

TS Register No: 51/2020-2021

AS Register No:60/2020-2021

**UP GRADATION OF GOVT ITI KATTAPPANA 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 ACADEMIC BLOCK PILING WORKS</b>								
1	od266001/2019_2020 Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by percussion drilling using Direct mud circulation (DMC) or Bailer and chisel technique by tripod and mechanical Winch Machine all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap). 700 mm dia piles.							
	P1	67	12.700				850.900	
	P2	8	12.700				101.600	
							Total Quantity	952.500 metre
							Total Deducted Quantity	0.000 metre
							Net Total Quantity	952.500 metre
							Say 952.500 metre @ Rs 4748.60 / metre	<b>Rs 4523041.50</b>
2	od8684/2020_2021 Vertical load testing of piles in accordance with IS 2911( Part IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc.complete as per specification & the direction of engineer -in-Charge. Single pile above 100 tonne and up to 153 tonne capacity, Initial test 153x2.5 times = 382 MT, using concrete block for kentledge.							
		1					1.000	
							Total Quantity	1.000 per test
							Total Deducted Quantity	0.000 per test
							Net Total Quantity	1.000 per test
							Say 1.000 per test @ Rs 69608.85 / per test	<b>Rs 69608.85</b>
3	od8688/2020_2021 Vertical load testing of piles in accordance with IS 2911( Part IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc.complete as per specification & the direction of engineer -in-Charge. Single pile above 100 tonne and up to 153 tonne capacity, static Routine test 153x1.5 times = 230 MT, using concrete block for kentledge.							

		1					1.000	
	Total Quantity						1.000	per test
	Total Deducted Quantity						0.000	per test
	Net Total Quantity						1.000	per test
	Say 1.000 per test @ Rs 39727.13 / per test						<b>Rs 39727.13</b>	
4	<p>20.9 Integrity testing of pile using Low Strain / Sonic Integrity Test/ Sonic Echo Test method in accordance with IS 14893 including surface preparation of pile top by removing soil, mud, dust &amp; chipping lean concrete lumps etc. and use of computerised equipment and high skill trained personal for conducting the test &amp; submission of results, all complete as per direction of Engineer-in-charge. Note:- The inclusion of the above item in the schedule of work shall be judiciously decided by the technical sanctioning authority, keeping in view the quality control, type of soil strata &amp; importance of the project.</p>							
		1					1.000	
	Total Quantity						1.000	per test
	Total Deducted Quantity						0.000	per test
	Net Total Quantity						1.000	per test
	Say 1.000 per test @ Rs 1116.74 / per test						<b>Rs 1116.74</b>	
5	<p>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</p>							
	P1	67/4	12.700	.7*.7	3.140	79.0	25856.597	
	P2	8/4	12.700	.7*.7	3.140	97.0	3790.803	
	Total Quantity						29647.400	kilogram
	Total Deducted Quantity						0.000	kilogram
	Net Total Quantity						29647.400	kilogram
	Say 29647.400 kilogram @ Rs 84.17 / kilogram						<b>Rs 2495421.66</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>2 ACADEMIC BLOCK CIVIL WORKS</b>								
1	<p>2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil</p>							
	<b>PILE CAP</b>							
	PC1	41	1.600	1.600	1.150		120.705	
	PC2	13	2.800	1.600	1.200		69.888	
	PC3	6	1.700	1.600	1.150		18.768	

	PC4	1	3.100	1.700	1.150		6.061	
	Grade beam B5	1	9.500	0.700	0.300		1.995	
	Total Quantity						217.417 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						217.417 cum	
	Say 217.417 cum @ Rs 247.45 / cum						<b>Rs 53799.84</b>	
2	15.3 Demolishing R.C.C. work manually / by mechanical means including stacking of steel bars and disposal of unserviceable material with in 50 metres lead as per direction of Engineer -in-Charge.							
	PILE CHIPPING							
		75/4	3.140	.7*.7	0.725		20.916	
	Total Quantity						20.916 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						20.916 cum	
	Say 20.916 cum @ Rs 2163.06 / cum						<b>Rs 45242.56</b>	
3	15.60 Disposal of building rubbish/ malba/ similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved							
	PILE CHIPPING							
		75/4	3.140	.7*.7	0.725		20.916	
	Total Quantity						20.916 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						20.916 cum	
	Say 20.916 cum @ Rs 179.27 / cum						<b>Rs 3749.61</b>	
4	od8689/2020_2021 Providing 10cm to 20cm thick soling using boulders, aggregate, waste crusher sand, pile chipping material, to stabilize excavated soil and prepare the excavated surface for laying PCC complete with all materials, labour, machinery and tools, as specified and directed by the Engineer In charge.							
	SOLING UNDER PILE CAP							
	PC1	41	1.200	1.200	0.200		11.808	
	PC2	13	2.400	1.200	0.200		7.488	
	PC3	6	1.300	1.200	0.200		1.873	
	PC4	1	2.700	1.300	0.200		0.703	
	DEDUCE PILE AREA	-75/4	3.140	.7*.7	0.200		-5.769	

							Total Quantity	16.103 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	16.103 cum
							Say 16.103 cum @ Rs 2529.06 / cum	<b>Rs 40725.45</b>
5	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.						
		EXCAVATION FOR PILE CAP						
	PC1	41	1.600	1.600	1.150			120.705
	PC2	13	2.800	1.600	1.200			69.888
	PC3	6	1.700	1.600	1.150			18.768
	PC4	1	3.100	1.700	1.150			6.061
	Grade beam B5	1	9.500	0.700	0.300			1.995
		DEDUCE PCC UNDER PILE CAP						
	PC1	41	1.200	1.200	0.150			-8.856
	PC2	13	2.400	1.200	0.150			-5.616
	PC3	6	1.300	1.200	0.150			-1.404
	PC4	1	2.700	1.300	0.150			-0.526
		DEDUCE PILE CAP						
	PC1	41	1.000	1.000	0.800			-32.800
	PC2	13	2.200	1.000	0.850			-24.310
	PC3	6	1.100	1.000	0.800			-5.280
	PC4	1	2.500	1.100	0.800			-2.200
		DEDUCE SOLING UNDER PILE CAP						
	PC1	41	1.200	1.200	0.200			-11.808
	PC2	13	2.400	1.200	0.200			-7.488
	PC3	6	1.300	1.200	0.200			-1.872
	PC4	1	2.700	1.300	0.200			-0.702
		PLINTH FILLING BELOW GRADE SLAB						
		2	4.350	5.300	0.300			13.833
		3	4.900	5.300	0.300			23.373
		1	6.500	5.300	0.300			10.335
		1	2.100	5.300	0.300			3.339

		1	2.500	2.300	0.300		1.725	
		1	2.500	2.700	0.300		2.025	
		1	2.200	2.400	0.300		1.584	
		1	2.800	2.400	0.300		2.016	
		1	4.350	5.000	0.300		6.525	
		1	4.900	5.000	0.300		7.350	
		1	6.500	5.000	0.300		9.750	
		1	5.450	5.000	0.300		8.175	
		1	5.700	5.000	0.300		8.550	
		3	0.900	1.300	0.300		1.054	
		1	2.300	3.400	0.300		2.346	
		1	1.200	2.600	0.300		0.936	
		2	1.100	2.400	0.300		1.584	
		1	3.900	3.000	0.300		3.510	
		1	4.350	3.000	0.300		3.915	
		1	7.450	3.000	0.300		6.705	
		1	7.000	3.000	0.300		6.300	
		1	6.600	3.000	0.300		5.940	
		1	9.000	3.000	0.300		8.100	
		1	6.700	3.000	0.300		6.030	
		1	6.100	5.600	0.300		10.248	
		1	5.700	5.600	0.300		9.576	
		1	2.600	5.600	0.300		4.368	
		1	3.000	5.600	0.300		5.040	
		2	4.800	5.600	0.300		16.128	
		1	1.500	5.600	0.300		2.520	
		1	5.000	5.600	0.300		8.400	
		1	3.700	5.600	0.300		6.216	
		4	2.400	1.420	0.300		4.090	
		1	1.200	5.600	0.300		2.016	
		1	6.100	5.700	0.300		10.431	
		1	5.700	5.700	0.300		9.747	
		1	5.200	5.700	0.300		8.892	

		1	3.000	5.700	0.300		5.130		
		1	4.800	5.700	0.300		8.208		
		1	1.500	5.700	0.300		2.565		
		1	5.000	5.700	0.300		8.550		
		2	2.250	1.300	0.300		1.756		
		1	2.300	3.000	0.300		2.070		
		1	2.900	3.850	0.300		3.350		
		2	1.600	2.400	0.300		2.304		
		2	1.800	2.400	0.300		2.592		
		1	3.300	3.850	0.300		3.812		
		1	2.300	5.550	0.300		3.830		
		4	1.300	1.000	0.300		1.560		
		1	1.600	3.550	0.300		1.704		
	RAMP	1	4.000	4.800	0.300		5.760		
		Total Quantity					513.280 cum		
		Total Deducted Quantity					-102.862 cum		
		Net Total Quantity					410.418 cum		
		Other Engineering Say 410.418 cum @ Rs 187.00 / cum					<b>Rs 76748.17</b>		
6	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)							
		<b>PCC UNDER GRADE BEAM</b>							
	B1(GRID 1-K)	1	36.600	0.500	0.100		1.830		
	B2(GRID 3-3)	1	33.600	0.500	0.100		1.681		
	B2(GRID 4-4)	1	39.050	0.500	0.100		1.953		
	B3(GRID 1-K)	1	70.970	0.500	0.100		3.549		
	B4(GRID 1-1)	1	42.650	0.500	0.100		2.133		
	B4(GRID 2-2)	1	51.560	0.500	0.100		2.579		
	B4(GRID 5-5)	1	33.240	0.500	0.100		1.663		
	B4(GRID 6-6)	1	42.350	0.500	0.100		2.118		
	B4(GRID 3-3)	1	5.700	0.500	0.100		0.286		
	B4(GRID 4-4)	1	5.700	0.500	0.100		0.286		
	B4(GRID A-A)	1	19.930	0.500	0.100		0.997		

	B4(GRID B-B)	1	20.110	0.500	0.100		1.006	
	B4(GRID C-C)	1	21.640	0.500	0.100		1.082	
	B4(GRID D-D)	1	9.200	0.500	0.100		0.460	
	B4(GRID E-E)	1	20.750	0.500	0.100		1.038	
	B4(GRID F-F)	1	30.990	0.500	0.100		1.550	
	B4(GRID G-G)	1	10.310	0.500	0.100		0.516	
	B4(GRID H-H)	1	20.830	0.500	0.100		1.042	
	B4(GRID I-I)	1	21.390	0.500	0.100		1.070	
	B4(GRID J-J)	1	24.110	0.500	0.100		1.206	
	B4(GRID K-K)	1	8.000	0.500	0.100		0.400	
	B4(GRID 7-8)	1	23.220	0.500	0.100		1.161	
	B5(GRID G-G)	1	9.500	0.500	0.100		0.476	
	B6(GRID 5-5)	1	11.610	0.500	0.100		0.581	
	PCC BELOW GRADE SLAB							
		2	4.350	5.300	0.100		4.611	
		3	4.900	5.300	0.100		7.792	
		1	6.500	5.300	0.100		3.445	
		1	2.100	5.300	0.100		1.114	
		1	2.500	2.300	0.100		0.576	
		1	2.500	2.700	0.100		0.675	
		1	2.200	2.400	0.100		0.528	
		1	2.800	2.400	0.100		0.672	
		1	4.350	5.000	0.100		2.176	
		1	4.900	5.000	0.100		2.450	
		1	6.500	5.000	0.100		3.250	
		1	5.450	5.000	0.100		2.725	
		1	5.700	5.000	0.100		2.850	
		3	0.900	1.300	0.100		0.352	
		1	2.300	3.400	0.100		0.782	
		1	1.200	2.600	0.100		0.313	
		2	1.100	2.400	0.100		0.528	
		1	3.900	3.000	0.100		1.170	
		1	4.350	3.000	0.100		1.305	

		1	7.450	3.000	0.100		2.236	
		1	7.000	3.000	0.100		2.100	
		1	6.600	3.000	0.100		1.980	
		1	9.000	3.000	0.100		2.700	
		1	6.700	3.000	0.100		2.011	
		1	6.100	5.600	0.100		3.416	
		1	5.700	5.600	0.100		3.192	
		1	2.600	5.600	0.100		1.456	
		1	3.000	5.600	0.100		1.680	
		2	4.800	5.600	0.100		5.376	
		1	1.500	5.600	0.100		0.840	
		1	5.000	5.600	0.100		2.801	
		1	3.700	5.600	0.100		2.072	
		4	2.400	1.420	0.100		1.364	
		1	1.200	5.600	0.100		0.672	
		1	6.100	5.700	0.100		3.477	
		1	5.700	5.700	0.100		3.250	
		1	5.200	5.700	0.100		2.965	
		1	3.000	5.700	0.100		1.711	
		1	4.800	5.700	0.100		2.736	
		1	1.500	5.700	0.100		0.856	
		1	5.000	5.700	0.100		2.850	
		2	2.250	1.300	0.100		0.586	
		1	2.300	3.000	0.100		0.690	
		1	2.900	3.850	0.100		1.117	
		2	1.600	2.400	0.100		0.768	
		2	1.800	2.400	0.100		0.865	
		1	3.300	3.850	0.100		1.271	
		1	2.300	5.550	0.100		1.277	
		4	1.300	1.000	0.100		0.520	
		1	1.600	3.550	0.100		0.568	
	RAMP	1	4.000	4.800	0.150		2.880	
PCC UNDER PILE CAP								



	PC1	41	1.200	1.200	0.150		8.856		
	PC2	13	2.400	1.200	0.150		5.616		
	PC3	6	1.300	1.200	0.150		1.404		
	PC4	1	2.700	1.300	0.150		0.527		
	DEDUCE PILE AREA	-75/4	3.140	.7*.7	0.150		-4.327		
	PCC FOR RAMP								
	WORKSHOP	1	5.430	3.950	0.200		4.290		
	FRONT	1	4.530	0.400	0.200		0.363		
	Total Quantity						146.989 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						146.989 cum		
	Say 146.989 cum @ Rs 6659.46 / cum						<b>Rs 978867.37</b>		
7	4.1.4 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 )1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)								
	PCC FOR RAMP								
	WORKSHOP	1	6.050	5.000	0.150		4.538		
	FRONT	1	5.140	1.000	0.150		0.771		
	Total Quantity						5.309 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						5.309 cum		
	Say 5.309 cum @ Rs 8016.14 / cum						<b>Rs 42557.69</b>		
8	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns								
	PCC UNDER GRADE BEAM								
	B1(GRID 1-K)	1*2	36.600		0.100		7.320		
	B2(GRID 3-3)	1*2	33.600		0.100		6.721		
	B2(GRID 4-4)	1*2	39.050		0.100		7.810		
	B3(GRID 1-K)	1*2	70.970		0.100		14.194		
	B4(GRID 1-1)	1*2	42.650		0.100		8.530		
	B4(GRID 2-2)	1*2	51.560		0.100		10.313		
	B4(GRID 5-5)	1*2	33.240		0.100		6.649		

	B4(GRID 6-6)	1*2	42.350		0.100		8.470		
	B4(GRID 3-3)	1*2	5.700		0.100		1.141		
	B4(GRID 4-4)	1*2	5.700		0.100		1.141		
	B4(GRID A-A)	1*2	19.930		0.100		3.986		
	B4(GRID B-B)	1*2	20.110		0.100		4.023		
	B4(GRID C-C)	1*2	21.640		0.100		4.328		
	B4(GRID D-D)	1*2	9.200		0.100		1.840		
	B4(GRID E-E)	1*2	20.750		0.100		4.150		
	B4(GRID F-F)	1*2	30.990		0.100		6.198		
	B4(GRID G-G)	1*2	10.310		0.100		2.063		
	B4(GRID H-H)	1*2	20.830		0.100		4.166		
	B4(GRID I-I)	1*2	21.390		0.100		4.279		
	B4(GRID J-J)	1*2	24.110		0.100		4.822		
	B4(GRID K-K)	1*2	8.000		0.100		1.600		
	B4(GRID 7-8)	1*2	23.220		0.100		4.644		
	B5(GRID G-G)	1*2	9.500		0.100		1.901		
	B6(GRID 5-5)	1*2	11.610		0.100		2.322		
	Other SIDE FORM WORK PCC UNDER PILE CAP								
	PC1	41	4.800		0.150		29.520		
	PC2	13	7.200		0.150		14.041		
	PC3	6	5.000		0.150		4.500		
	PC4	1	8.000		0.150		1.200		
	Total Quantity						171.872 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						171.872 sqm		
	Say 171.872 sqm @ Rs 288.42 / sqm						<b>Rs 49571.32</b>		
9	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							
	GRADE BEAM								

	B1(GRID 1-K)	1	36.600	0.300	0.100		1.098	
	B2(GRID 3-3)	1	33.600	0.300	0.250		2.520	
	B2(GRID 4-4)	1	39.050	0.300	0.250		2.929	
	B3(GRID 1-K)	1	70.970	0.300	0.250		5.323	
	B4(GRID 1-1)	1	42.650	0.300	0.400		5.118	
	B4(GRID 2-2)	1	51.560	0.300	0.400		6.188	
	B4(GRID 5-5)	1	33.240	0.300	0.400		3.989	
	B4(GRID 6-6)	1	42.350	0.300	0.400		5.083	
	B4(GRID 3-3)	1	5.700	0.300	0.400		0.684	
	B4(GRID 4-4)	1	5.700	0.300	0.400		0.684	
	B4(GRID A-A)	1	19.930	0.300	0.400		2.392	
	B4(GRID B-B)	1	20.110	0.300	0.400		2.414	
	B4(GRID C-C)	1	21.640	0.300	0.400		2.597	
	B4(GRID D-D)	1	9.200	0.300	0.400		1.104	
	B4(GRID E-E)	1	20.750	0.300	0.400		2.490	
	B4(GRID F-F)	1	30.990	0.300	0.400		3.719	
	B4(GRID G-G)	1	10.310	0.300	0.400		1.238	
	B4(GRID H-H)	1	20.830	0.300	0.400		2.500	
	B4(GRID I-I)	1	21.390	0.300	0.400		2.567	
	B4(GRID J-J)	1	24.110	0.300	0.400		2.894	
	B4(GRID K-K)	1	8.000	0.300	0.400		0.960	
	B4(GRID 7-8)	1	23.220	0.300	0.400		2.787	
	B5(GRID G-G)	1	9.500	0.300	0.600		1.710	
	B6(GRID 5-5)	1	11.610	0.300	0.400		1.394	
	GRADE SLAB							
	S1	1	5.700	27.300	0.200		31.123	
		1	5.600	7.100	0.200		7.952	
		1	5.600	2.900	0.200		3.248	
		1	42.800	5.600	0.200		47.936	
		1	6.000	9.000	0.200		10.800	
		1	9.200	3.000	0.200		5.520	
		1	5.900	12.400	0.200		14.633	
		1	5.900	20.600	0.200		24.309	

		1	3.500	4.000	0.200		2.801	
		1	6.300	26.300	0.200		33.138	
		1	5.100	4.400	0.200		4.488	
		1	5.300	6.300	0.200		6.679	
		1	4.000	3.900	0.200		3.120	
	S2	1	2.800	5.600	0.200		3.136	
		1	2.700	5.600	0.200		3.024	
		1	4.200	6.900	0.200		5.797	
		1	4.200	6.500	0.200		5.461	
		1	1.900	5.700	0.200		2.166	
		1	4.000	4.800	0.200		3.840	
		1	8.000	1.900	0.200		3.040	
		1	5.100	1.900	0.200		1.938	
		1	2.100	6.300	0.200		2.647	
		1	2.600	5.900	0.200		3.069	
	S3	1	37.900	3.000	0.200		22.740	
		1	3.200	5.900	0.200		3.777	
		1	2.300	5.600	0.200		2.576	
Other Engineering Organizations								
PRICE								
	PC1	41	1.000	1.000	0.800		32.801	
	PC2	13	2.200	1.000	0.850		24.311	
	PC3	6	1.100	1.000	0.800		5.281	
	PC4	1	2.500	1.100	0.800		2.200	
STUB COLUMN								
	C1	8	0.300	0.500	0.600		0.720	
	C2	6	0.300	0.500	0.600		0.540	
	C3	12	0.300	0.600	0.600		1.296	
	C4	5	0.300	0.600	0.600		0.540	
	C5	3	0.300	0.600	0.600		0.324	
	C6	15	0.400	0.600	0.600		2.160	
	C7	3	0.400	0.600	0.600		0.432	
	C8	1	0.400	0.600	0.600		0.144	
	C9	2	0.400	0.600	0.600		0.288	

