Crore Eighty Nine Lakh Twenty Seven Thousand Three Hundred and Five Only								

(Cost Index Applied for this estimate is 48.71%)

Other Engineering Organisations

**PRICE**