	C10	6	0.400	0.600	0.600		0.864	
	Total Quantity						395.241 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						395.241 cum	
	Say 395.241 cum @ Rs 9586.59 / cum						<b>Rs 3789013.42</b>	
10	<p>5.33.2          Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level</p>							
	GROUND FLOOR COLUMNS							
	C1	8	0.300	0.500	4.500		5.400	
	C2	6	0.300	0.500	4.500		4.050	
	C3	12	0.300	0.600	4.500		9.720	
	C4	5	0.300	0.600	4.500		4.050	
	C5	3	0.300	0.600	4.500		2.430	
	C6	15	0.400	0.600	4.500		16.201	
	C7	3	0.400	0.600	4.500		3.240	
	C8	1	0.400	0.600	4.500		1.080	
	C9	2	0.400	0.600	4.500		2.160	
	C10	6	0.400	0.600	4.500		6.480	
	GROUND FLOOR ROOF BEAMS							
	B1(GRID 1-1)	1	3.700	0.300	0.300		0.333	
		1	3.900	0.300	0.300		0.351	
		1	3.980	0.300	0.300		0.359	
		1	4.670	0.300	0.300		0.421	
	B2(GRID 1-1)	3	4.600	0.300	0.300		1.242	
	B3(GRID 1-1)	1	6.420	0.300	0.300		0.578	
		1	4.700	0.300	0.300		0.423	
	B4(GRID 2-2)	1	3.900	0.300	0.450		0.527	
	B5(GRID 2-2)	1	8.800	0.300	0.450		1.189	

		1	10.000	0.300	0.450		1.350	
		1	10.120	0.300	0.450		1.367	
	B6(GRID 2-2)	1	12.100	0.300	0.300		1.089	
	B7(GRID 3-3)	1	3.800	0.300	0.300		0.342	
		1	4.030	0.300	0.300		0.363	
		1	4.150	0.300	0.300		0.374	
		1	4.700	0.300	0.300		0.423	
	B8(GRID 3-3)	1	4.700	0.300	0.300		0.423	
		1	4.680	0.300	0.300		0.422	
		1	4.720	0.300	0.300		0.425	
	B9(GRID 3-3)	1	6.280	0.300	0.300		0.566	
		1	5.220	0.300	0.300		0.470	
	B10(GRID 4-4)	1	3.700	0.300	0.300		0.333	
		1	5.880	0.300	0.300		0.530	
		1	5.520	0.300	0.300		0.497	
		1	5.100	0.300	0.300		0.459	
	B11(GRID 4-4)	1	2.890	0.300	0.300		0.261	
	B12(GRID 4-4)	1	4.620	0.300	0.300		0.416	
		1	6.270	0.300	0.300		0.565	
		1	4.540	0.300	0.300		0.409	
		1	3.660	0.300	0.300		0.330	
	B13(GRID 4-5)	1	5.200	0.300	0.300		0.468	
	B14(GRID 4-5)	1	21.010	0.300	0.300		1.891	
	B15(GRID 5-5)	1	12.000	0.300	0.450		1.620	
		1	5.200	0.300	0.450		0.703	
	B16(GRID 5-5)	1	3.000	0.300	0.300		0.270	
		1	11.700	0.300	0.300		1.053	
	B17(GRID 5-5)	1	8.800	0.300	0.450		1.189	
	B18(GRID 6-6)	1	3.700	0.300	0.300		0.333	
		1	5.580	0.300	0.300		0.503	
		1	5.320	0.300	0.300		0.479	
		1	5.050	0.300	0.300		0.455	
	B19(GRID 6-6)	1	2.950	0.300	0.450		0.399	

	B20(GRID 6-6)	1	6.400	0.300	0.300		0.576	
		1	4.600	0.300	0.300		0.414	
		1	3.700	0.300	0.300		0.333	
	B21(GRID 7-7)	1	7.400	0.300	0.300		0.666	
	B22(GRID 8-8)	1	3.100	0.300	0.300		0.279	
		1	3.100	0.300	0.300		0.279	
	B23(GRID 1-2)	5	1.310	0.300	0.150		0.295	
	B24(GRID 2-2)	1	3.900	0.300	0.300		0.351	
	B25(GRID 5-6)	2	1.300	0.300	0.150		0.117	
	B26(GRID 6-6)	1	3.800	0.300	0.450		0.513	
	B27(GRID 5-6)	1	3.800	0.300	0.450		0.513	
	B28(GRID 4-4)	1	5.700	0.300	0.300		0.513	
	B29(GRID 3-3)	1	5.700	0.300	0.300		0.513	
	B30(GRID 2-2)	1	5.700	0.300	0.300		0.513	
	B31(GRID 4-1)	1	3.000	0.300	0.300		0.270	
		1	4.700	0.300	0.300		0.423	
		1	5.100	0.300	0.300		0.459	
	B32(GRID 4-6)	1	5.000	0.300	0.300		0.450	
		1	5.500	0.300	0.300		0.495	
	B33(GRID 1-2)	1	6.220	0.300	0.300		0.560	
	B34(GRID 2-3)	1	3.780	0.300	0.300		0.341	
	B35(GRID 4-5)	1	5.420	0.300	0.300		0.488	
	B36(GRID 5-6)	1	5.580	0.300	0.150		0.252	
	B37(GRID 4-1)	1	5.000	0.300	0.300		0.450	
		1	4.700	0.300	0.450		0.635	
		1	3.000	0.300	0.450		0.405	
	B38(GRID 4-6)	1	4.800	0.300	0.450		0.648	
		1	5.700	0.300	0.450		0.770	
	B39(GRID C-C)	1	10.200	0.300	0.300		0.918	
		1	3.000	0.300	0.300		0.270	
	B40(GRID C-C)	1	5.500	0.300	0.300		0.495	
	B41(GRID 5-6)	1	5.700	0.300	0.300		0.513	
	B42(GRID D-D)	1	4.700	0.300	0.300		0.423	

		1	5.000	0.300	0.300		0.450	
	B43(GRID E-E)	1	10.200	0.300	0.300		0.918	
	B44(GRID 4-6)	1	5.700	0.300	0.450		0.770	
		1	5.100	0.300	0.450		0.689	
	B45(GRID 4-6)	1	5.700	0.300	0.450		0.770	
		1	5.100	0.300	0.450		0.689	
	B46(GRID 4-1)	1	3.000	0.300	0.300		0.270	
		1	4.700	0.300	0.300		0.423	
		1	4.800	0.300	0.300		0.432	
	B47(GRID 5-6)	1	5.700	0.300	0.300		0.513	
	B48(GRID 1-3)	1	10.300	0.300	0.300		0.927	
	B49(GRID 3-6)	1	10.800	0.300	0.450		1.459	
	B50(GRID 1-3)	1	4.800	0.300	0.300		0.432	
		1	4.700	0.300	0.300		0.423	
	B51(GRID 6-4)	1	5.400	0.300	0.300		0.486	
	B52(GRID I-I)	1	10.300	0.300	0.450		1.391	
	B53(GRID 6-6)	1	4.700	0.300	0.300		0.423	
	B54(GRID 5-6)	1	5.100	0.300	0.300		0.459	
		1	5.400	0.300	0.300		0.486	
	B55(GRID 2-4)	1	4.750	0.300	0.300		0.428	
		1	2.900	0.300	0.300		0.261	
	B56(GRID 2-4)	1	4.750	0.300	0.300		0.428	
		1	2.700	0.300	0.300		0.243	
	B57(GRID 6-8)	1	1.580	0.300	0.300		0.143	
		1	4.510	0.300	0.300		0.406	
	B58(GRID 6-8)	1	6.400	0.300	0.300		0.576	
	B59(GRID 6-8)	1	1.580	0.300	0.450		0.214	
		1	4.510	0.300	0.450		0.609	
	B60(GRID 4-5)	1	5.100	0.300	0.450		0.689	
	B61(GRID 4-5)	1	4.500	0.300	0.450		0.608	
	B62(GRID 4-6)	1	11.000	0.300	0.300		0.990	
	B63(GRID 4-3)	1	3.000	0.300	0.300		0.270	
	B64(GRID 4-3)	1	3.000	0.300	0.300		0.270	



	B65(GRID 4-3)	1	3.000	0.300	0.300		0.270	
	GROUND FLOOR ROOF SLAB							
	S1	1	42.800	11.190	0.150		71.840	
		1	6.000	3.490	0.150		3.141	
		1	5.600	9.600	0.150		8.064	
		1	6.290	21.600	0.150		20.380	
		1	5.300	5.600	0.150		4.452	
		1	12.700	11.900	0.150		22.670	
		1	5.720	2.600	0.150		2.231	
		1	8.850	3.300	0.150		4.381	
		1	3.000	4.370	0.150		1.967	
	PORCH S1	1	8.000	5.410	0.150		6.492	
		-1	7.700	6.000	0.150		-6.930	
	S2	1	7.700	6.000	0.150		6.931	
		1	2.300	1.120	0.150		0.387	
	S4	1	1.910	5.660	0.150		1.622	
		1	1.200	4.380	0.150		0.789	
		1	1.600	5.700	0.150		1.368	
		1	4.200	6.180	0.150		3.894	
		1	5.200	5.900	0.150		4.602	
		1	3.300	6.290	0.150		3.114	
		1	8.000	1.590	0.150		1.908	
	S3	1	2.290	5.760	0.150		1.979	
		1	3.000	5.600	0.150		2.520	
		1	5.900	6.700	0.150		5.930	
		1	3.290	38.150	0.150		18.828	
	TERRACE FLOOR COLUMNS							
	C1	4	0.300	0.500	2.100		1.260	
	C2	6	0.300	0.500	2.100		1.891	
	C3	2	0.300	0.600	2.100		0.756	
	GROUND FLOOR STAIR							
	1ST FLIGHT	1	3.870	2.000	0.150		1.161	
	2ND FLIGHT	1	2.380	2.000	0.150		0.714	

	3RD FLIGHT	1	3.700	2.000	0.150		1.110	
	LANDING	2	2.000	2.000	0.150		1.200	
	STEPS	0.5*28	2.000	0.300	0.150		1.260	
	Z BEAM	1	5.150	0.300	0.550		0.850	
	FIRE STAIR FLIGHT	1	3.870	2.000	0.150		1.161	
	2ND FLIGHT	1	2.380	2.000	0.150		0.714	
	3RD FLIGHT	1	3.700	2.000	0.150		1.110	
	LANDING	2	2.000	2.000	0.150		1.200	
		0.5*28	2.000	0.300	0.150		1.260	
	Z BEAM	1	5.750	0.300	0.550		0.949	
	Total Quantity						324.122 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						324.122 cum	
	Say 324.122 cum @ Rs 10781.55 / cum						<b>Rs 3494537.55</b>	
11	4.12 Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification .							
		1	395.241		8.000		3161.928	
	Total Quantity						3161.928 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						3161.928 kg	
	Say 3161.928 kg @ Rs 1.41 / kg						<b>Rs 4458.32</b>	
12	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete							
	PILE CAP							
	PC1	41	4.000		0.800		131.201	
	PC2	13	6.400		0.850		70.720	
	PC3	6	4.200		0.800		20.161	
	PC4	1	7.200		0.800		5.761	
	Total Quantity						227.843 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						227.843 sqm	
	Say 227.843 sqm @ Rs 288.42 / sqm						<b>Rs 65714.48</b>	

13	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform						
	GROUND FLOOR ROOF SLAB						
	S1	1	42.800	11.190			478.932
		1	6.000	8.950			53.700
		1	5.600	9.600			53.760
		1	6.290	21.600			135.864
		1	5.300	6.000			31.800
		1	5.200	6.000			31.201
		1	12.700	11.900			151.130
		1	5.200	2.600			13.521
		1	8.850	3.300			29.205
		1	3.000	1.370			4.110
		-1	7.700	6.000			-46.200
		-1	5.700	5.200			-29.640
		-1	5.700	5.450			-31.065
	S2	1	7.700	6.000			46.200
		1	2.300	6.000			13.800
	S4	1	1.910	5.660			10.811
		1	1.200	1.380			1.656
		1	1.600	5.700			9.121
		1	4.200	6.180			25.956
		1	5.200	5.900			30.681
		1	3.300	6.290			20.757
		1	8.000	1.590			12.720
	S3	1	2.290	5.760			13.191
		1	3.000	5.600			16.800
		1	5.900	6.700			39.530
		1	3.290	38.150			125.514
	DEDUCE GROUND FLOOR COLUMNS						
	C1	8	0.300	0.500			-1.200
	C2	6	0.300	0.500			-0.899

C3	12	0.300	0.600			-2.160	
C4	5	0.300	0.600			-0.899	
C5	3	0.300	0.600			-0.540	
C6	15	0.400	0.600			-3.599	
C7	3	0.400	0.600			-0.720	
C8	1	0.400	0.600			-0.240	
C9	2	0.400	0.600			-0.480	
C10	6	0.400	0.600			-1.440	
DEDUCE GROUND FLOOR ROOF BEAMS							
B1(GRID 1-1)	1	3.700	0.300			-1.110	
	1	3.900	0.300			-1.170	
	1	3.980	0.300			-1.194	
	1	4.670	0.300			-1.401	
B2(GRID 1-1)	3	4.600	0.300			-4.140	
B3(GRID 1-1)	1	6.420	0.300			-1.926	
	1	4.700	0.300			-1.410	
B4(GRID 2-2)	1	3.900	0.300			-1.170	
B5(GRID 2-2)	1	8.800	0.300			-2.640	
	1	10.000	0.300			-3.000	
	1	10.120	0.300			-3.035	
B6(GRID 2-2)	1	12.100	0.300			-3.630	
B7(GRID 3-3)	1	3.800	0.300			-1.140	
	1	4.030	0.300			-1.209	
	1	4.150	0.300			-1.245	
	1	4.700	0.300			-1.410	
B8(GRID 3-3)	1	4.700	0.300			-1.410	
	1	4.680	0.300			-1.404	
	1	4.720	0.300			-1.416	
B9(GRID 3-3)	1	6.280	0.300			-1.884	
	1	5.220	0.300			-1.565	
B10(GRID 4-4)	1	3.700	0.300			-1.110	
	1	5.880	0.300			-1.764	
	1	5.520	0.300			-1.656	

		1	5.100	0.300			-1.529	
	B11(GRID 4-4)	1	2.890	0.300			-0.867	
	B12(GRID 4-4)	1	4.620	0.300			-1.386	
		1	6.270	0.300			-1.880	
		1	4.540	0.300			-1.361	
		1	3.660	0.300			-1.098	
	B13(GRID 4-5)	1	5.200	0.300			-1.560	
	B14(GRID 4-5)	1	21.010	0.300			-6.303	
	B15(GRID 5-5)	1	12.000	0.300			-3.599	
		1	5.200	0.300			-1.560	
	B16(GRID 5-5)	1	3.000	0.300			-0.899	
		1	11.700	0.300			-3.510	
	B17(GRID 5-5)	1	8.800	0.300			-2.640	
	B18(GRID 6-6)	1	3.700	0.300			-1.110	
		1	5.580	0.300			-1.674	
		1	5.320	0.300			-1.596	
		1	5.050	0.300			-1.515	
	B19(GRID 6-6)	1	2.950	0.300			-0.885	
	B20(GRID 6-6)	1	6.400	0.300			-1.920	
		1	4.600	0.300			-1.380	
		1	3.700	0.300			-1.110	
	B21(GRID 7-7)	1	7.400	0.300			-2.220	
	B22(GRID 8-8)	1	3.100	0.300			-0.929	
		1	3.100	0.300			-0.929	
	B23(GRID 1-2)	5	1.310	0.300			-1.965	
	B24(GRID 2-2)	1	3.900	0.300			-1.170	
	B25(GRID 5-6)	2	1.300	0.300			-0.780	
	B26(GRID 6-6)	1	3.800	0.300			-1.140	
	B27(GRID 5-6)	1	3.800	0.300			-1.140	
	B28(GRID 4-4)	1	5.700	0.300			-1.710	
	B29(GRID 3-3)	1	5.700	0.300			-1.710	
	B30(GRID 2-2)	1	5.700	0.300			-1.710	
	B31(GRID 4-1)	1	3.000	0.300			-0.899	

		1	4.700	0.300			-1.410	
		1	5.100	0.300			-1.529	
	B32(GRID 4-6)	1	5.000	0.300			-1.500	
		1	5.500	0.300			-1.650	
	B33(GRID 1-2)	1	6.220	0.300			-1.865	
	B34(GRID 2-3)	1	3.780	0.300			-1.134	
	B35(GRID 4-5)	1	5.420	0.300			-1.626	
	B36(GRID 5-6)	1	5.580	0.300			-1.674	
	B37(GRID 4-1)	1	5.000	0.300			-1.500	
		1	4.700	0.300			-1.410	
		1	3.000	0.300			-0.899	
	B38(GRID 4-6)	1	4.800	0.300			-1.440	
		1	5.700	0.300			-1.710	
	B39(GRID C-C)	1	10.200	0.300			-3.059	
		1	3.000	0.300			-0.899	
	B40(GRID C-C)	1	5.500	0.300			-1.650	
	B41(GRID 5-6)	1	5.700	0.300			-1.710	
	B42(GRID D-D)	1	4.700	0.300			-1.410	
		1	5.000	0.300			-1.500	
	B43(GRID E-E)	1	10.200	0.300			-3.059	
	B44(GRID 4-6)	1	5.700	0.300			-1.710	
		1	5.100	0.300			-1.529	
	B45(GRID 4-6)	1	5.700	0.300			-1.710	
		1	5.100	0.300			-1.529	
	B46(GRID 4-1)	1	3.000	0.300			-0.899	
		1	4.700	0.300			-1.410	
		1	4.800	0.300			-1.440	
	B47(GRID 5-6)	1	5.700	0.300			-1.710	
	B48(GRID 1-3)	1	10.300	0.300			-3.090	
	B49(GRID 3-6)	1	10.800	0.300			-3.240	
	B50(GRID 1-3)	1	4.800	0.300			-1.440	
		1	4.700	0.300			-1.410	
	B51(GRID 6-4)	1	5.400	0.300			-1.620	

	B52(GRID I-I)	1	10.300	0.300			-3.090	
	B53(GRID 6-6)	1	4.700	0.300			-1.410	
	B54(GRID 5-6)	1	5.100	0.300			-1.529	
		1	5.400	0.300			-1.620	
	B55(GRID 2-4)	1	4.750	0.300			-1.425	
		1	2.900	0.300			-0.870	
	B56(GRID 2-4)	1	4.750	0.300			-1.425	
		1	2.700	0.300			-0.810	
	B57(GRID 6-8)	1	1.580	0.300			-0.474	
		1	4.510	0.300			-1.353	
	B58(GRID 6-8)	1	6.400	0.300			-1.920	
	B59(GRID 6-8)	1	1.580	0.300			-0.474	
		1	4.510	0.300			-1.353	
	B60(GRID 4-5)	1	5.100	0.300			-1.529	
	B61(GRID 4-5)	1	4.500	0.300			-1.349	
	B62(GRID 4-6)	1	11.000	0.300			-3.300	
	B63(GRID 4-3)	1	3.000	0.300			-0.899	
	B64(GRID 4-3)	1	3.000	0.300			-0.899	
	B65(GRID 4-3)	1	3.000	0.300			-0.899	
						Total Quantity	1243.055 sqm	
						Total Deducted Quantity	-192.899 sqm	
						Net Total Quantity	1050.156 sqm	
						Say 1050.156 sqm @ Rs 628.00 / sqm	<b>Rs 659497.97</b>	
14	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(GRID 1-K)	1	36.600		0.200		7.320	
	B2(GRID 3-3)	1	33.600		0.500		16.800	
	B2(GRID 4-4)	1	39.050		0.500		19.525	
	B3(GRID 1-K)	1	70.970		0.500		35.485	
	B4(GRID 1-1)	1	42.650		0.800		34.120	
	B4(GRID 2-2)	1	51.560		0.800		41.249	

B4(GRID 5-5)	1	33.240		0.800		26.593	
B4(GRID 6-6)	1	42.350		0.800		33.880	
B4(GRID 3-3)	1	5.700		0.800		4.561	
B4(GRID 4-4)	1	5.700		0.800		4.561	
B4(GRID A-A)	1	19.930		0.800		15.944	
B4(GRID B-B)	1	20.110		0.800		16.089	
B4(GRID C-C)	1	21.640		0.800		17.312	
B4(GRID D-D)	1	9.200		0.800		7.360	
B4(GRID E-E)	1	20.750		0.800		16.600	
B4(GRID F-F)	1	30.990		0.800		24.792	
B4(GRID G-G)	1	10.310		0.800		8.249	
B4(GRID H-H)	1	20.830		0.800		16.664	
B4(GRID I-I)	1	21.390		0.800		17.113	
B4(GRID J-J)	1	24.110		0.800		19.288	
B4(GRID K-K)	1	8.000		0.800		6.400	
B4(GRID 7-8)	1	23.220		0.800		18.576	
B5(GRID G-G)	1	9.500		1.200		11.400	
B6(GRID 5-5)	1	11.610		0.800		9.288	
Other Engineering Organizations 10CM WIDE RC LINTELS AND BANDS							
MMV WORKSHOP	2	4.000		0.150	2.0	2.400	
	2	3.800		0.150	2.0	2.280	
STORE	2*2	5.700		0.150	2.0	6.840	
	4*2	2.780		0.150	2.0	6.672	
TOILET AND CHANGE	1*2	3.570		0.150	2.0	2.142	
	2*2	1.600		0.150	2.0	1.920	
	2*2	2.660		0.150	2.0	3.192	
	1*2	3.000		0.150	2.0	1.800	
TOILET AND CHANGE	3*2	2.690		0.150	2.0	4.842	
	2*2	5.300		0.150	2.0	6.360	
	4*2	1.640		0.150	2.0	3.936	
STORE	1*2	5.800		0.150	2.0	3.480	



		1*2	2.600		0.150	2.0	1.560	
	DUCT	2*2	1.200		0.150	2.0	1.440	
	DEDUCE D3	-11	0.800		0.150	2.0	-2.639	
	20CM WIDE RC LINTELS AND BANDS							
	MMV WORKSHOP	2	41.400		0.150	2.0	24.840	
		2	9.900		0.150	2.0	5.940	
		2	38.800		0.150	2.0	23.280	
		2	5.650		0.150	2.0	3.390	
		2	9.700		0.150	2.0	5.820	
	LEFT SIDE WALL	2	23.100		0.150	2.0	13.861	
	TOILET AND CHANGE	2	2.690		0.150	2.0	1.614	
	PLUMBER WORKSHOP	2	16.600		0.150	2.0	9.960	
		2	10.500		0.150	2.0	6.300	
		2	10.800		0.150	2.0	6.480	
	STORE	2*2	5.200		0.150	2.0	6.240	
		2*2	5.200		0.150	2.0	6.240	
	FRONT	2	42.200		0.150	2.0	25.320	
	STAFFROOM	2	18.200		0.150	2.0	10.920	
		2	10.400		0.150	2.0	6.240	
		2	11.700		0.150	2.0	7.020	
		2	10.000		0.150	2.0	6.000	
		2	10.500		0.150	2.0	6.300	
	DINING	2	10.050		0.150	2.0	6.030	
		2	5.000		0.150	2.0	3.000	
	TOILET	2	5.200		0.150	2.0	3.120	
		2*2	1.700		0.150	2.0	2.040	
		2	5.320		0.150	2.0	3.192	
		2*2	1.980		0.150	2.0	2.376	
		2	8.800		0.150	2.0	5.280	
	STAFFROOM	2	7.350		0.150	2.0	4.410	
		2*2	5.700		0.150	2.0	6.840	

	MD	-1	0.300		0.150	2.0	-0.090	
	D	-1	1.800		0.150	2.0	-0.540	
	D1	-11	1.000		0.150	2.0	-3.300	
	D2	-8	1.200		2.100	2.0	-40.320	
	D3	-4	0.800		0.150	2.0	-0.960	
	RS	-1	4.000		0.150	2.0	-1.200	
	RS1	-2	2.400		0.150	2.0	-1.440	
GROUND FLOOR ROOF BEAMS								
	B1(GRID 1-1)	1	3.700		0.900		3.330	
		1	3.900		0.900		3.510	
		1	3.980		0.900		3.582	
		1	4.670		0.900		4.203	
	B2(GRID 1-1)	3	4.600		0.900		12.420	
	B3(GRID 1-1)	1	6.420		0.900		5.779	
		1	4.700		0.900		4.230	
	B4(GRID 2-2)	1	3.900		1.200		4.680	
	B5(GRID 2-2)	1	8.800		1.200		10.560	
		1	10.000		1.200		12.000	
		1	10.120		1.200		12.144	
	B6(GRID 2-2)	1	12.100		0.900		10.890	
	B7(GRID 3-3)	1	3.800		0.900		3.420	
		1	4.030		0.900		3.627	
		1	4.150		0.900		3.736	
		1	4.700		0.900		4.230	
	B8(GRID 3-3)	1	4.700		0.900		4.230	
		1	4.680		0.900		4.212	
		1	4.720		0.900		4.248	
	B9(GRID 3-3)	1	6.280		0.900		5.652	
		1	5.220		0.900		4.698	
	B10(GRID 4-4)	1	3.700		0.900		3.330	
		1	5.880		0.900		5.292	
		1	5.520		0.900		4.968	
		1	5.100		0.900		4.590	

	B11(GRID 4-4)	1	2.890		0.900		2.601	
	B12(GRID 4-4)	1	4.620		0.900		4.158	
		1	6.270		0.900		5.643	
		1	4.540		0.900		4.087	
		1	3.660		0.900		3.294	
	B13(GRID 4-5)	1	5.200		0.900		4.681	
	B14(GRID 4-5)	1	21.010		0.900		18.910	
	B15(GRID 5-5)	1	12.000		1.200		14.400	
		1	5.200		1.200		6.240	
	B16(GRID 5-5)	1	3.000		0.900		2.700	
		1	11.700		0.900		10.530	
	B17(GRID 5-5)	1	8.800		1.200		10.560	
	B18(GRID 6-6)	1	3.700		0.900		3.330	
		1	5.580		0.900		5.022	
		1	5.320		0.900		4.788	
		1	5.050		0.900		4.545	
	B19(GRID 6-6)	1	2.950		1.200		3.540	
	B20(GRID 6-6)	1	6.400		0.900		5.761	
		1	4.600		0.900		4.140	
		1	3.700		0.900		3.330	
	B21(GRID 7-7)	1	7.400		0.900		6.660	
	B22(GRID 8-8)	1	3.100		0.900		2.790	
		1	3.100		0.900		2.790	
	B23(GRID 1-2)	5	1.310		0.600		3.930	
	B24(GRID 2-2)	1	3.900		0.900		3.510	
	B25(GRID 5-6)	2	1.300		0.600		1.560	
	B26(GRID 6-6)	1	3.800		1.200		4.560	
	B27(GRID 5-6)	1	3.800		1.200		4.560	
	B28(GRID 4-4)	1	5.700		0.900		5.130	
	B29(GRID 3-3)	1	5.700		0.900		5.130	
	B30(GRID 2-2)	1	5.700		0.900		5.130	
	B31(GRID 4-1)	1	3.000		0.900		2.700	
		1	4.700		0.900		4.230	

		1	5.100		0.900		4.590	
	B32(GRID 4-6)	1	5.000		0.900		4.500	
		1	5.500		0.900		4.950	
	B33(GRID 1-2)	1	6.220		0.900		5.598	
	B34(GRID 2-3)	1	3.780		0.900		3.402	
	B35(GRID 4-5)	1	5.420		0.900		4.878	
	B36(GRID 5-6)	1	5.580		0.600		3.348	
	B37(GRID 4-1)	1	5.000		0.900		4.500	
		1	4.700		1.200		5.640	
		1	3.000		1.200		3.600	
	B38(GRID 4-6)	1	4.800		1.200		5.760	
		1	5.700		1.200		6.840	
	B39(GRID C-C)	1	10.200		0.900		9.180	
		1	3.000		0.900		2.700	
	B40(GRID C-C)	1	5.500		0.900		4.950	
	B41(GRID 5-6)	1	5.700		0.900		5.130	
	B42(GRID D-D)	1	4.700		0.900		4.230	
		1	5.000		0.900		4.500	
	B43(GRID E-E)	1	10.200		0.900		9.180	
	B44(GRID 4-6)	1	5.700		1.200		6.840	
		1	5.100		1.200		6.120	
	B45(GRID 4-6)	1	5.700		1.200		6.840	
		1	5.100		1.200		6.120	
	B46(GRID 4-1)	1	3.000		0.900		2.700	
		1	4.700		0.900		4.230	
		1	4.800		0.900		4.320	
	B47(GRID 5-6)	1	5.700		0.900		5.130	
	B48(GRID 1-3)	1	10.300		0.900		9.271	
	B49(GRID 3-6)	1	10.800		1.200		12.960	
	B50(GRID 1-3)	1	4.800		0.900		4.320	
		1	4.700		0.900		4.230	
	B51(GRID 6-4)	1	5.400		0.900		4.860	
	B52(GRID I-I)	1	10.300		1.200		12.361	

	B53(GRID 6-6)	1	4.700		0.900		4.230	
	B54(GRID 5-6)	1	5.100		0.900		4.590	
		1	5.400		0.900		4.860	
	B55(GRID 2-4)	1	4.750		0.900		4.275	
		1	2.900		0.900		2.610	
	B56(GRID 2-4)	1	4.750		0.900		4.275	
		1	2.700		0.900		2.430	
	B57(GRID 6-8)	1	1.580		0.900		1.423	
		1	4.510		0.900		4.059	
	B58(GRID 6-8)	1	6.400		0.900		5.761	
	B59(GRID 6-8)	1	1.580		0.900		1.423	
		1	4.510		1.200		5.412	
	B60(GRID 4-5)	1	5.100		1.200		6.120	
	B61(GRID 4-5)	1	4.500		1.200		5.400	
	B62(GRID 4-6)	1	11.000		0.900		9.900	
	B63(GRID 4-3)	1	3.000		0.900		2.700	
	B64(GRID 4-3)	1	3.000		0.900		2.700	
	B65(GRID 4-3)	1	3.000		0.900		2.700	
Other Engineering Organizations								
<b>PRICE</b>								
Total Quantity							1220.744 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							1220.744 sqm	
Say 1220.744 sqm @ Rs 509.93 / sqm							<b>Rs 622493.99</b>	
15	5.9.6 Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts							
GROUND FLOOR COLUMNS								
	C1	8	1.600		4.050		51.840	
	C2	6	1.500		4.050		36.450	
	C3	12	1.800		4.050		87.480	
	C4	5	1.800		4.050		36.450	
	C5	3	1.800		4.050		21.870	
	C6	15	2.000		4.050		121.500	
	C7	3	2.000		4.050		24.300	

	C8	1	2.000		4.050		8.100	
	C9	2	2.000		4.050		16.200	
	C10	6	2.000		4.050		48.600	
TERRACE FLOOR COLUMNS								
	C1	4	1.600		2.100		13.441	
	C2	6	1.600		2.100		20.161	
	C3	2	1.800		2.100		7.561	
Total Quantity							493.953 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							493.953 sqm	
Say 493.953 sqm @ Rs 695.74 / sqm							<b>Rs 343662.86</b>	
16	5.9.7 Centering and shuttering including strutting, etc. and removal of form for: Stairs, (excluding landings ) except spiral - staircases)							
GROUND FLOOR STAIR								
	IST FLIGHT BOTTOM & SIDE	1	3.870	2.600			10.063	
	2ND FLIGHT ,,	1	2.380	2.600			6.188	
	3RD FLIGHT ,,	1	3.700	2.600			9.621	
	LANDING	2	2.000	2.000			8.000	
	STEPS	31	2.000		0.150		9.300	
	Z BEAM BOTTOM AND SIDE	1	5.150		1.400		7.210	
	SLAB EDGES	1	7.100		0.150		1.065	
	FIRE STAIR IST FLIGHT BOTTOM & SIDE	1	3.870	2.600			10.063	
	2ND FLIGHT ,,	1	2.380	2.600			6.188	
	3RD FLIGHT ,,	1	3.700	2.600			9.621	
	LANDING	2	2.000	2.000			8.000	
	STEPS	31	2.000		0.150		9.300	
	Z BEAM	1	5.750		1.400		8.050	
	SLAB EDGES	1	7.250		0.150		1.088	
Total Quantity							103.757 sqm	
Total Deducted Quantity							0.000 sqm	

		Net Total Quantity					103.757 sqm	
		Say 103.757 sqm @ Rs 623.62 / sqm					<b>Rs 64704.94</b>	
17	5.9.19 Centering and shuttering including strutting, etc. and removal of form for:Weather shade, Chajjas, corbels etc., including edges							
		RC SUNSHADE						
		1	46.200	0.700			32.341	
		Total Quantity					32.341 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					32.341 sqm	
		Say 32.341 sqm @ Rs 775.89 / sqm					<b>Rs 25093.06</b>	
18	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							
		GRADE BEAM						
	B1(GRID 1-K)	1	36.600	0.300	0.100	93.0	102.114	
	B2(GRID 3-3)	1	33.600	0.300	0.250	135.0	340.200	
	B2(GRID 4-4)	1	39.050	0.300	0.250	135.0	395.382	
	B3(GRID 1-K)	1	70.970	0.300	0.250	87.0	463.080	
	B4(GRID 1-1)	1	42.650	0.300	0.400	91.0	465.739	
	B4(GRID 2-2)	1	51.560	0.300	0.400	91.0	563.036	
	B4(GRID 5-5)	1	33.240	0.300	0.400	91.0	362.981	
	B4(GRID 6-6)	1	42.350	0.300	0.400	91.0	462.463	
	B4(GRID 3-3)	1	5.700	0.300	0.400	91.0	62.245	
	B4(GRID 4-4)	1	5.700	0.300	0.400	91.0	62.245	
	B4(GRID A-A)	1	19.930	0.300	0.400	91.0	217.636	
	B4(GRID B-B)	1	20.110	0.300	0.400	91.0	219.602	
	B4(GRID C-C)	1	21.640	0.300	0.400	91.0	236.309	
	B4(GRID D-D)	1	9.200	0.300	0.400	91.0	100.464	
	B4(GRID E-E)	1	20.750	0.300	0.400	91.0	226.591	
	B4(GRID F-F)	1	30.990	0.300	0.400	91.0	338.411	
	B4(GRID G-G)	1	10.310	0.300	0.400	91.0	112.586	
	B4(GRID H-H)	1	20.830	0.300	0.400	91.0	227.464	
	B4(GRID I-I)	1	21.390	0.300	0.400	91.0	233.579	

	B4(GRID J-J)	1	24.110	0.300	0.400	91.0	263.282	
	B4(GRID K-K)	1	8.000	0.300	0.400	91.0	87.360	
	B4(GRID 7-8)	1	23.220	0.300	0.400	91.0	253.563	
	B5(GRID G-G)	1	9.500	0.300	0.600	116.0	198.360	
	B6(GRID 5-5)	1	11.610	0.300	0.400	163.0	227.092	
	GRADE SLAB							
	S1	1	5.700	27.300	0.200	43.0	1338.246	
		1	5.600	7.100	0.200	43.0	341.936	
		1	5.600	2.900	0.200	43.0	139.664	
		1	42.800	5.600	0.200	43.0	2061.248	
		1	6.000	9.000	0.200	43.0	464.401	
		1	9.200	3.000	0.200	43.0	237.360	
		1	5.900	12.400	0.200	43.0	629.177	
		1	5.900	20.600	0.200	43.0	1045.245	
		1	3.500	4.000	0.200	43.0	120.400	
		1	6.300	26.300	0.200	43.0	1424.934	
		1	5.100	4.400	0.200	43.0	192.984	
		1	5.300	6.300	0.200	43.0	287.155	
		1	4.000	3.900	0.200	43.0	134.160	
	S2	1	2.800	5.600	0.200	47.0	147.392	
		1	2.700	5.600	0.200	47.0	142.128	
		1	4.200	6.900	0.200	47.0	272.413	
		1	4.200	6.500	0.200	47.0	256.621	
		1	1.900	5.700	0.200	47.0	101.802	
		1	4.000	4.800	0.200	47.0	180.480	
		1	8.000	1.900	0.200	47.0	142.880	
		1	5.100	1.900	0.200	47.0	91.086	
		1	2.100	6.300	0.200	47.0	124.363	
		1	2.600	5.900	0.200	47.0	144.197	
	S3	1	37.900	3.000	0.200	43.0	977.820	
		1	3.200	5.900	0.200	43.0	162.369	
		1	2.300	5.600	0.200	43.0	110.768	
	PILE CAP							



	PC1	41	1.000	1.000	0.800	204.0	6691.201		
	PC2	13	2.200	1.000	0.850	196.0	4764.760		
	PC3	6	1.100	1.000	0.800	216.0	1140.481		
	PC4	1	2.500	1.100	0.800	191.0	420.201		
	STUB COLUMN								
	C1	8	0.300	0.500	0.600	219.0	157.680		
	C2	6	0.300	0.500	0.600	263.0	142.020		
	C3	12	0.300	0.600	0.600	191.0	247.536		
	C4	5	0.300	0.600	0.600	222.0	119.881		
	C5	3	0.300	0.600	0.600	250.0	81.000		
	C6	15	0.400	0.600	0.600	180.0	388.800		
	C7	3	0.400	0.600	0.600	198.0	85.536		
	C8	1	0.400	0.600	0.600	237.0	34.128		
	C9	2	0.400	0.600	0.600	270.0	77.760		
	C10	6	0.400	0.600	0.600	198.0	171.072		
	Total Quantity						32015.069 kilogram		
	Total Deducted Quantity						0.000 kilogram		
	Net Total Quantity						32015.069 kilogram		
	Say 32015.069 kilogram @ Rs 84.17 / kilogram						<b>Rs 2694708.36</b>		
19	5.22A.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo - Mechanically Treated bars of grade Fe-500D or more								
	GROUND FLOOR COLUMNS								
	C1	8	0.300	0.500	4.500	219.0	1182.600		
	C2	6	0.300	0.500	4.500	263.0	1065.150		
	C3	12	0.300	0.600	4.500	191.0	1856.520		
	C4	5	0.300	0.600	4.500	222.0	899.100		
	C5	3	0.300	0.600	4.500	250.0	607.500		
	C6	15	0.400	0.600	4.500	180.0	2916.001		
	C7	3	0.400	0.600	4.500	198.0	641.521		
	C8	1	0.400	0.600	4.500	237.0	255.960		
	C9	2	0.400	0.600	4.500	270.0	583.200		
	C10	6	0.400	0.600	4.500	198.0	1283.041		

GROUND FLOOR ROOF BEAMS								
B1(GRID 1-1)	1	3.700	0.300	0.300	184.0	61.273		
	1	3.700	0.300	0.300	184.0	61.273		
	1	3.900	0.300	0.300	184.0	64.584		
	1	3.980	0.300	0.300	184.0	65.909		
	1	4.670	0.300	0.300	184.0	77.336		
B2(GRID 1-1)	3	4.600	0.300	0.300	184.0	228.528		
B3(GRID 1-1)	1	6.420	0.300	0.300	184.0	106.316		
	1	4.700	0.300	0.300	184.0	77.832		
B4(GRID 2-2)	1	3.900	0.300	0.450	164.0	86.346		
B5(GRID 2-2)	1	8.800	0.300	0.450	164.0	194.833		
	1	10.000	0.300	0.450	164.0	221.400		
	1	10.120	0.300	0.450	164.0	224.057		
B6(GRID 2-2)	1	12.100	0.300	0.300	184.0	200.376		
B7(GRID 3-3)	1	3.800	0.300	0.300	184.0	62.928		
	1	4.030	0.300	0.300	184.0	66.737		
	1	4.150	0.300	0.300	184.0	68.724		
	1	4.700	0.300	0.300	184.0	77.832		
B8(GRID 3-3)	1	4.700	0.300	0.300	184.0	77.832		
	1	4.680	0.300	0.300	184.0	77.501		
	1	4.720	0.300	0.300	184.0	78.164		
B9(GRID 3-3)	1	6.280	0.300	0.300	184.0	103.997		
	1	5.220	0.300	0.300	184.0	86.444		
B10(GRID 4-4)	1	3.700	0.300	0.300	184.0	61.273		
	1	5.880	0.300	0.300	184.0	97.373		
	1	5.520	0.300	0.300	184.0	91.412		
	1	5.100	0.300	0.300	184.0	84.456		
B11(GRID 4-4)	1	2.890	0.300	0.300	184.0	47.859		
B12(GRID 4-4)	1	4.620	0.300	0.300	184.0	76.508		
	1	6.270	0.300	0.300	184.0	103.832		
	1	4.540	0.300	0.300	184.0	75.183		
	1	3.660	0.300	0.300	184.0	60.610		
B13(GRID 4-5)	1	5.200	0.300	0.300	184.0	86.112		

	B14(GRID 4-5)	1	21.010	0.300	0.300	184.0	347.926	
	B15(GRID 5-5)	1	12.000	0.300	0.450	164.0	265.680	
		1	5.200	0.300	0.450	164.0	115.129	
	B16(GRID 5-5)	1	3.000	0.300	0.300	184.0	49.680	
		1	11.700	0.300	0.300	184.0	193.752	
	B17(GRID 5-5)	1	8.800	0.300	0.450	184.0	218.593	
	B18(GRID 6-6)	1	3.700	0.300	0.300	184.0	61.273	
		1	5.580	0.300	0.300	184.0	92.405	
		1	5.320	0.300	0.300	184.0	88.100	
		1	5.050	0.300	0.300	184.0	83.628	
	B19(GRID 6-6)	1	2.950	0.300	0.450	164.0	65.313	
	B20(GRID 6-6)	1	6.400	0.300	0.300	184.0	105.984	
		1	4.600	0.300	0.300	184.0	76.176	
		1	3.700	0.300	0.300	184.0	61.273	
	B21(GRID 7-7)	1	7.400	0.300	0.300	184.0	122.545	
	B22(GRID 8-8)	1	3.100	0.300	0.300	184.0	51.336	
		1	3.100	0.300	0.300	184.0	51.336	
	B23(GRID 1-2)	5	1.310	0.300	0.150	260.0	76.635	
	B24(GRID 2-2)	1	3.900	0.300	0.300	184.0	64.584	
	B25(GRID 5-6)	2	1.300	0.300	0.150	260.0	30.420	
	B26(GRID 6-6)	1	3.800	0.300	0.450	164.0	84.132	
	B27(GRID 5-6)	1	3.800	0.300	0.450	164.0	84.132	
	B28(GRID 4-4)	1	5.700	0.300	0.300	184.0	94.392	
	B29(GRID 3-3)	1	5.700	0.300	0.300	184.0	94.392	
	B30(GRID 2-2)	1	5.700	0.300	0.300	184.0	94.392	
	B31(GRID 4-1)	1	3.000	0.300	0.300	184.0	49.680	
		1	4.700	0.300	0.300	184.0	77.832	
		1	5.100	0.300	0.300	184.0	84.456	
	B32(GRID 4-6)	1	5.000	0.300	0.300	184.0	82.800	
		1	5.500	0.300	0.300	184.0	91.080	
	B33(GRID 1-2)	1	6.220	0.300	0.300	184.0	103.004	
	B34(GRID 2-3)	1	3.780	0.300	0.300	184.0	62.597	
	B35(GRID 4-5)	1	5.420	0.300	0.300	184.0	89.756	

	B36(GRID 5-6)	1	5.580	0.300	0.150	260.0	65.286	
	B37(GRID 4-1)	1	5.000	0.300	0.300	184.0	82.800	
		1	4.700	0.300	0.450	164.0	104.058	
		1	3.000	0.300	0.450	164.0	66.420	
	B38(GRID 4-6)	1	4.800	0.300	0.450	164.0	106.272	
		1	5.700	0.300	0.450	164.0	126.198	
	B39(GRID C-C)	1	10.200	0.300	0.300	184.0	168.912	
		1	3.000	0.300	0.300	184.0	49.680	
	B40(GRID C-C)	1	5.500	0.300	0.300	184.0	91.080	
	B41(GRID 5-6)	1	5.700	0.300	0.300	184.0	94.392	
	B42(GRID D-D)	1	4.700	0.300	0.300	184.0	77.832	
		1	5.000	0.300	0.300	184.0	82.800	
	B43(GRID E-E)	1	10.200	0.300	0.300	184.0	168.912	
	B44(GRID 4-6)	1	5.700	0.300	0.450	164.0	126.198	
		1	5.100	0.300	0.450	164.0	112.914	
	B45(GRID 4-6)	1	5.700	0.300	0.450	164.0	126.198	
		1	5.100	0.300	0.450	164.0	112.914	
	B46(GRID 4-1)	1	3.000	0.300	0.300	184.0	49.680	
		1	4.700	0.300	0.300	184.0	77.832	
		1	4.800	0.300	0.300	184.0	79.488	
	B47(GRID 5-6)	1	5.700	0.300	0.300	184.0	94.392	
	B48(GRID 1-3)	1	10.300	0.300	0.300	184.0	170.568	
	B49(GRID 3-6)	1	10.800	0.300	0.450	164.0	239.113	
	B50(GRID 1-3)	1	4.800	0.300	0.300	184.0	79.488	
		1	4.700	0.300	0.300	184.0	77.832	
	B51(GRID 6-4)	1	5.400	0.300	0.300	184.0	89.424	
	B52(GRID I-I)	1	10.300	0.300	0.450	164.0	228.042	
	B53(GRID 6-6)	1	4.700	0.300	0.300	184.0	77.832	
	B54(GRID 5-6)	1	5.100	0.300	0.300	184.0	84.456	
		1	5.400	0.300	0.300	184.0	89.424	
	B55(GRID 2-4)	1	4.750	0.300	0.300	184.0	78.660	
		1	2.900	0.300	0.300	184.0	48.024	
	B56(GRID 2-4)	1	4.750	0.300	0.300	184.0	78.660	

		1	2.700	0.300	0.300	184.0	44.712	
	B57(GRID 6-8)	1	1.580	0.300	0.300	184.0	26.165	
		1	4.510	0.300	0.300	184.0	74.686	
	B58(GRID 6-8)	1	6.400	0.300	0.300	184.0	105.984	
	B59(GRID 6-8)	1	1.580	0.300	0.450	164.0	34.982	
		1	4.510	0.300	0.450	164.0	99.852	
	B60(GRID 4-5)	1	5.100	0.300	0.450	164.0	112.914	
	B61(GRID 4-5)	1	4.500	0.300	0.450	164.0	99.630	
	B62(GRID 4-6)	1	11.000	0.300	0.300	184.0	182.160	
	B63(GRID 4-3)	1	3.000	0.300	0.300	184.0	49.680	
	B64(GRID 4-3)	1	3.000	0.300	0.300	184.0	49.680	
	B65(GRID 4-3)	1	3.000	0.300	0.300	184.0	49.680	
GROUND FLOOR ROOF SLAB								
	S1	1	42.800	11.190	0.150	57.0	4094.869	
		1	6.000	3.490	0.150	57.0	179.037	
		1	5.600	9.600	0.150	57.0	459.648	
		1	6.290	21.600	0.150	57.0	1161.638	
		1	5.300	5.600	0.150	57.0	253.764	
		1	12.700	11.900	0.150	57.0	1292.162	
		1	5.720	2.600	0.150	57.0	127.156	
		1	8.850	3.300	0.150	57.0	249.703	
		1	3.000	4.370	0.150	57.0	112.091	
	PORCH S1	1	8.000	5.410	0.150	57.0	370.044	
		-1	7.700	6.000	0.150	57.0	-395.010	
	S2	1	7.700	6.000	0.150	60.0	415.800	
		1	2.300	1.120	0.150	60.0	23.184	
	S4	1	1.910	5.660	0.150	62.0	100.539	
		1	1.200	4.380	0.150	62.0	48.881	
		1	1.600	5.700	0.150	62.0	84.816	
		1	4.200	6.180	0.150	62.0	241.391	
		1	5.200	5.900	0.150	62.0	285.324	
		1	3.300	6.290	0.150	62.0	193.041	
		1	8.000	1.590	0.150	62.0	118.296	

	S3	1	2.290	5.760	0.150	58.0	114.757	
		1	3.000	5.600	0.150	58.0	146.160	
		1	5.900	6.700	0.150	58.0	343.911	
		1	3.290	38.150	0.150	58.0	1091.968	
TERRACE FLOOR COLUMNS								
	C1	4	0.300	0.500	2.100	219.0	275.940	
	C2	6	0.300	0.500	2.100	263.0	497.071	
	C3	2	0.300	0.600	2.100	191.0	144.397	
GROUND FLOOR STAIR								
	1ST FLIGHT	1	3.870	2.000	0.150	143.0	166.023	
	2ND FLIGHT	1	2.380	2.000	0.150	143.0	102.102	
	3RD FLIGHT	1	3.700	2.000	0.150	143.0	158.731	
	LANDING	2	2.000	2.000	0.150	143.0	171.600	
	STEPS	0.5*28	2.000	0.300	0.150	143.0	180.180	
	Z BEAM	1	5.150	0.300	0.550	143.0	121.515	
	FIRE STAIR FLIGHT	1	3.870	2.000	0.150	143.0	166.023	
	2ND FLIGHT	1	2.380	2.000	0.150	143.0	102.102	
	3RD FLIGHT	1	3.700	2.000	0.150	143.0	158.731	
	LANDING	2	2.000	2.000	0.150	143.0	171.600	
	STEPS	0.5*28	2.000	0.300	0.150	143.0	180.180	
	Z BEAM	1	5.750	0.300	0.550	143.0	135.672	
10CM WIDE RC LINTELS AND BANDS								
	MMV WORKSHOP	2	4.000	0.100	0.150	168.0	20.160	
		2	3.800	0.100	0.150	168.0	19.152	
	STORE	2*2	5.700	0.100	0.150	168.0	57.456	
		4*2	2.780	0.100	0.150	168.0	56.045	
	TOILET AND CHANGE	1*2	3.570	0.100	0.150	168.0	17.993	
		2*2	1.600	0.100	0.150	168.0	16.129	
		2*2	2.660	0.100	0.150	168.0	26.813	
		1*2	3.000	0.100	0.150	168.0	15.121	
	TOILET AND CHANGE	3*2	2.690	0.100	0.150	168.0	40.673	

		2*2	5.300	0.100	0.150	168.0	53.424	
		4*2	1.640	0.100	0.150	168.0	33.063	
	STORE	1*2	5.800	0.100	0.150	168.0	29.232	
		1*2	2.600	0.100	0.150	168.0	13.104	
	DUCT	2*2	1.200	0.100	0.150	168.0	12.096	
	DEDUCE D3	-11	0.800	0.100	0.150	168.0	-22.176	
20CM WIDE RC LINTELS AND BANDS								
	MMV WORKSHOP	2	41.400	0.200	0.150	180.0	447.120	
		2	9.900	0.200	0.150	180.0	106.921	
		2	38.800	0.200	0.150	180.0	419.040	
		2	5.650	0.200	0.150	180.0	61.020	
		2	9.700	0.200	0.150	180.0	104.760	
	LEFT SIDE WALL	2	23.100	0.200	0.150	180.0	249.480	
	TOILET AND CHANGE	2	2.690	0.200	0.150	180.0	29.053	
	PLUMBER WORKSHOP	2	16.600	0.200	0.150	180.0	179.280	
		2	10.500	0.200	0.150	180.0	113.400	
		2	10.800	0.200	0.150	180.0	116.640	
	STORE	2*2	5.200	0.200	0.150	180.0	112.320	
		2*2	5.200	0.200	0.150	180.0	112.320	
	FRONT	2	42.200	0.200	0.150	180.0	455.761	
	STAFFROOM	2	18.200	0.200	0.150	180.0	196.560	
		2	10.400	0.200	0.150	180.0	112.320	
		2	11.700	0.200	0.150	180.0	126.360	
		2	10.000	0.200	0.150	180.0	108.000	
		2	10.500	0.200	0.150	180.0	113.400	
	DINING	2	10.050	0.200	0.150	180.0	108.541	
		2	5.000	0.200	0.150	180.0	54.000	
	TOILET	2	5.200	0.200	0.150	180.0	56.160	
		2*2	1.700	0.200	0.150	180.0	36.721	
		2	5.320	0.200	0.150	180.0	57.456	
		2*2	1.980	0.200	0.150	180.0	42.768	

		2	8.800	0.200	0.150	180.0	95.040	
	STAFFROOM	2	7.350	0.200	0.150	180.0	79.380	
		2*2	5.700	0.200	0.150	180.0	123.120	
	MD	-1	0.300	0.200	0.150	180.0	-1.619	
	D	-1	1.800	0.200	0.150	180.0	-9.720	
	D1	-11	1.000	0.200	0.150	180.0	-59.399	
	D2	-8	1.200	0.200	2.100	180.0	-725.760	
	D3	-4	0.800	0.200	0.150	180.0	-17.280	
	RS	-1	4.000	0.200	0.150	180.0	-21.599	
	RS1	-2	2.400	0.200	0.150	180.0	-25.919	
RC SUNSHADE								
		1	46.200	0.600	0.100	72.0	199.584	
Total Quantity							39484.303 kg	
Total Deducted Quantity							0.000 kg	
Net Total Quantity							39484.303 kg	
Say 39484.303 kg @ Rs 84.17 / kg							<b>Rs 3323393.78</b>	
20	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).							
GRADE BEAM								
	B1(GRID 1-K)	1	36.600	0.300	0.100		1.098	
	B2(GRID 3-3)	1	33.600	0.300	0.250		2.520	
	B2(GRID 4-4)	1	39.050	0.300	0.250		2.929	
	B3(GRID 1-K)	1	70.970	0.300	0.250		5.323	
	B4(GRID 1-1)	1	42.650	0.300	0.400		5.118	
	B4(GRID 2-2)	1	51.560	0.300	0.400		6.188	
	B4(GRID 5-5)	1	33.240	0.300	0.400		3.989	
	B4(GRID 6-6)	1	42.350	0.300	0.400		5.083	
	B4(GRID 3-3)	1	5.700	0.300	0.400		0.684	
	B4(GRID 4-4)	1	5.700	0.300	0.400		0.684	
	B4(GRID A-A)	1	19.930	0.300	0.400		2.392	
	B4(GRID B-B)	1	20.110	0.300	0.400		2.414	
	B4(GRID C-C)	1	21.640	0.300	0.400		2.597	



	B4(GRID D-D)	1	9.200	0.300	0.400		1.104	
	B4(GRID E-E)	1	20.750	0.300	0.400		2.490	
	B4(GRID F-F)	1	30.990	0.300	0.400		3.719	
	B4(GRID G-G)	1	10.310	0.300	0.400		1.238	
	B4(GRID H-H)	1	20.830	0.300	0.400		2.500	
	B4(GRID I-I)	1	21.390	0.300	0.400		2.567	
	B4(GRID J-J)	1	24.110	0.300	0.400		2.894	
	B4(GRID K-K)	1	8.000	0.300	0.400		0.960	
	B4(GRID 7-8)	1	23.220	0.300	0.400		2.787	
	B5(GRID G-G)	1	9.500	0.300	0.600		1.710	
	B6(GRID 5-5)	1	11.610	0.300	0.400		1.394	
	GRADE SLAB							
	S1	1	5.700	27.300	0.200		31.123	
		1	5.600	7.100	0.200		7.952	
		1	5.600	2.900	0.200		3.248	
		1	42.800	5.600	0.200		47.936	
		1	6.000	9.000	0.200		10.800	
		1	9.200	3.000	0.200		5.520	
		1	5.900	12.400	0.200		14.633	
		1	5.900	20.600	0.200		24.309	
		1	3.500	4.000	0.200		2.801	
		1	6.300	26.300	0.200		33.138	
		1	5.100	4.400	0.200		4.488	
		1	5.300	6.300	0.200		6.679	
		1	4.000	3.900	0.200		3.120	
	S2	1	2.800	5.600	0.200		3.136	
		1	2.700	5.600	0.200		3.024	
		1	4.200	6.900	0.200		5.797	
		1	4.200	6.500	0.200		5.461	
		1	1.900	5.700	0.200		2.166	
		1	4.000	4.800	0.200		3.840	
		1	8.000	1.900	0.200		3.040	
		1	5.100	1.900	0.200		1.938	

		1	2.100	6.300	0.200		2.647	
		1	2.600	5.900	0.200		3.069	
	S3	1	37.900	3.000	0.200		22.740	
		1	3.200	5.900	0.200		3.777	
		1	2.300	5.600	0.200		2.576	
	PILE CAP							
	PC1	41	1.000	1.000	0.800		32.801	
	PC2	13	2.200	1.000	0.850		24.311	
	PC3	6	1.100	1.000	0.800		5.281	
	PC4	1	2.500	1.100	0.800		2.200	
	GROUND FLOOR COLUMNS							
	C1	8	0.300	0.500	4.500		5.400	
	C2	6	0.300	0.500	4.500		4.050	
	C3	12	0.300	0.600	4.500		9.720	
	C4	5	0.300	0.600	4.500		4.050	
	C5	3	0.300	0.600	4.500		2.430	
	C6	15	0.400	0.600	4.500		16.201	
	C7	3	0.400	0.600	4.500		3.240	
	C8	1	0.400	0.600	4.500		1.080	
	C9	2	0.400	0.600	4.500		2.160	
	C10	6	0.400	0.600	4.500		6.480	
	GROUND FLOOR ROOF BEAMS							
	B1(GRID 1-1)	1	3.700	0.300	0.300		0.333	
		1	3.900	0.300	0.300		0.351	
		1	3.980	0.300	0.300		0.359	
		1	4.670	0.300	0.300		0.421	
	B2(GRID 1-1)	3	4.600	0.300	0.300		1.242	
	B3(GRID 1-1)	1	6.420	0.300	0.300		0.578	
		1	4.700	0.300	0.300		0.423	
	B4(GRID 2-2)	1	3.900	0.300	0.450		0.527	
	B5(GRID 2-2)	1	8.800	0.300	0.450		1.189	
		1	10.000	0.300	0.450		1.350	
		1	10.120	0.300	0.450		1.367	

	B6(GRID 2-2)	1	12.100	0.300	0.300		1.089	
	B7(GRID 3-3)	1	3.800	0.300	0.300		0.342	
		1	4.030	0.300	0.300		0.363	
		1	4.150	0.300	0.300		0.374	
		1	4.700	0.300	0.300		0.423	
	B8(GRID 3-3)	1	4.700	0.300	0.300		0.423	
		1	4.680	0.300	0.300		0.422	
		1	4.720	0.300	0.300		0.425	
	B9(GRID 3-3)	1	6.280	0.300	0.300		0.566	
		1	5.220	0.300	0.300		0.470	
	B10(GRID 4-4)	1	3.700	0.300	0.300		0.333	
		1	5.880	0.300	0.300		0.530	
		1	5.520	0.300	0.300		0.497	
		1	5.100	0.300	0.300		0.459	
	B11(GRID 4-4)	1	2.890	0.300	0.300		0.261	
	B12(GRID 4-4)	1	4.620	0.300	0.300		0.416	
		1	6.270	0.300	0.300		0.565	
		1	4.540	0.300	0.300		0.409	
		1	3.660	0.300	0.300		0.330	
	B13(GRID 4-5)	1	5.200	0.300	0.300		0.468	
	B14(GRID 4-5)	1	21.010	0.300	0.300		1.891	
	B15(GRID 5-5)	1	12.000	0.300	0.450		1.620	
		1	5.200	0.300	0.450		0.703	
	B16(GRID 5-5)	1	3.000	0.300	0.300		0.270	
		1	11.700	0.300	0.300		1.053	
	B17(GRID 5-5)	1	8.800	0.300	0.450		1.189	
	B18(GRID 6-6)	1	3.700	0.300	0.300		0.333	
		1	5.580	0.300	0.300		0.503	
		1	5.320	0.300	0.300		0.479	
		1	5.050	0.300	0.300		0.455	
	B19(GRID 6-6)	1	2.950	0.300	0.450		0.399	
	B20(GRID 6-6)	1	6.400	0.300	0.300		0.576	
		1	4.600	0.300	0.300		0.414	

		1	3.700	0.300	0.300		0.333	
	B21(GRID 7-7)	1	7.400	0.300	0.300		0.666	
	B22(GRID 8-8)	1	3.100	0.300	0.300		0.279	
		1	3.100	0.300	0.300		0.279	
	B23(GRID 1-2)	5	1.310	0.300	0.150		0.295	
	B24(GRID 2-2)	1	3.900	0.300	0.300		0.351	
	B25(GRID 5-6)	2	1.300	0.300	0.150		0.117	
	B26(GRID 6-6)	1	3.800	0.300	0.450		0.513	
	B27(GRID 5-6)	1	3.800	0.300	0.450		0.513	
	B28(GRID 4-4)	1	5.700	0.300	0.300		0.513	
	B29(GRID 3-3)	1	5.700	0.300	0.300		0.513	
	B30(GRID 2-2)	1	5.700	0.300	0.300		0.513	
	B31(GRID 4-1)	1	3.000	0.300	0.300		0.270	
		1	4.700	0.300	0.300		0.423	
		1	5.100	0.300	0.300		0.459	
	B32(GRID 4-6)	1	5.000	0.300	0.300		0.450	
		1	5.500	0.300	0.300		0.495	
	B33(GRID 1-2)	1	6.220	0.300	0.300		0.560	
	B34(GRID 2-3)	1	3.780	0.300	0.300		0.341	
	B35(GRID 4-5)	1	5.420	0.300	0.300		0.488	
	B36(GRID 5-6)	1	5.580	0.300	0.150		0.252	
	B37(GRID 4-1)	1	5.000	0.300	0.300		0.450	
		1	4.700	0.300	0.450		0.635	
		1	3.000	0.300	0.450		0.405	
	B38(GRID 4-6)	1	4.800	0.300	0.450		0.648	
		1	5.700	0.300	0.450		0.770	
	B39(GRID C-C)	1	10.200	0.300	0.300		0.918	
		1	3.000	0.300	0.300		0.270	
	B40(GRID C-C)	1	5.500	0.300	0.300		0.495	
	B41(GRID 5-6)	1	5.700	0.300	0.300		0.513	
	B42(GRID D-D)	1	4.700	0.300	0.300		0.423	
		1	5.000	0.300	0.300		0.450	
	B43(GRID E-E)	1	10.200	0.300	0.300		0.918	

	B44(GRID 4-6)	1	5.700	0.300	0.450		0.770	
		1	5.100	0.300	0.450		0.689	
	B45(GRID 4-6)	1	5.700	0.300	0.450		0.770	
		1	5.100	0.300	0.450		0.689	
	B46(GRID 4-1)	1	3.000	0.300	0.300		0.270	
		1	4.700	0.300	0.300		0.423	
		1	4.800	0.300	0.300		0.432	
	B47(GRID 5-6)	1	5.700	0.300	0.300		0.513	
	B48(GRID 1-3)	1	10.300	0.300	0.300		0.927	
	B49(GRID 3-6)	1	10.800	0.300	0.450		1.459	
	B50(GRID 1-3)	1	4.800	0.300	0.300		0.432	
		1	4.700	0.300	0.300		0.423	
	B51(GRID 6-4)	1	5.400	0.300	0.300		0.486	
	B52(GRID I-I)	1	10.300	0.300	0.450		1.391	
	B53(GRID 6-6)	1	4.700	0.300	0.300		0.423	
	B54(GRID 5-6)	1	5.100	0.300	0.300		0.459	
		1	5.400	0.300	0.300		0.486	
	B55(GRID 2-4)	1	4.750	0.300	0.300		0.428	
		1	2.900	0.300	0.300		0.261	
	B56(GRID 2-4)	1	4.750	0.300	0.300		0.428	
		1	2.700	0.300	0.300		0.243	
	B57(GRID 6-8)	1	1.580	0.300	0.300		0.143	
		1	4.510	0.300	0.300		0.406	
	B58(GRID 6-8)	1	6.400	0.300	0.300		0.576	
	B59(GRID 6-8)	1	1.580	0.300	0.450		0.214	
		1	4.510	0.300	0.450		0.609	
	B60(GRID 4-5)	1	5.100	0.300	0.450		0.689	
	B61(GRID 4-5)	1	4.500	0.300	0.450		0.608	
	B62(GRID 4-6)	1	11.000	0.300	0.300		0.990	
	B63(GRID 4-3)	1	3.000	0.300	0.300		0.270	
	B64(GRID 4-3)	1	3.000	0.300	0.300		0.270	
	B65(GRID 4-3)	1	3.000	0.300	0.300		0.270	
GROUND FLOOR ROOF SLAB								

	S1	1	42.800	11.190	0.150		71.840	
		1	6.000	3.490	0.150		3.141	
		1	5.600	9.600	0.150		8.064	
		1	6.290	21.600	0.150		20.380	
		1	5.300	5.600	0.150		4.452	
		1	12.700	11.900	0.150		22.670	
		1	5.720	2.600	0.150		2.231	
		1	8.850	3.300	0.150		4.381	
		1	3.000	4.370	0.150		1.967	
	PORCH S1	1	8.000	5.410	0.150		6.492	
		-1	7.700	6.000	0.150		-6.930	
	S2	1	7.700	6.000	0.150		6.931	
		1	2.300	1.120	0.150		0.387	
	S4	1	1.910	5.660	0.150		1.622	
		1	1.200	4.380	0.150		0.789	
		1	1.600	5.700	0.150		1.368	
		1	4.200	6.180	0.150		3.894	
		1	5.200	5.900	0.150		4.602	
		1	3.300	6.290	0.150		3.114	
		1	8.000	1.590	0.150		1.908	
	S3	1	2.290	5.760	0.150		1.979	
		1	3.000	5.600	0.150		2.520	
		1	5.900	6.700	0.150		5.930	
		1	3.290	38.150	0.150		18.828	
TERRACE FLOOR COLUMNS								
	C1	4	0.300	0.500	2.100		1.260	
	C2	6	0.300	0.500	2.100		1.891	
	C3	2	0.300	0.600	2.100		0.756	
GROUND FLOOR STAIR								
	1ST FLIGHT	1	3.870	2.000	0.150		1.161	
	2ND FLIGHT	1	2.380	2.000	0.150		0.714	
	3RD FLIGHT	1	3.700	2.000	0.150		1.110	
	LANDING	2	2.000	2.000	0.150		1.200	

	STEPS	0.5*28	2.000	0.300	0.150		1.260	
	Z BEAM	1	5.150	0.300	0.550		0.850	
	FIRE STAIR FLIGHT	1	3.870	2.000	0.150		1.161	
	2ND FLIGHT	1	2.380	2.000	0.150		0.714	
	3RD FLIGHT	1	3.700	2.000	0.150		1.110	
	LANDING	2	2.000	2.000	0.150		1.200	
		0.5*28	2.000	0.300	0.150		1.260	
	Z BEAM	1	5.750	0.300	0.550		0.949	
STUB COLUMN								
	C1	8	0.300	0.500	0.600		0.720	
	C2	6	0.300	0.500	0.600		0.540	
	C3	12	0.300	0.600	0.600		1.296	
	C4	5	0.300	0.600	0.600		0.540	
	C5	3	0.300	0.600	0.600		0.324	
	C6	15	0.400	0.600	0.600		2.160	
	C7	3	0.400	0.600	0.600		0.432	
	C8	1	0.400	0.600	0.600		0.144	
	C9	2	0.400	0.600	0.600		0.288	
	C10	6	0.400	0.600	0.600		0.864	
Total Quantity							719.363 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							719.363 cum	
Say 719.363 cum @ Rs 103.35 / cum							<b>Rs 74346.17</b>	
21	od304920/2019_2020 Providing and laying autoclaved aerated cement blocks masonry with 100 mm thick AAC blocks in super structure above plinth level up to floor V level in cement mortar 1:4 (1 cement : 4 coarse sand ). The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work.							
	MMV WORKSHOP	1	4.000	0.100	3.750		1.500	
		1	3.800	0.100	3.750		1.425	
	STORE	2	5.700	0.100	3.750		4.275	
		4	2.780	0.100	3.750		4.170	
	TOILET AND CHANGE	1	3.570	0.100	3.750		1.339	





	STORE	2	5.200	0.200	3.750		7.801	
		2	5.200	0.200	3.750		7.801	
	FRONT	1	42.200	0.200	3.750		31.651	
	STAFFROOM	1	18.200	0.200	3.750		13.650	
		1	10.400	0.200	3.750		7.801	
		1	11.700	0.200	3.750		8.775	
		1	10.000	0.200	3.750		7.500	
		1	10.500	0.200	3.750		7.875	
	DINING	1	10.050	0.200	3.750		7.538	
		1	5.000	0.200	3.750		3.750	
	TOILET	1	5.200	0.200	3.750		3.901	
		2	1.700	0.200	3.750		2.551	
		1	5.320	0.200	3.750		3.990	
		2	1.980	0.200	3.750		2.970	
		1	8.800	0.200	3.750		6.601	
	STAFFROOM	1	7.350	0.200	3.750		5.513	
		2	5.700	0.200	3.750		8.550	
	DESIGN SIDE WINDOW	18	0.600	0.200	5.850		12.636	
	MD	-1	0.300	0.200	2.100		-0.126	
	D	-1	1.800	0.200	2.100		-0.756	
	D1	-11	1.000	0.200	2.100		-4.620	
	D2	-8	1.200	0.200	2.100		-4.032	
	D3	-4	0.800	0.200	2.100		-1.344	
	W2	-8	1.000	0.200	1.500		-2.400	
	W4	-24	2.000	0.200	1.500		-14.400	
	V	-14	1.000	0.200	0.500		-1.400	
	RS	-1	4.000	0.200	2.400		-1.920	
	RS1	-2	2.400	0.200	2.400		-2.304	
						Total Quantity	244.411 cum	
						Total Deducted Quantity	0.000 cum	
						Net Total Quantity	244.411 cum	
						Say 244.411 cum @ Rs 8457.25 / cum	<b>Rs 2067044.93</b>	

23	7.1.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand)								
		FOR RAMPS							
	WORKSHOP RAMP	1	5.000	0.600	0.600		1.800		
	„	2	4.800	0.600	.5*(.6+1.2)		5.184		
	FRONT RAMP	1	1.000	0.600	0.600		0.360		
		1	5.000	0.600	.5*(.6+1.2)		2.700		
		Total Quantity					10.044 cum		
		Total Deducted Quantity					0.000 cum		
		Net Total Quantity					10.044 cum		
		Say 10.044 cum @ Rs 5897.62 / cum					<b>Rs 59235.70</b>		
24	5.3 Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15 <sup>0</sup> landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).								
		10CM WIDE RC LINTELS AND BANDS							
	MMV WORKSHOP	1	4.000	0.100	0.150	2.0	0.120		
		1	3.800	0.100	0.150	2.0	0.114		
	STORE	2	5.700	0.100	0.150	2.0	0.342		
		4	2.780	0.100	0.150	2.0	0.334		
	TOILET AND CHANGE	1	3.570	0.100	0.150	2.0	0.108		
		2	1.600	0.100	0.150	2.0	0.097		
		2	2.660	0.100	0.150	2.0	0.160		
		1	3.000	0.100	0.150	2.0	0.091		
	TOILET AND CHANGE	3	2.690	0.100	0.150	2.0	0.243		
		2	5.300	0.100	0.150	2.0	0.318		
		4	1.640	0.100	0.150	2.0	0.197		
	STORE	1	5.800	0.100	0.150	2.0	0.174		
		1	2.600	0.100	0.150	2.0	0.078		
	DUCT	2	1.200	0.100	0.150	2.0	0.072		

	DEDUCE D3	-11	0.800	0.100	0.150		-0.132	
	20CM WIDE RC LINTELS AND BANDS							
	MMV WORKSHOP	1	41.400	0.200	0.150	2.0	2.484	
		1	9.900	0.200	0.150	2.0	0.595	
		1	38.800	0.200	0.150	2.0	2.328	
		1	5.650	0.200	0.150	2.0	0.339	
		1	9.700	0.200	0.150	2.0	0.582	
	LEFT SIDE WALL	1	23.100	0.200	0.150	2.0	1.386	
	TOILET AND CHANGE	1	2.690	0.200	0.150	2.0	0.162	
	PLUMBER WORKSHOP	1	16.600	0.200	0.150	2.0	0.996	
		1	10.500	0.200	0.150	2.0	0.630	
		1	10.800	0.200	0.150	2.0	0.648	
	STORE	2	5.200	0.200	0.150	2.0	0.624	
		2	5.200	0.200	0.150	2.0	0.624	
	FRONT	1	42.200	0.200	0.150	2.0	2.533	
	STAFFROOM	1	18.200	0.200	0.150	2.0	1.092	
		1	10.400	0.200	0.150	2.0	0.624	
		1	11.700	0.200	0.150	2.0	0.702	
		1	10.000	0.200	0.150	2.0	0.600	
		1	10.500	0.200	0.150	2.0	0.630	
	DINING	1	10.050	0.200	0.150	2.0	0.604	
		1	5.000	0.200	0.150	2.0	0.300	
	TOILET	1	5.200	0.200	0.150	2.0	0.312	
		2	1.700	0.200	0.150	2.0	0.205	
		1	5.320	0.200	0.150	2.0	0.320	
		2	1.980	0.200	0.150	2.0	0.238	
		1	8.800	0.200	0.150	2.0	0.528	
	STAFFROOM	1	7.350	0.200	0.150	2.0	0.441	
		2	5.700	0.200	0.150	2.0	0.684	
	MD	-1	0.300	0.200	0.150		-0.009	
	D	-1	1.800	0.200	0.150		-0.054	

	D1	-11	1.000	0.200	0.150		-0.329	
	D2	-8	1.200	0.200	0.150		-0.288	
	D3	-4	0.800	0.200	0.150		-0.096	
	RS	-1	4.000	0.200	0.150		-0.120	
	RS1	-2	2.400	0.200	0.150		-0.144	
	RC SUNSHADE							
		1	46.200	0.600	0.100		2.773	
	Total Quantity						25.260 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						25.260 cum	
	Say 25.260 cum @ Rs 10990.86 / cum						<b>Rs 277629.12</b>	
25	13.4.1 12 mm cement plaster of mix:1:4 ( 1 cement : 4 coarse sand)							
	GROUND FLOOR-EXTERNAL PLASTERING							
	WALLS	1	172.600		5.250		906.150	
	STEP	3	5.500		0.300		4.950	
		3	5.500		0.150		2.475	
		12	0.150		0.300		0.540	
	FRONT	1	8.030		4.500		36.135	
		-2	1.580		4.050		-12.798	
		-2	4.510		4.650		-41.943	
		-2	3.100		4.650		-28.830	
	W4	-8.5	2.000	1.500			-25.500	
	D2	-0.5	1.200	2.100			-1.260	
	V	-7	1.000	0.500			-3.500	
	RS	-1	4.000	2.400			-9.600	
	MD	-1	3.000	2.100			-6.300	
	SUNSHADES, W4	32	2.300	0.600			44.160	
	V	2	6.300	0.600			7.560	
		2	4.200	0.600			5.040	
		2	4.900	0.600			5.880	
	PLANTER BOX	9	2.200	0.750			14.851	
		4	3.100	0.750			9.300	

	DESIGN SIDE WINDOW	36	0.600	5.850			126.360		
		8	0.700	5.850			32.760		
	TERRACE FLOOR-EXTERNAL								
	STAIR ROOM 1	1	29.600		2.100		62.161		
	STAIR ROOM 2	1	29.320		2.100		61.572		
	DUCT ROOM	1	6.400		2.100		13.441		
	PARAPET	1	127.600		0.600		76.560		
	D2	-1	1.200		2.100		-2.520		
	Total Quantity							1277.644 sqm	
	Total Deducted Quantity							0.000 sqm	
	Net Total Quantity							1277.644 sqm	
	Say 1277.644 sqm @ Rs 268.94 / sqm							<b>Rs 343609.58</b>	
26	13.4.2 12 mm cement plaster of mix:1:6 ( 1 cement : 6 coarse sand)								
	GROUND FLOOR-INTERNAL PLASTERING								
	MMV WORKSHOP	1	93.600		4.500		421.200		
	CABIN	1	10.600		4.500		47.700		
	STORE	1	11.590		4.500		52.155		
	W I R E M A N W O R K S H O P	1	46.400		4.500		208.800		
	G I CABIN	1	10.420		4.500		46.890		
	STORE	1	11.400		4.500		51.301		
	PRINCIPAL ROOM	1	29.790		4.500		134.055		
	VICE PRINCIPAL	1	30.600		4.500		137.701		
	TOILET	2	8.800		4.500		79.200		
	STAFF ROOM	1	33.900		4.500		152.550		
	RECORD ROOM	1	16.140		4.500		72.630		
	STAFF DINING ROOM	1	23.620		4.500		106.290		
	TOILET	2	7.800		4.500		70.200		
	P L U M B E R W O R K S H O P	1	49.220		4.500		221.490		
	STORE	1	11.300		4.500		50.850		

	GI CABIN	1	9.800		4.500		44.100	
	STORE	1	17.400		4.500		78.300	
	CHANGE ROOM	5	8.600		4.500		193.500	
	TOILET	6	2.800		4.500		75.600	
	TOILET PASSAGE	1	59.950		4.500		269.776	
	FRONT PASSAGE	1	38.000		4.500		171.000	
	STAFF ROOM PASSAGE	1	25.700		4.500		115.650	
	PASSAGE	1	85.000		4.500		382.500	
	FIRE STAIR ROOM	1	26.000		4.500		117.000	
	PORCH	1	20.000		0.450		9.000	
	COLUMNS	2	1.800		4.500		16.200	
	W4	-15.5	2.000	1.500			-46.500	
	D2	-4	1.200	2.100			-10.080	
	D1	-5.5	1.000	2.100			-11.550	
	D3	-7	0.800	2.100			-11.760	
	RS1	-1	2.400	2.400			-5.760	
	MD	-0.5	3.000	2.100			-3.150	
	V	-7	1.000	0.500			-3.500	
	RS	-1	4.000	2.400			-9.600	
	TERRACE FLOOR-INTERNAL							
	STAIR ROOM 1	1	28.800		2.100		60.481	
	STAIR ROOM 2	1	28.520		2.100		59.892	
	DUCT ROOM	1	7.200		2.100		15.121	
	PARAPET	1	127.600		0.600		76.560	
	D2	-1	1.200		2.100		-2.520	
	Total Quantity						3535.172 sqm	
	Total Deducted Quantity						-101.900 sqm	
	Net Total Quantity						3433.272 sqm	
	Say 3433.272 sqm @ Rs 250.20 / sqm						<b>Rs 859004.65</b>	
27	13.16.1 6 mm cement plaster of mix:1:3 ( 1 cement : 3 fine sand)							
	GROUND FLOOR-CEILING							

	MMV WORKSHOP	1	4.150	4.150			17.223	
		1	27.100	10.850			294.035	
		1	2.900	5.100			14.790	
	W I R E M A N W O R K S H O P	1	6.500	10.850			70.525	
		1	5.700	8.000			45.600	
	PASSAGE	1	52.600	3.000			157.800	
	PRINCIPAL ROOM	1	7.000	5.600			39.200	
	VICE PRINCIPAL	1	7.000	5.600			39.200	
	PASSAGE	1	1.500	12.000			18.000	
	STAFF ROOM	1	10.100	6.600			66.660	
	RECORD ROOM	1	3.100	4.980			15.439	
	STAFF DINING	1	6.800	3.300			22.440	
		1	1.600	1.650			2.640	
	PASSAGE	1	3.000	12.130			36.390	
	P L U M B E R W O R K S H O P	1	12.200	11.800			143.960	
	GI CABIN	1	2.800	2.500			7.000	
		1	2.500	2.700			6.750	
		1	2.400	2.500			6.000	
	STORE	1	2.400	3.200			7.680	
		1	2.900	5.800			16.820	
		1	2.800	3.000			8.400	
		1	3.000	2.700			8.101	
	MAIN STAIR FLIGHT	2	9.520	2.000			38.080	
	LANDING	2	2.000	2.000			8.000	
	FIRE STAIR FLIGHT	2	9.520	2.000			38.080	
	LANDING	2	2.000	2.000			8.000	
	TOILET	6	1.200	1.600			11.520	
		5	2.700	1.400			18.900	
		1	3.570	2.300			8.211	
		1	1.000	1.700			1.700	
		1	1.200	3.180			3.816	

		1	1.200	5.300			6.360	
		1	4.000	1.400			5.600	
		1	5.300	2.300			12.190	
	ISOLATED BEAMS	2	10.200	0.300			6.120	
		2	11.800	0.300			7.080	
		2	25.400	0.300			15.240	
		2	7.500	0.450			6.750	
		2	11.700	0.300			7.020	
		2	11.300	0.300			6.780	
		2	4.000	0.300			2.400	
		2	5.300	0.300			3.180	
		2	6.700	0.450			6.030	
		2	5.700	0.300			3.420	
		4	5.200	0.300			6.240	
		4	11.400	0.300			13.680	
						Total Quantity	1289.050 sqm	
						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	1289.050 sqm	
						Say 1289.050 sqm @ Rs 213.84 / sqm	<b>Rs 275650.45</b>	
28	22.5	<p>Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg /sqm mixed with water proofing cement compound @ 0.126 kg/ sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.</p>						
		WATER PROOFING-TOILET						
	TOILET	6	1.200	1.600	1.000		11.520	
		6*2	1.2+1.6		0.300		10.080	
	TOILET	5	2.700	1.400	1.000		18.900	
		5*2	2.7+1.4		0.300		12.300	
	TOILET	1	3.570	2.300	1.000		8.211	
		1*2	3.57+2.3		0.300		3.522	
	TOILET	1	1.000	1.700	1.000		1.700	



		1*2	1+1.7		0.300		1.620		
	TOILET	1	1.200	3.180	1.000		3.816		
		1*2	1.2+3.18		0.300		2.628		
	TOILET	1	1.200	5.300	1.000		6.360		
		1*2	1.2+5.3		0.300		3.900		
	TOILET	1	4.000	1.400	1.000		5.600		
		1*2	4+1.4		0.300		3.240		
	TOILET	1	5.300	2.300	1.000		12.190		
		1*2	5.3+2.3		0.300		4.560		
	TOILET	5	7.400	0.150	1.000		5.551		
		5*2	7.4+0.15		0.300		22.651		
		Total Quantity						138.349 sqm	
		Total Deducted Quantity						0.000 sqm	
		Net Total Quantity						138.349 sqm	
		Say 138.349 sqm @ Rs 443.60 / sqm						<b>Rs 61371.62</b>	
29	22.6 Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : a) after surface preparation, first layer of slurry of cement @ 0.488 kg/ sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. laying second layer of fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/ sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. d) fourth and final layer of brick tiling with cement mortar (which will be paid for separately. For the purpose of measurement the entire treated surface will be measured)								
	TERRACE	1	46.650	26.000			1212.900		
		1	7.000	8.000			56.000		
		-1	9.000	5.800			-52.199		
		-1	1.400	2.100			-2.940		
	PARAPET SIDE	1	155.400		0.300		46.620		
		Total Quantity						1260.381 sqm	
		Total Deducted Quantity						0.000 sqm	
		Net Total Quantity						1260.381 sqm	
		Say 1260.381 sqm @ Rs 587.40 / sqm						<b>Rs 740347.80</b>	
30	od250129/2019_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.							
	MMV WORKSHOP	1	4.150	4.150			17.223	
	"	1	27.100	10.850			294.035	
	"	1	2.900	5.100			14.790	
	W I R E M A N W O R K S H O P	1	6.500	10.850			70.525	
	"	1	5.700	8.000			45.600	
	Total Quantity						442.173 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						442.173 sqm	
	Say 442.173 sqm @ Rs 599.89 / sqm						<b>Rs 265255.16</b>	
31	11.36 Providing and fixing 1 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	6	5.600		2.100		70.560	
	TOILET	2	7.800		2.100		32.760	
	TOILET	2	8.800		2.100		36.961	
	DEDUCTION,D3	-10	0.800		2.100		-16.800	
	Total Quantity						123.481 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						123.481 sqm	
	Say 123.481 sqm @ Rs 1107.59 / sqm						<b>Rs 136766.32</b>	
32	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	6	1.200	1.600			11.520
	"	5	2.700	1.400			18.900
	"	1	3.570	2.300			8.211
	"	1	1.000	1.700			1.700
	"	1	1.200	3.180			3.816
	"	1	1.200	5.300			6.360
	"	1	4.000	1.400			5.600
	"	1	5.300	2.300			12.190
	"	2	2.400	1.500			7.200
	"	2	2.000	2.400			9.600
	Total Quantity						85.097 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						85.097 sqm
	Say 85.097 sqm @ Rs 1112.20 / sqm						<b>Rs 94644.88</b>
33	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.						
	PASSAGE	1	52.600	3.000			157.800
	"	1*2	52.6+3		0.100		11.121
	PRINCIPAL ROOM	1	7.000	5.600			39.200
	"	1*2	7+5.6		0.100		2.520
	VICE PRINCIPAL ROOM	1	7.000	5.600			39.200
	"	1*2	7+5.6		0.100		2.520
	PASSAGE	1	1.500	12.000			18.000
	"	1*2	1.5+12		0.100		2.700
	STAFF ROOM	1	10.100	6.600			66.660
	"	1*2	10.1+6.6		0.100		3.340
	RECORD ROOM	1	3.100	4.980			15.439
	"	1*2	3.1+4.98		0.100		1.616

	STAFF DINING	1	6.800	3.300			22.440	
	"	1	1.600	1.650			2.640	
	"	1*2	6.8+3.3+1.6+1.65		0.100		2.670	
	PASSAGE	1	3.000	12.130			36.390	
	"	1*2	3+12.13		0.100		3.027	
	P L U M B E R W O R K S H O P	1	12.200	11.800			143.960	
	"	1*2	12.2+11.8		0.100		4.801	
	GI CABIN	1	2.800	2.500			7.000	
	"	1	2.500	2.700			6.750	
	"	1	2.400	2.500			6.000	
	"	1*2	15.400		0.100		3.080	
	STORE	1	2.400	3.200			7.680	
	"	1	2.900	5.800			16.820	
	"	1	2.800	3.000			8.400	
	"	1	3.000	2.700			8.101	
	"	1*2	25.800		0.100		5.160	
	ENTRANCE	1	1.600	11.750			18.800	
	STEPS	3	5.500	0.300			4.950	
	"	4	5.500	0.150			3.300	
	MAIN STAIR RISE	28	0.150	2.000			8.400	
	"	31	0.300	2.000			18.600	
	"	2	2.000	2.000			8.000	
	FIRE STAIR RISE	28	0.150	2.000			8.400	
	"	31	0.300	2.000			18.600	
	"	2	2.000	2.000			8.000	
	TERRACE STAIR AREA	2	3.200	5.800			37.120	
	"	2*2	3.2+5.8		0.100		3.600	
	Total Quantity						782.805 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						782.805 sqm	
	Say 782.805 sqm @ Rs 1664.66 / sqm						<b>Rs 1303104.17</b>	

34	od250158/2019_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.							
	PLANTER BOX AT WINDOWS	9	2.000		1.080		19.440	
	ENTRANCE	2	8.300		1.080		17.929	
	Total Quantity						37.369 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						37.369 sqm	
	Say 37.369 sqm @ Rs 1215.47 / sqm						<b>Rs 45420.90</b>	
35	od250159/2019_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.							
	E N T R A N C E C O L U M N	3	1.800		5.000		27.000	
	„ BEAM BOTTOM	1	3.1+3.1+2 *6.7	0.300			5.880	
	„ BEAM OUTER SIDE	1	8+7+7		0.450		9.900	
	„ INSIDE	1	7.4+6.7+6. 7		0.300		6.240	
	FINWALL	18	1.350		5.450		132.435	
	CORNER FINWALL	4	1.850		5.450		40.331	
	Total Quantity						221.786 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						221.786 sqm	
	Say 221.786 sqm @ Rs 1204.61 / sqm						<b>Rs 267165.63</b>	
36	13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer							
	GROUND FLOOR-EXTERNAL PLASTERING							
	WALLS	1	172.600		5.250		906.150	
	STEP	3	5.500		0.300		4.950	
	"	3	5.500		0.150		2.475	

"	12	0.150		0.300		0.540	
FRONT	1	8.030		4.500		36.135	
"	-2	1.580		4.050		-12.798	
"	-2	4.510		4.650		-41.943	
"	-2	3.100		4.650		-28.830	
W4	-8.5	2.000	1.500			-25.500	
D2	-0.5	1.200	2.100			-1.260	
V	-7	1.000	0.500			-3.500	
RS	-1	4.000	2.400			-9.600	
MD	-1	3.000	2.100			-6.300	
SUNSHADES, W4	32	2.300	0.600			44.160	
V	2	6.300	0.600			7.560	
"	2	4.200	0.600			5.040	
"	2	4.900	0.600			5.880	
PLANTER BOX	9	2.200	0.750			14.851	
"	4	3.100	0.750			9.300	
DESIGN SIDE WINDOW	36	0.600	5.850			126.360	
"	8	0.700	5.850			32.760	
GROUND FLOOR-INTERNAL PLASTERING							
MMV WORKSHOP	1	93.600		4.500		421.200	
CABIN	1	10.600		4.500		47.700	
STORE	1	11.590		4.500		52.155	
W I R E M A N W O R K S H O P	1	46.400		4.500		208.800	
G I CABIN	1	10.420		4.500		46.890	
STORE	1	11.400		4.500		51.301	
PRINCIPAL ROOM	1	29.790		4.500		134.055	
VICE PRINCIPAL	1	30.600		4.500		137.701	
TOILET	2	8.800		4.500		79.200	
STAFF ROOM	1	33.900		4.500		152.550	
RECORD ROOM	1	16.140		4.500		72.630	
STAFF DINING ROOM	1	23.620		4.500		106.290	

	TOILET	2	7.800		4.500		70.200	
	P L U M B E R W O R K S H O P	1	49.220		4.500		221.490	
	STORE	1	11.300		4.500		50.850	
	GI CABIN	1	9.800		4.500		44.100	
	STORE	1	17.400		4.500		78.300	
	CHANGE ROOM	5	8.600		4.500		193.500	
	TOILET	6	2.800		4.500		75.600	
	TOILET PASSAGE	1	59.950		4.500		269.776	
	FRONT PASSAGE	1	38.000		4.500		171.000	
	S T A F F R O O M P A S S A G E	1	25.700		4.500		115.650	
	PASSAGE	1	85.000		4.500		382.500	
	FIRE STAIR ROOM	1	26.000		4.500		117.000	
	PORCH	1	20.000		0.450		9.000	
	COLUMNS	2	1.800		4.500		16.200	
	W4	-15.5	2.000	1.500			-46.500	
	D2	-4	1.200	2.100			-10.080	
	D1	-5.5	1.000	2.100			-11.550	
	D3	-7	0.800	2.100			-11.760	
	RS1	-1	2.400	2.400			-5.760	
	MD	-0.5	3.000	2.100			-3.150	
	V	-7	1.000	0.500			-3.500	
	RS	-1	4.000	2.400			-9.600	
	TERRACE FLOOR-INTERNAL							
	STAIR ROOM 1	1	28.800		2.100		60.481	
	STAIR ROOM 2	1	28.520		2.100		59.892	
	DUCT ROOM	1	7.200		2.100		15.121	
	PARAPET	1	127.600		0.600		76.560	
	DEDUCE,D2	-1	1.200		2.100		-2.520	
	GROUND FLOOR-CEILING							
	MMV WORKSHOP	1	4.150	4.150			17.223	
	"	1	27.100	10.850			294.035	

"	1	2.900	5.100			14.790	
W I R E M A N W O R K S H O P	1	6.500	10.850			70.525	
"	1	5.700	8.000			45.600	
PASSAGE	1	52.600	3.000			157.800	
PRINCIPAL ROOM	1	7.000	5.600			39.200	
VICE PRINCIPAL	1	7.000	5.600			39.200	
PASSAGE	1	1.500	12.000			18.000	
STAFF ROOM	1	10.100	6.600			66.660	
RECORD ROOM	1	3.100	4.980			15.439	
STAFF DINING	1	6.800	3.300			22.440	
"	1	1.600	1.650			2.640	
PASSAGE	1	3.000	12.130			36.390	
P L U M B E R W O R K S H O P	1	12.200	11.800			143.960	
GI CABIN	1	2.800	2.500			7.000	
"	1	2.500	2.700			6.750	
"	1	2.400	2.500			6.000	
STORE	1	2.400	3.200			7.680	
"	1	2.900	5.800			16.820	
"	1	2.800	3.000			8.400	
"	1	3.000	2.700			8.101	
MAIN STAIR FLIGHT	2	9.520	2.000			38.080	
LANDING	2	2.000	2.000			8.000	
FIRE STAIR FLIGHT	2	9.520	2.000			38.080	
LANDING	2	2.000	2.000			8.000	
TOILET	6	1.200	1.600			11.520	
"	5	2.700	1.400			18.900	
"	1	3.570	2.300			8.211	
"	1	1.000	1.700			1.700	
"	1	1.200	3.180			3.816	
"	1	1.200	5.300			6.360	
"	1	4.000	1.400			5.600	



	"	1	5.300	2.300			12.190		
	ISOLATED BEAMS	2	10.200	0.300			6.120		
	"	2	11.800	0.300			7.080		
	"	2	25.400	0.300			15.240		
	"	2	7.500	0.450			6.750		
	"	2	11.700	0.300			7.020		
	"	2	11.300	0.300			6.780		
	"	2	4.000	0.300			2.400		
	"	2	5.300	0.300			3.180		
	"	2	6.700	0.450			6.030		
	"	2	5.700	0.300			3.420		
	"	4	5.200	0.300			6.240		
	"	4	11.400	0.300			13.680		
			Total Quantity					5890.652 sqm	
			Total Deducted Quantity					-101.900 sqm	
			Net Total Quantity					5788.752 sqm	
			Say 5788.752 sqm @ Rs 54.95 / sqm					<b>Rs 318091.92</b>	
37	13.50.3	<p style="text-align: center;">Other Engineering Organisations</p> <p>Applying priming coat:With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron /steel works</p>							
	W2 GRILLS	5	1.000	1.500			7.500		
	W4 GRILLS	25	2.000	1.500			75.000		
	V GRILLS	15	0.600	0.500			4.500		
	RS	1*2	4.000	2.400		1.1	21.120		
	RS1	2*2	2.400	2.400		1.1	25.344		
	MD, COLLAPSIBLE	1	2.950		4.000	1.5	17.701		
			Total Quantity					151.165 sqm	
			Total Deducted Quantity					0.000 sqm	
			Net Total Quantity					151.165 sqm	
			Say 151.165 sqm @ Rs 43.27 / sqm					<b>Rs 6540.91</b>	
38	13.52.1	<p>Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.On steel work</p>							

Painting 50mmx50mmx16 g thick Galvanized square hollow section member									
		4*2	4.570		0.200		7.313		
		4*2	7.000		0.200		11.201		
	Total Quantity						18.514 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						18.514 sqm		
	Say 18.514 sqm @ Rs 182.17 / sqm						<b>Rs 3372.70</b>		
39	13.82.2 Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture including applying additional coats wherever required, to achieve even shade and colour.Two coats								
GROUND FLOOR-INTERNAL PLASTERING									
	MMV WORKSHOP	1	93.600		4.500		421.200		
	CABIN	1	10.600		4.500		47.700		
	STORE	1	11.590		4.500		52.155		
	W I R E M A N W O R K S H O P	1	46.400		4.500		208.800		
	G I CABIN	1	10.420		4.500		46.890		
	STORE	1	11.400		4.500		51.301		
	PRINCIPAL ROOM	1	29.790		4.500		134.055		
	VICE PRINCIPAL	1	30.600		4.500		137.701		
	TOILET	2	8.800		4.500		79.200		
	STAFF ROOM	1	33.900		4.500		152.550		
	RECORD ROOM	1	16.140		4.500		72.630		
	STAFF DINING ROOM	1	23.620		4.500		106.290		
	TOILET	2	7.800		4.500		70.200		
	P L U M B E R W O R K S H O P	1	49.220		4.500		221.490		
	STORE	1	11.300		4.500		50.850		
	GI CABIN	1	9.800		4.500		44.100		
	STORE	1	17.400		4.500		78.300		
	CHANGE ROOM	5	8.600		4.500		193.500		
	TOILET	6	2.800		4.500		75.600		
	TOILET PASSAGE	1	59.950		4.500		269.776		

	FRONT PASSAGE	1	38.000		4.500		171.000	
	STAFF ROOM PASSAGE	1	25.700		4.500		115.650	
	PASSAGE	1	85.000		4.500		382.500	
	FIRE STAIR ROOM	1	26.000		4.500		117.000	
	PORCH	1	20.000		0.450		9.000	
	COLUMNS	2	1.800		4.500		16.200	
	W4	-15.5	2.000	1.500			-46.500	
	D2	-4	1.200	2.100			-10.080	
	D1	-5.5	1.000	2.100			-11.550	
	D3	-7	0.800	2.100			-11.760	
	RS1	-1	2.400	2.400			-5.760	
	MD	-0.5	3.000	2.100			-3.150	
	V	-7	1.000	0.500			-3.500	
	RS	-1	4.000	2.400			-9.600	
	TERRACE FLOOR-INTERNAL							
	STAIR ROOM 1	1	28.800		2.100		60.481	
	STAIR ROOM 2	1	28.520		2.100		59.892	
	DUCT ROOM	1	7.200		2.100		15.121	
	PARAPET	1	127.600		0.600		76.560	
	D2	-1	1.200		2.100		-2.520	
	GROUND FLOOR-CEILING							
	MMV WORKSHOP	1	4.150	4.150			17.223	
		1	27.100	10.850			294.035	
		1	2.900	5.100			14.790	
	W I R E M A N W O R K S H O P	1	6.500	10.850			70.525	
		1	5.700	8.000			45.600	
	PASSAGE	1	52.600	3.000			157.800	
	PRINCIPAL ROOM	1	7.000	5.600			39.200	
	VICE PRINCIPAL	1	7.000	5.600			39.200	
	PASSAGE	1	1.500	12.000			18.000	
	STAFF ROOM	1	10.100	6.600			66.660	

	RECORD ROOM	1	3.100	4.980			15.439	
	STAFF DINING	1	6.800	3.300			22.440	
		1	1.600	1.650			2.640	
	PASSAGE	1	3.000	12.130			36.390	
	P L U M B E R W O R K S H O P	1	12.200	11.800			143.960	
	GI CABIN	1	2.800	2.500			7.000	
		1	2.500	2.700			6.750	
		1	2.400	2.500			6.000	
	STORE	1	2.400	3.200			7.680	
		1	2.900	5.800			16.820	
		1	2.800	3.000			8.400	
		1	3.000	2.700			8.101	
	MAIN STAIR FLIGHT	2	9.520	2.000			38.080	
	LANDING	2	2.000	2.000			8.000	
	FIRE STAIR FLIGHT	2	9.520	2.000			38.080	
	LANDING	2	2.000	2.000			8.000	
	TOILET	6	1.200	1.600			11.520	
		5	2.700	1.400			18.900	
		1	3.570	2.300			8.211	
		1	1.000	1.700			1.700	
		1	1.200	3.180			3.816	
		1	1.200	5.300			6.360	
		1	4.000	1.400			5.600	
		1	5.300	2.300			12.190	
	ISOLATED BEAMS	2	10.200	0.300			6.120	
		2	11.800	0.300			7.080	
		2	25.400	0.300			15.240	
		2	7.500	0.450			6.750	
		2	11.700	0.300			7.020	
		2	11.300	0.300			6.780	
		2	4.000	0.300			2.400	
		2	5.300	0.300			3.180	

		2	6.700	0.450			6.030	
		2	5.700	0.300			3.420	
		4	5.200	0.300			6.240	
		4	11.400	0.300			13.680	
	Total Quantity						4824.222 sqm	
	Total Deducted Quantity						-101.900 sqm	
	Net Total Quantity						4722.322 sqm	
	Say 4722.322 sqm @ Rs 109.90 / sqm						<b>Rs 518983.19</b>	
40	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							
	DOORS AND WINDOW GRILLS							
	W2 GRILLS	5	1.000	1.500			7.500	
	W4 GRILLS	25	2.000	1.500			75.000	
	V GRILLS	15	0.600	0.500			4.500	
	RS	1*2	4.000	2.400		1.1	21.120	
	RS1	2*2	2.400	2.400		1.1	25.344	
	Other Engineering Organisations PRICE COLLAPSIBLE DOOR							
	MD COLLAPSIBLE	1	2.950	4.000		1.5	17.701	
	STRUCTURAL STEEL							
	MAINSTAIR	1	10.000	7.000	5.000	0.03	10.500	
	FIRE STAIR	1	9.740	7.320	5.000	0.03	10.695	
	Total Quantity						172.360 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						172.360 sqm	
	Say 172.360 sqm @ Rs 111.61 / sqm						<b>Rs 19237.10</b>	
41	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)							
	GROUND FLOOR-EXTERNAL PLASTERING							
	WALLS	1	172.600		5.250		906.150	
	STEP	3	5.500		0.300		4.950	
	"	3	5.500		0.150		2.475	

"	12	0.150		0.300		0.540	
FRONT	1	8.030		4.500		36.135	
"	-2	1.580		4.050		-12.798	
"	-2	4.510		4.650		-41.943	
"	-2	3.100		4.650		-28.830	
W4	-8.5	2.000	1.500			-25.500	
D2	-0.5	1.200	2.100			-1.260	
V	-7	1.000	0.500			-3.500	
RS	-1	4.000	2.400			-9.600	
MD	-1	3.000	2.100			-6.300	
SUNSHADES, W4	32	2.300	0.600			44.160	
V	2	6.300	0.600			7.560	
"	2	4.200	0.600			5.040	
"	2	4.900	0.600			5.880	
PLANTER BOX	9	2.200	0.750			14.851	
"	4	3.100	0.750			9.300	
DESIGN SIDE WINDOW	36	0.600	5.850			126.360	
"	8	0.700	5.850			32.760	
TERRACE FLOOR-EXTERNAL							
STAIR ROOM 1	1	29.600		2.100		62.161	
STAIR ROOM 2	1	29.320		2.100		61.572	
DUCT ROOM	1	6.400		2.100		13.441	
PARAPET	1	127.600		0.600		76.560	
DEDUCTION,D2	-1	1.200		2.100		-2.520	
Total Quantity						1277.644 sqm	
Total Deducted Quantity						0.000 sqm	
Net Total Quantity						1277.644 sqm	
Say 1277.644 sqm @ Rs 142.84 / sqm						<b>Rs 182498.67</b>	
42	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 required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated)					

	<p>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>						
	W2	5	1.000	1.500			7.500
	W4	25	2.000	1.500			75.000
	Total Quantity						82.500 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						82.500 sqm
	Say 82.500 sqm @ Rs 12451.79 / sqm						<b>Rs 1027272.68</b>
43	<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 <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 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. Fixed window / ventilator made of (small series) frame 47 x 50 mm &amp; mullion 47 x 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>						
	V	15	0.600	0.500			4.500
	Total Quantity						4.500 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						4.500 sqm
	Say 4.500 sqm @ Rs 8029.89 / sqm						<b>Rs 36134.51</b>
44	<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 -</p>						

	in -Charge. ( Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5.50 mm thickness							
	W2	5	1.000	1.500			7.500	
	W4	25	2.000	1.500			75.000	
	V	15	0.600	0.500			4.500	
	Total Quantity						87.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						87.000 sqm	
	Say 87.000 sqm @ Rs 1492.97 / sqm						<b>Rs 129888.39</b>	
45	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							
	W2	5	1.000	1.500		16.0	120.000	
	W4	25	2.000	1.500		16.0	1200.000	
	V	15	0.600	0.500		16.0	72.000	
	Total Quantity						1392.000 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						1392.000 kg	
	Say 1392.000 kg @ Rs 167.22 / kg						<b>Rs 232770.24</b>	
46	od250150/2019_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	3.000		2.100		6.301	
	D2	5	1.200		2.100		12.600	
	Total Quantity						18.901 sqm of door area	
	Total Deducted Quantity						0.000 sqm of door area	
	Net Total Quantity						18.901 sqm of door area	
	Say 18.901 sqm of door area @ Rs 10964.06 / sqm of door area						<b>Rs 207231.70</b>	
47	od250151/2019_2020							



	Supply and fix fully finished Pre Hung Door:-Both side Veneered (Sapeli/ Beech /RC Walnut/RC Teak etc) vertical grains Flush door with matching Veneer Wrapped Engineered wood Jamb (Frame) with front side Architraves and other side Tackers, all with specialised Lacquer Polish. Door of 35 mm thick with 4 side PVC Lipping / Lock Hole Boring (using mortise lock) / Hinge Rebate cutting (4 Nos.) /Extruded Sauerland core / Honey comb core filling. as per drawing and agreed schedule of rates inclusive of all applicable taxes to the satisfaction of site Engineer in charge.The above rate included all fixing and fitting lock, hinges,hardware items etc. ( Jacsons or approved equivalent)							
	D1	12	1.000		2.100		25.201	
	Total Quantity						25.201 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						25.201 sqm	
	Say 25.201 sqm @ Rs 9307.72 / sqm						<b>Rs 234563.85</b>	
48	od250152/2019_2020 Supply and fix fully finished Pre Hung Door:- Both side HP Laminate vertical grain pattern Flush door with matching PVC wrapped WPC Jamb with front side Architrave other side tackers. Door of 35mm thick with 4 side edges painted / Lock Hole Boring (Using mortise lock)/ Hinge Rebate Cutting (4 Nos) ,Jamb width 100 mm. Latch with Lever handles without Keys SS finish - 1 No, Hinges 4" x 3" x 3mm SS finish - 4 Nos .Tower Bolt 6" SS Finish - 1 No.(Jacsons or Approved equivalent)							
	D3	15	0.800		2.100		25.201	
	Total Quantity						25.201 sqm of door area	
	Total Deducted Quantity						0.000 sqm of door area	
	Net Total Quantity						25.201 sqm of door area	
	Say 25.201 sqm of door area @ Rs 8764.14 / sqm of door area						<b>Rs 220865.09</b>	
49	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							
	Rolling Shutters							
	RS	1	4.000		2.400		9.600	
	RS1	2	2.400		2.400		11.520	
	Total Quantity						21.120 sqm	
	Total Deducted Quantity						0.000 sqm	

	Net Total Quantity						21.120 sqm	
	Say 21.120 sqm @ Rs 2738.35 / sqm						<b>Rs 57833.95</b>	
50	10.7 Providing and fixing ball bearing for rolling shutters.							
		6					6.000	
	Total Quantity						6.000 no	
	Total Deducted Quantity						0.000 no	
	Net Total Quantity						6.000 no	
	Say 6.000 no @ Rs 564.06 / no						<b>Rs 3384.36</b>	
51	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.)							
	Handrails							
	FRONT AREA	1	4.000				16.0	64.000
	MAIN STAIR	1	14.120				16.0	225.920
	FIRE STAIR	1	14.120				16.0	225.920
	Total Quantity						515.840 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						515.840 kg	
	Say 515.840 kg @ Rs 702.51 / kg						<b>Rs 362382.76</b>	
52	od16516/2019_2020 Supply and install 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).							
	FRONT AREA	5*2	5.100					51.000
	"	7*2	5.100					71.400
	SIDE AREA	9*2	5.100					91.800
	Total Quantity						214.200 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						214.200 metre	

	Say 214.200 metre @ Rs 675.57 / metre						<b>Rs 144707.09</b>	
53	od267439/2019_2020 Supply and install 50mmx50mmx16 g thick Galvanized square hollow section member (AS 1163-2009 Grade min C350L0 AS/NZS 4792 Galvanised coatings on ferrous hollow sections) fixed vertically and anchored to RC slab will be given a priming coat of Zinc primer as approved by Engineer-in-charge and painted with two or more coats of epoxy paint (painting measured separately)(Shop drawings shall be submitted by the contractor to the Engineer in-charge for approval before execution).							
	PORCH AREA	4*2	4.570				36.560	
	"	4*2	7.000				56.000	
	Total Quantity						92.560 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						92.560 metre	
	Say 92.560 metre @ Rs 336.83 / metre						<b>Rs 31176.98</b>	
54	od250169/2019_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							
		8	2.000		1.800		28.800	
		2	2.000		1.800		7.200	
		2	4.570		0.880		8.044	
		2	7.000		0.880		12.320	
	Total Quantity						56.364 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						56.364 sqm	
	Say 56.364 sqm @ Rs 2630.44 / sqm						<b>Rs 148262.12</b>	
55	10.2 Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.							
	ROOFING OVER STAIR ROOM							
	MAINSTAIR	1	10.000	7.000		5.0	350.000	
	FIRE STAIR	1	9.740	7.320		5.0	356.485	
	Total Quantity						706.485 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						706.485 kg	
	Say 706.485 kg @ Rs 100.60 / kg						<b>Rs 71072.39</b>	
56	10.3 Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced							

	with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer .						
	MD	1	2.950		4.000		11.800
	Total Quantity						11.800 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						11.800 sqm
	Say 11.800 sqm @ Rs 7971.82 / sqm						<b>Rs 94067.48</b>
57	12.1.3 Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete ( up to any pitch in horizontal / vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.0.63 mm thick with zinc coating not less than 275 gm/m2						
	ROOFING OVER STAIR ROOM						
	MAINSTAIR	1	10.000	7.000			70.000
	FIRE STAIR	1	9.740	7.320			71.297
	Total Quantity						141.297 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						141.297 sqm
	Say 141.297 sqm @ Rs 1041.79 / sqm						<b>Rs 147201.80</b>
58	12.59.1 Providing and fixing false ceiling at all height including providing & fixing of framework made of special section, power pressed from M.S. sheets and galvanised with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleat of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200mm c/c, one flange fixed to the ceiling with dash fastener 12.5mm dia x 50mm long with 6mm dia bolts, other flanged of cleat fixed to the angle hangers of 25x10x0.50mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I 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 & finishing to a flush finish of tapered and square edges of the board with recommended jointing compounds, jointing tapes, finishing with jointing compounds in three layers covering up to 150mm on both sides of joints and two coats of primer suitable for boards, all as per manufacture's specification and also including the cost of making opening for light fittings, grills,						

	diffusers, cut outs made with frame of perimeter channels suitable fixed, all complete as per drawings, specification and direction of the Engineer in charge but excluding the cost of painting with a.8 mm thick Calcium Silicate Board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process.						
	TOILETS	6	1.200	1.600			11.520
	TOILET	1	5.300	2.300			12.190
	TOILET	1	4.000	1.400			5.600
	TOILET	1	1.000	1.700			1.700
	TOILET	1	1.600	1.700			2.720
	Total Quantity						33.730 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						33.730 sqm
	Say 33.730 sqm @ Rs 1363.30 / sqm						<b>Rs 45984.11</b>
59	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						
	Water Closet						
	Water Closet	10					10.000
	Total Quantity						10.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						10.000 each
	Say 10.000 each @ Rs 5083.95 / each						<b>Rs 50839.50</b>
60	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						
	Urinal						
	Urinal	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 5196.15 / each						<b>Rs 25980.75</b>

61	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								
		Wash Basin							
	Wash Basin	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 3418.17 / each						<b>Rs 68363.40</b>	
62	17.8 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.								
		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 1450.29 / each						<b>Rs 29005.80</b>	
63	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								
		Long Body bib cock							
	Long Body bib cock	10					10.000		
		Total Quantity						10.000	each
		Total Deducted Quantity						0.000	each
		Net Total Quantity						10.000	each
		Say 10.000 each @ Rs 825.79 / each						<b>Rs 8257.90</b>	
64	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.								
		Health Faucet							
	Health Faucet	10					10.000		
		Total Quantity						10.000	no
		Total Deducted Quantity						0.000	no
		Net Total Quantity						10.000	no

	Say 10.000 no @ Rs 1280.63 / no						<b>Rs 12806.30</b>	
65	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							
	Liquid Soap Container							
	Liquid Soap Container	1	15.000				15.000	
	Total Quantity						15.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						15.000 each	
	Say 15.000 each @ Rs 205.00 / each						<b>Rs 3075.00</b>	
66	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.							
	Towel Rod							
	Towel Rod	10					10.000	
	Total Quantity						10.000 no	
	Total Deducted Quantity						0.000 no	
	Net Total Quantity						10.000 no	
	Say 10.000 no @ Rs 127.96 / no						<b>Rs 1279.60</b>	
67	od250186/2019_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 )							
	Cockroach Proof Trap							
	Cockroach Proof Trap	17	1.000				17.000	
	Total Quantity						17.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						17.000 each	
	Say 17.000 each @ Rs 826.04 / each						<b>Rs 14042.68</b>	
68	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							
	CP Brass Angle Valve							
	CP Brass Angle Valve	30					30.000	
	Total Quantity						30.000 each	

								Total Deducted Quantity	0.000 each
								Net Total Quantity	30.000 each
								Say 30.000 each @ Rs 707.41 / each	<b>Rs 21222.30</b>
69	18.17.3	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :40 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 869.51 / each	<b>Rs 869.51</b>
70	18.17.4	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 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 1115.18 / each	<b>Rs 1115.18</b>
71	18.17.2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :32 mm nominal bore							
			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 744.67 / each	<b>Rs 2234.01</b>
72	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>



73	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	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 451.80 / metre				<b>Rs 15813.00</b>	
74	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	41.000			41.000	
		Total Quantity				41.000 metre	
		Total Deducted Quantity				0.000 metre	
		Net Total Quantity				41.000 metre	
		Say 41.000 metre @ Rs 351.86 / metre				<b>Rs 14426.26</b>	
75	50.18.9.8.1 Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 75 mm dia 6 Kgf/ cm2	1	6.000			6.000	
		Total Quantity				6.000 metre	
		Total Deducted Quantity				0.000 metre	
		Net Total Quantity				6.000 metre	
		Say 6.000 metre @ Rs 304.21 / metre				<b>Rs 1825.26</b>	
76	50.18.9.7.1 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. 63 mm dia 6Kgf/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 290.81 / metre				<b>Rs 5234.58</b>	
77	50.18.8.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as						

	per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 50 mm pipe 6 kgf/cm <sup>2</sup>							
		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 350.93 / metre						<b>Rs 14037.20</b>	
78	50.18.9.6.2 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 6 Kgf/cm <sup>2</sup>							
		1	6.000				6.000	
	Total Quantity						6.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						6.000 metre	
	Say 6.000 metre @ Rs 198.46 / metre						<b>Rs 1190.76</b>	
79	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>							
		70					70.000	
	Total Quantity						70.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						70.000 metre	
	Say 70.000 metre @ Rs 305.63 / metre						<b>Rs 21394.10</b>	
80	50.18.9.16.2 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 6Kgf/cm <sup>2</sup> - External work - Exposed on wall							
		1	6.000				6.000	
	Total Quantity						6.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						6.000 metre	
	Say 6.000 metre @ Rs 303.37 / metre						<b>Rs 1820.22</b>	
81	50.18.9.14.1 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 10 Kg/cm <sup>2</sup> - External work- Exposed on wall							
		14					14.000	
	Total Quantity						14.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						14.000 metre	
	Say 14.000 metre @ Rs 263.22 / metre						<b>Rs 3685.08</b>	
82	50.18.9.15.1 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 40 mm dia 10Kg/cm <sup>2</sup> - External work- Exposed on wall							
		22					22.000	
	Total Quantity						22.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						22.000 metre	
	Say 22.000 metre @ Rs 335.42 / metre						<b>Rs 7379.24</b>	
83	50.18.9.16.1 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 10Kg/cm <sup>2</sup> External work - Exposed on wall							
		24					24.000	
	Total Quantity						24.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						24.000 metre	
	Say 24.000 metre @ Rs 343.47 / metre						<b>Rs 8243.28</b>	
84	50.18.8.3.2 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. Concealed work, including cutting chases and making good the wall etc. 25 mm pipe 10kgf /cm <sup>2</sup>							
		1	53.000				53.000	
	Total Quantity						53.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						53.000 metre	
	Say 53.000 metre @ Rs 332.83 / metre						<b>Rs 17639.99</b>	
85	50.18.8.4.1							

	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. Concealed work, including cutting chases and making good the wall etc. 32 mm pipe 10Kgf/cm2								
		1	33.000				33.000		
		Total Quantity					33.000 metre		
		Total Deducted Quantity					0.000 metre		
		Net Total Quantity					33.000 metre		
		Say 33.000 metre @ Rs 358.48 / metre					<b>Rs 11829.84</b>		
86	50.18.8.5.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. concealed work, including cutting chases and making good the wall etc. 40 mm pipe 10 kgf/ 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 387.18 / metre					<b>Rs 9679.50</b>		
87	od250191/2019_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	12.000				12.000		
		Total Quantity					12.000 metre		
		Total Deducted Quantity					0.000 metre		
		Net Total Quantity					12.000 metre		
		Say 12.000 metre @ Rs 312.46 / metre					<b>Rs 3749.52</b>		
88	od250192/2019_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	12.000				12.000		
		Total Quantity					12.000 metre		
		Total Deducted Quantity					0.000 metre		
		Net Total Quantity					12.000 metre		
		Say 12.000 metre @ Rs 385.41 / metre					<b>Rs 4624.92</b>		

89	19.4.3.2 Providing and fixing square-mouth S.W. gully trap class SP -1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:180x150 mm size P type With sewer bricks conforming to IS: 4885		1	4.000				4.000	
		Total Quantity						4.000 each	
		Total Deducted Quantity						0.000 each	
		Net Total Quantity						4.000 each	
		Say 4.000 each @ Rs 2563.24 / each						<b>Rs 10252.96</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>3 FRONT GATE WITH SECURITY CABIN CIVIL WORKS</b>									
1	2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil								
		EXCAVATION							
	CENTRE PILLAR RUBBLE	1	3.200	1.800	0.700		4.032		
	GAURD ROOM	2	7.900	1.200	0.700		13.272		
	CURVED NAME BOARD	1	8.300	1.200	0.700		6.972		
	SHOW WALL	1	1.500	1.600	0.700		1.681		
	„	4	0.900	1.300	0.700		3.277		
		Total Quantity						29.234 cum	
		Total Deducted Quantity						0.000 cum	
		Net Total Quantity						29.234 cum	
		Say 29.234 cum @ Rs 247.45 / cum						<b>Rs 7233.95</b>	
2	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.								
		EXCAVATION							
	CENTRE PILLAR RUBBLE	1	3.200	1.800	0.700		4.032		
	GAURD ROOM	2	7.900	1.200	0.700		13.272		

	CURVED NAME BOARD	1	8.300	1.200	0.700		6.972		
	SHOW WALL	1	1.500	1.600	0.700		1.681		
	„	4	0.900	1.300	0.700		3.277		
	DEDUCE PCC								
	CENTRE PILLAR	1	2.800	1.400	0.100		-0.391		
	GAURD ROOM	2	7.900	0.800	0.100		-1.264		
	CURVED NAME BOARD	1	8.300	0.800	0.100		-0.664		
	SHOW WALL	1	1.500	1.200	0.100		-0.180		
	„	4	0.900	0.900	0.100		-0.324		
	DEDUCE RRM								
	CENTRE RUBBLE FOUNDATION	1	2.600	1.200	0.600		-1.872		
	GAURD ROOM	2	7.900	0.600	0.600		-5.688		
	CURVED NAME BOARD	1	8.300	0.600	0.600		-2.988		
	SHOW WALL	1	1.500	1.000	0.600		-0.899		
	„	4	0.900	0.700	0.600		-1.512		
	GAURD ROOM PLINTH FILLING								
		2	1.450	1.350	0.350		1.371		
	Total Quantity						30.605 cum		
	Total Deducted Quantity						-15.782 cum		
	Net Total Quantity						14.823 cum		
	Say 14.823 cum @ Rs 187.00 / cum						<b>Rs 2771.90</b>		
3	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)								
	CENTRE PILLAR	1	2.800	1.400	0.100		0.392		
	GAURD ROOM	2	7.900	0.800	0.100		1.265		
	CURVED NAME BOARD	1	8.300	0.800	0.100		0.665		
	AT GAURD ROOM FLOORS	2	1.500	1.350	0.100		0.406		

	SHOW WALL	1	1.500	1.200	0.100		0.180		
	„	4	0.900	0.900	0.100		0.325		
	Total Quantity						3.233 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						3.233 cum		
	Say 3.233 cum @ Rs 6659.46 / cum							<b>Rs 21530.03</b>	
4	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns								
	CENTRE PILLAR	1*2	2.600+8		0.100		0.681		
	GAURD ROOM	2*2	7.900+8		0.100		3.481		
	CURVED NAME BOARD	1*2	8.300+8		0.100		1.821		
	SHOW WALL	2	1.500		0.100		0.301		
	„	4	2.700		0.100		1.080		
	Total Quantity						7.364 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						7.364 sqm		
	Say 7.364 sqm @ Rs 288.42 / sqm							<b>Rs 2123.92</b>	
5	4.11 Providing and laying damp-proof course 50 mm thick with cement concrete 1:2:4(1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).								
	DPC								
	CENTRE RUBBLE FOUNDATION	1	2.600	1.200			3.120		
	GAURD ROOM	2	7.900	0.300			4.740		
	CURVED NAME BOARD	1	8.300	0.600			4.980		
	SHOW WALL	1	1.500	1.000			1.500		
	„	4	0.900	0.700			2.520		
	Total Quantity						16.860 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						16.860 sqm		
	Say 16.860 sqm @ Rs 476.24 / sqm							<b>Rs 8029.41</b>	
6	5.9.3								

	Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform							
	GAURD ROOM ROOF SLAB	2	2.500	2.550			12.750	
	Total Quantity						12.750 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						12.750 sqm	
	Say 12.750 sqm @ Rs 628.00 / sqm						<b>Rs 8007.00</b>	
7	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers							
	LINTELS	2*2	7.900		0.150		4.740	
	CURVED NAME BOARD TOP BAND	1	8.200		0.800		6.560	
	Total Quantity						11.300 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						11.300 sqm	
	Say 11.300 sqm @ Rs 509.93 / sqm						<b>Rs 5762.21</b>	
8	5.9.16.1 Centering and shuttering including strutting, etc. and removal of form for:Edges of slabs and breaks in floors and wallsUnder 20 cm wide							
	GAURD ROOM ROOF SLAB	2*2	2.500+2.5 5				20.200	
	Total Quantity						20.200 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						20.200 metre	
	Say 20.200 metre @ Rs 181.72 / metre						<b>Rs 3670.74</b>	
9	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							
	CURVED NAME BOARD TOP BAND	1	8.300	0.600	0.200	100.0	99.601	
	GAURD ROOM LINTEL	2	7.900	0.200	0.150	100.0	47.400	
	GAURD ROOM ROOF SLAB	2	2.500	2.550	0.100	78.5	100.088	
	Total Quantity						247.089 kg	



		Total Deducted Quantity					0.000 kg	
		Net Total Quantity					247.089 kg	
		Say 247.089 kg @ Rs 84.17 / kg					<b>Rs 20797.48</b>	
10	5.33.2 Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work above plinth level upto floor V level							
	CURVED NAME BOARD TOP BAND	1	8.300	0.600	0.200		0.997	
	GAURD ROOM LINTEL	2	7.900	0.200	0.150		0.474	
	GAURD ROOM ROOF SLAB	2	2.500	2.550	0.100		1.276	
		Total Quantity					2.747 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					2.747 cum	
		Say 2.747 cum @ Rs 10781.55 / cum					<b>Rs 29616.92</b>	
11	7.1.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand)							
	C E N T R E RUBBLE FOUNDATION	1	2.600	1.200	0.600		1.872	
	GAURD ROOM	2	7.900	0.600	0.600		5.688	
		2	7.900	0.300	0.350		1.659	
	C U R V E D NAME BOARD	1	8.300	0.600	0.600		2.988	
	SHOW WALL	1	1.500	1.000	0.600		0.900	
	„	4	0.900	0.700	0.600		1.512	
		Total Quantity					14.619 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					14.619 cum	

		Say 14.619 cum @ Rs 5897.62 / cum					Rs 86217.31	
12	50.6.1.5 Solid block masonry using pre cast solid blocks ( Factory made) of size 30x20x20cm 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							
	CENTRE PILLAR	1	2.200	0.800	8.100		14.257	
	GAURD ROOM	2	7.900	0.200	2.250		7.110	
	DEDUCE DOOR	-2	0.900	0.200	2.100		-0.756	
	DITTO WINDOW	-2	1.200	0.200	1.000		-0.480	
	CURVED NAME BOARD	1	8.900	0.200	2.700		4.807	
	DITTO SHORT PILLARS	7	0.200	0.200	0.300		0.085	
	SHOW WALL	2	1.130	0.300	7.000		4.746	
	„	2	0.370	0.300	4.300		0.955	
	„	2	0.700	0.300	5.850		2.457	
	„	2	0.400	0.300	3.150		0.756	
	„	4	0.900	0.300	6.000		6.480	
					Total Quantity		40.417 cum	
					Total Deducted Quantity		0.000 cum	
					Net Total Quantity		40.417 cum	
					Say 40.417 cum @ Rs 5883.33 / cum		Rs 237786.55	
13	13.4.1 12 mm cement plaster of mix:1:4 ( 1 cement : 4 coarse sand)							
	EXTERNAL							
	GUARD ROOM EXTERNAL	2	8.200		2.700		44.280	
	SLAB EXTERNAL	4	2.500		2.550		25.500	
		2*2	2.5+2.55		0.100		2.020	
		-2	1.800		1.900		-6.840	
		-2*.5	0.900		2.100		-1.890	
		-2*.5	1.200		1.000		-1.200	
	CURVED NAME BOARD SIDES	2	8.500		2.800		47.600	
	DITTO TOP BAND	1	8.200		1.000		8.200	



INSIDE CEILING									
	GAURD ROOM INNER CEILING PLASTER	2	1.600	1.700			5.440		
	Total Quantity						5.440 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						5.440 sqm		
	Say 5.440 sqm @ Rs 213.84 / sqm							<b>Rs 1163.29</b>	
16	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.								
	GAURD ROOM								
	INNER FLOORING	2	1.600	1.700			5.440		
	Total Quantity						5.440 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						5.440 sqm		
	Say 5.440 sqm @ Rs 1664.66 / sqm							<b>Rs 9055.75</b>	
17	od250158/2019_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.								
	NAME BOARD BRICK TILE CLADDING								
		1	7.250		2.700		19.576		
	Total Quantity						19.576 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						19.576 sqm		
	Say 19.576 sqm @ Rs 1215.47 / sqm							<b>Rs 23794.04</b>	
18	13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer								
	EXTERNAL								
	GUARD ROOM EXTERNAL	2	8.200		2.700		44.280		
	SLAB EXTERNAL	4	2.500		2.550		25.500		

		2*2	2.5+2.55		0.100		2.020	
		-2	1.800		1.900		-6.840	
		-2*.5	0.900		2.100		-1.890	
		-2*.5	1.200		1.000		-1.200	
	CURVED NAME BOARD SIDES	2	8.500		2.800		47.600	
	DITTO TOP BAND	1	8.200		1.000		8.200	
	DITTO SMALL PILLARS	7	0.800		0.300		1.680	
	CENTRE PILLAR	1	2*(2.2+.8)		8.100		48.600	
	SHOW WALL BOTH SIDES	2	0.700		7.000		9.800	
	„	2	0.400		4.300		3.440	
	„	2	0.300		4.300		2.580	
	„	2	0.300		3.150		1.890	
	„	2	0.400		4.300		3.440	
	„	2	0.700		7.000		9.800	
	„	2	0.430		5.850		5.031	
	„	2	0.300		5.850		3.510	
	„	2	0.430		5.85-2.7		2.709	
	„	2	1.500	0.300			0.900	
	„	2	1.100	0.300			0.660	
	„	4*2	0.900		6.000		43.200	
		4	0.300		6.000		7.200	
		4	0.300	0.900			1.080	
	INTERNAL WALL							
		2	6.600		2.200		29.040	
	DEDUCE DOOR D	-2*.5	0.900		2.100		-1.890	
	DITTO W	-2*.5	1.200		1.000		-1.200	
	INSIDE CEILING							
	GAURD ROOM INNER CEILING PLASTER	2	1.600	1.700			5.440	
	NAME BOARD BRICK TILE CLADDING							

		1	7.250		2.700		-19.576	
	Total Quantity						294.580 sqm	
	Total Deducted Quantity						-19.576 sqm	
	Net Total Quantity						275.004 sqm	
	Say 275.004 sqm @ Rs 54.95 / sqm						<b>Rs 15111.47</b>	
19	13.82.2 Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture including applying additional coats wherever required, to achieve even shade and colour.Two coats							
	EXTERNAL							
	GUARD ROOM EXTERNAL	2	8.200		2.700		44.280	
	SLAB EXTERNAL	4	2.500		2.550		25.500	
		2*2	2.5+2.55		0.100		2.020	
		-2	1.800		1.900		-6.840	
		-2*.5	0.900		2.100		-1.890	
		-2*.5	1.200		1.000		-1.200	
	CURVED NAME BOARD SIDES	2	8.500		2.800		47.600	
	DITTO TOP BAND	1	8.200		1.000		8.200	
	DITTO SMALL PILLARS	7	0.800		0.300		1.680	
	CENTRE PILLAR	1	2*(2.2+.8)		8.100		48.600	
	SHOW WALL BOTH SIDES	2	0.700		7.000		9.800	
	„	2	0.400		4.300		3.440	
	„	2	0.300		4.300		2.580	
	„	2	0.300		3.150		1.890	
	„	2	0.400		4.300		3.440	
	„	2	0.700		7.000		9.800	
	„	2	0.430		5.850		5.031	
	„	2	0.300		5.850		3.510	
	„	2	0.430		5.85-2.7		2.709	
	„	2	1.500	0.300			0.900	
	„	2	1.100	0.300			0.660	

	„	4*2	0.900		6.000		43.200	
		4	0.300		6.000		7.200	
		4	0.300	0.900			1.080	
INTERNAL WALL								
		2	6.600		2.200		29.040	
	DEDUCE DOOR D	-2*.5	0.900		2.100		-1.890	
	DITTO W	-2*.5	1.200		1.000		-1.200	
INSIDE CEILING								
	GAURD ROOM INNER CEILING PLASTER	2	1.600	1.700			5.440	
NAME BOARD BRICK TILE CLADDING								
		1	7.250		2.700		-19.576	
Total Quantity							294.580 sqm	
Total Deducted Quantity							-19.576 sqm	
Net Total Quantity							275.004 sqm	
Say 275.004 sqm @ Rs 109.90 / sqm							<b>Rs 30222.94</b>	
20	13.62.1 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture							
WINDOW GRILL								
	W	2	1.200		1.000		2.400	
FRONT ENTRANCE GATE								
		2	6.000		1.700	2.0	40.800	
Total Quantity							43.200 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							43.200 sqm	
Say 43.200 sqm @ Rs 167.00 / sqm							<b>Rs 7214.40</b>	
21	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							
	W	2	1.200		1.000	16.0	38.400	
Total Quantity							38.400 kg	

		Total Deducted Quantity				0.000 kg	
		Net Total Quantity				38.400 kg	
		Say 38.400 kg @ Rs 167.22 / kg				<b>Rs 6421.25</b>	
22	9.147.5	<p>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 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 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 1.50 sqm).</p>					
		2	1.200		1.000		2.400
		Total Quantity				2.400 sqm	
		Total Deducted Quantity				0.000 sqm	
		Net Total Quantity				2.400 sqm	
		Say 2.400 sqm @ Rs 12451.79 / sqm				<b>Rs 29884.30</b>	
23	21.3.2	<p>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>					
		2	1.200		1.000		2.400
		Total Quantity				2.400 sqm	
		Total Deducted Quantity				0.000 sqm	
		Net Total Quantity				2.400 sqm	
		Say 2.400 sqm @ Rs 1492.97 / sqm				<b>Rs 3583.13</b>	
24	od250152/2019_2020	<p>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</p>					



	.Tower Bolt 6" SS Finish - 1 No.(Jacsons or Approved equivalent)							
		2	0.900		2.100		3.781	
	Total Quantity						3.781 sqm of door area	
	Total Deducted Quantity						0.000 sqm of door area	
	Net Total Quantity						3.781 sqm of door area	
	Say 3.781 sqm of door area @ Rs 8764.14 / sqm of door area						<b>Rs 33137.21</b>	
25	10.25.2 Item Shifted to head 14 as item 14.74 Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works							
	FRONT ENTRANCE GATE							
		2	6.000		1.700	45.0	918.000	
	Total Quantity						918.000 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						918.000 kg	
	Say 918.000 kg @ Rs 127.82 / kg						<b>Rs 117338.76</b>	
26	od308917/2019_2020 Supply and install 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).							
		14	3.300				46.200	
	Total Quantity						46.200 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						46.200 metre	
	Say 46.200 metre @ Rs 647.17 / metre						<b>Rs 29899.25</b>	
27	25.7 Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral							

<p>core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing. The item includes cost of all material &amp; labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium items. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminium Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.</p>									
		2	7.630	2.500			38.150		
		2*2	2.830	2.500			28.300		
Total Quantity							66.450 sqm		
Total Deducted Quantity							0.000 sqm		
Net Total Quantity							66.450 sqm		
Say 66.450 sqm @ Rs 5064.91 / sqm							<b>Rs 336563.27</b>		
Sl No	Description	No	L	B	D	CF	Quantity	Remark	
<b>4 COMPOUND WALL</b>									
1	2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil								
EXCAVATION									
		22	1.800	0.900	0.700		24.948		
Total Quantity							24.948 cum		
Total Deducted Quantity							0.000 cum		
Net Total Quantity							24.948 cum		
Say 24.948 cum @ Rs 247.45 / cum							<b>Rs 6173.38</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)								

	PCC							
		22	1.800	0.900	0.100		3.565	
	Total Quantity						3.565 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						3.565 cum	
	Say 3.565 cum @ Rs 6659.46 / cum						<b>Rs 23740.97</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.							
	EXCAVATION							
		22	1.800	0.900	0.700		24.948	
	DEDUCE PCC							
		22	1.800	0.900	0.100		-3.564	
	DEDUCE RANDOM RUBBLE MASONRY							
		22	1.800	0.600	0.600		-14.256	
	Total Quantity						24.948 cum	
	Total Deducted Quantity						-17.820 cum	
	Net Total Quantity						7.128 cum	
	Say 7.128 cum @ Rs 187.00 / cum						<b>Rs 1332.94</b>	
4	5.12 Providing, hoisting and fixing up to floor level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but excluding cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (Zone - III) : 3 graded stone aggregate 20 mm nominal size)							
	PRECAST RC SLAB ABOVE PILLAR							
		22	0.400	0.400	0.050		0.177	
	Total Quantity						0.177 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						0.177 cum	
	Say 0.177 cum @ Rs 10368.21 / cum						<b>Rs 1835.17</b>	
5	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							
	PRE-CAST RC SLAB ABOVE PILLAR							

		22	0.400	0.400	0.050	140.0	24.641		
	Total Quantity						24.641 kg		
	Total Deducted Quantity						0.000 kg		
	Net Total Quantity						24.641 kg		
	Say 24.641 kg @ Rs 84.17 / kg							<b>Rs 2074.03</b>	
6	7.1.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand)								
	RANDOM RUBBLE MASONRY								
		22	1.800	0.600	0.600		14.256		
	Total Quantity						14.256 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						14.256 cum		
	Say 14.256 cum @ Rs 5897.62 / cum							<b>Rs 84076.47</b>	
7	4.11 Providing and laying damp-proof course 50 mm thick with cement concrete 1:2:4(1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).								
	DPC								
		22	1.800	0.600			23.760		
	Total Quantity						23.760 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						23.760 sqm		
	Say 23.760 sqm @ Rs 476.24 / sqm							<b>Rs 11315.46</b>	
8	50.6.1.5 Solid block masonry using pre cast solid blocks ( Factory made) of size 30x20x20cm 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								
	SOLID BLOCK MASONRY								
	BOTTOM WALL	22	1.800	0.200	1.200		9.505		
	PILLARS	22	0.300	0.200	0.550		0.726		
	Total Quantity						10.231 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						10.231 cum		
	Say 10.231 cum @ Rs 5883.33 / cum							<b>Rs 60192.35</b>	

9	13.4.1 12 mm cement plaster of mix:1:4 ( 1 cement : 4 coarse sand)							
CEMENT PLASTER								
	BOTTOM WALL SIDES	22*2	1.800		1.200		95.040	
	BOTTOM WALL TOP	22	1.500	0.200			6.601	
	PILLAR SIDES	22	1.000		0.550		12.101	
	TOP SLAB, TOP AND BOTTOM	22*2	0.400	0.400			7.041	
	TOP SLAB SIDES	22	1.600		0.050		1.761	
	DEDUCTION FOR PILLAR	-22	0.300	0.200			-1.319	
Total Quantity							121.225 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							121.225 sqm	
Say 121.225 sqm @ Rs 268.94 / sqm							<b>Rs 32602.25</b>	
10	13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer							
CEMENT PRIMER								
	BOTTOM WALL SIDES	22*2	1.800		1.200		95.040	
	BOTTOM WALL TOP	22	1.500	0.200			6.601	
	PILLAR SIDES	22	1.000		0.550		12.101	
	TOP SLAB, TOP AND BOTTOM	22*2	0.400	0.400			7.041	
	TOP SLAB SIDES	22	1.600		0.050		1.761	
	DEDUCTION FOR PILLAR	-22	0.300	0.200			-1.319	
Total Quantity							121.225 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							121.225 sqm	
Say 121.225 sqm @ Rs 54.95 / sqm							<b>Rs 6661.31</b>	
11	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							
	PAINT AREA							
	BOTTOM WALL SIDES	22*2	1.800		1.200		95.040	
	BOTTOM WALL TOP	22	1.500	0.200			6.601	
	PILLAR SIDES	22	1.000		0.550		12.101	
	TOP SLAB, TOP AND BOTTOM	22*2	0.400	0.400			7.041	
	TOP SLAB SIDES	22	1.600		0.050		1.761	
	DEDUCTION FOR PILLAR	-22	0.300	0.200			-1.319	
	Total Quantity						121.225 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						121.225 sqm	
	Say 121.225 sqm @ Rs 109.90 / sqm						<b>Rs 13322.63</b>	
12	10.16.1 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.Hot finished welded type tubes							
	Other Engineering Organisations 70x30x2.9MM MS HOLLOW SECTION							
		22	1.524		4.120		138.136	
		22*7	0.462		4.120		293.130	
	Total Quantity						431.266 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						431.266 kg	
	Say 431.266 kg @ Rs 134.21 / kg						<b>Rs 57880.21</b>	
13	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							
	PAINTING ON RHS							
		22	1.524		0.200		6.706	
		22*7	0.462		0.200		14.230	
	Total Quantity						20.936 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						20.936 sqm	

	Say 20.936 sqm @ Rs 111.61 / sqm						<b>Rs 2336.67</b>	
14	od250158/2019_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.							
		22	0.900	0.600			11.880	
	Total Quantity						11.880 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						11.880 sqm	
	Say 11.880 sqm @ Rs 1215.47 / sqm						<b>Rs 14439.78</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>5 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	1	301.000				301.000	LENGTH = AREA
	Parking	1	271.000				271.000	LENGTH = AREA
	Total Quantity						572.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						572.000 sqm	
	Say 572.000 sqm @ Rs 133.99 / sqm						<b>Rs 76642.28</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	1	301.000		0.100		30.100	LENGTH = AREA
	Parking	1	271.000		0.100		27.100	LENGTH = AREA
	Total Quantity						57.200 cum	

		Total Deducted Quantity		0.000 cum		
		Net Total Quantity		57.200 cum		
		Say 57.200 cum @ Rs 2872.33 / cum		<b>Rs 164297.28</b>		
3	16.79	<p>Providing , laying spreading and compacting graded stone aggregate ( size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tipper to site, for all leads &amp; lifts, laying in uniform layers with mechanical paver finisher in sub - base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer - in- Charge.</p>				
	Road	1	301.000	0.150	45.150	LENGTH = AREA
	Parking	1	271.000	0.150	40.650	LENGTH = AREA
		Total Quantity		85.800 cum		
		Total Deducted Quantity		0.000 cum		
		Net Total Quantity		85.800 cum		
		Say 85.800 cum @ Rs 3170.87 / cum		<b>Rs 272060.65</b>		
4	51.16.PC.1pb	<p>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).</p>				
	Road	1	301.000		301.000	LENGTH = AREA
	Parking	1	271.000		271.000	LENGTH = AREA
		Total Quantity		572.000 sqm		
		Total Deducted Quantity		0.000 sqm		
		Net Total Quantity		572.000 sqm		
		Say 572.000 sqm @ Rs 61.90 / sqm		<b>Rs 35406.80</b>		
5	od16380/2019_2020	<p>2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete ( tack coat to be paid for separately): With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt (DSR ITEM NO.16.33.1)</p>				



	Road	1	301.000				301.000	LENGTH = AREA
	Parking	1	271.000				271.000	LENGTH = AREA
	Total Quantity						572.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						572.000 sqm	
	Say 572.000 sqm @ Rs 252.25 / sqm						<b>Rs 144287.00</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	1	301.000				301.000	LENGTH = AREA
	Parking	1	271.000				271.000	LENGTH = AREA
	Total Quantity						572.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						572.000 sqm	
	Say 572.000 sqm @ Rs 11.57 / sqm						<b>Rs 6618.04</b>	
7	od16391/2019_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	1	301.000				301.000	LENGTH = AREA
	Parking	1	271.000				271.000	LENGTH = AREA
	Total Quantity						572.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						572.000 sqm	
	Say 572.000 sqm @ Rs 88.47 / sqm						<b>Rs 50604.84</b>	
8	od16396/2019_2020 Providing and laying average 100 mm thick sub grade of compacted bed of 20 mm thick nominal size stone aggregate mixed with sand Zone V, including spreading, well ramming, consolidating and finishing							

	smooth etc. all complete as per direction of Engineer-in-charge.							
		1	91.000	1.000			91.000	
	Total Quantity						91.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						91.000 sqm	
	Say 91.000 sqm @ Rs 291.60 / sqm						<b>Rs 26535.60</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							
		1	91.000	1.000	0.100		9.100	
	Total Quantity						9.100 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						9.100 cum	
	Say 9.100 cum @ Rs 8184.70 / cum						<b>Rs 74480.77</b>	
10	16.45 Providing and fixing in position pre- moulded joint filler in expansion joints.							
		4	1.000	1.000	15.000		60.000	
	Total Quantity						60.000 per cm depth per cm width per meter length	
	Total Deducted Quantity						0.000 per cm depth per cm width per meter length	
	Net Total Quantity						60.000 per cm depth per cm width per meter length	
	Say 60.000 per cm depth per cm width per meter length @ Rs 3.27 / per cm depth per cm width per meter length						<b>Rs 196.20</b>	
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.							
		1	91.000	1.000			91.000	
	Total Quantity						91.000 sqm	

									Total Deducted Quantity	0.000 sqm
									Net Total Quantity	91.000 sqm
									Say 91.000 sqm @ Rs 2156.96 / sqm	<b>Rs 196283.36</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)								
		2	91.000		0.075			13.650	DEPTH = AREA CR.SEC OF KERB	
		Total Quantity								13.650 cum
		Total Deducted Quantity								0.000 cum
		Net Total Quantity								13.650 cum
		Say 13.650 cum @ Rs 7454.31 / cum								<b>Rs 101751.33</b>
13	od16443/2019_2020	two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces								
		2	91.000		0.200			36.400		
		Total Quantity								36.400 sqm
		Total Deducted Quantity								0.000 sqm
		Net Total Quantity								36.400 sqm
		Say 36.400 sqm @ Rs 100.73 / sqm								<b>Rs 3666.57</b>
14	od16452/2019_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>								
		60	0.110					6.600		
		Total Quantity								6.600 metre
		Total Deducted Quantity								0.000 metre
		Net Total Quantity								6.600 metre
		Say 6.600 metre @ Rs 225.21 / metre								<b>Rs 1486.39</b>
15	od250248/2019_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.								

		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 11701.63 / each						<b>Rs 93613.04</b>	
16	od16461/2019_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	117.000				117.000	
	Total Quantity						117.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						117.000 metre	
	Say 117.000 metre @ Rs 6066.96 / metre						<b>Rs 709834.32</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>6 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.							
		1	2000.000				2000.000	
	Total Quantity						2000.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2000.000 sqm	
	Say 2000.000 sqm @ Rs 5.43 / sqm						<b>Rs 10860.00</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							
		1	2000.000				2000.000	
	Total Quantity						2000.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2000.000 sqm	
	Say 2000.000 sqm @ Rs 10.71 / sqm						<b>Rs 21420.00</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							

		1	3.000				3.000	
	Total Quantity						3.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						3.000 each	
	Say 3.000 each @ Rs 325.97 / each						<b>Rs 977.91</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							
		1	1.000				1.000	
	Total Quantity						1.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						1.000 each	
	Say 1.000 each @ Rs 1446.50 / each						<b>Rs 1446.50</b>	
5	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	120.000				120.000	
	Total Quantity						120.000 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						120.000 cum	
	Say 120.000 cum @ Rs 636.33 / cum						<b>Rs 76359.60</b>	
6	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	2000.000				2000.000	
	Total Quantity						2000.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2000.000 sqm	
	Say 2000.000 sqm @ Rs 20.75 / sqm						<b>Rs 41500.00</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>7 EXTERNAL WATER SUPPLY</b>								

1	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	47.000				47.000		
		Total Quantity					47.000 metre		
		Total Deducted Quantity					0.000 metre		
		Net Total Quantity					47.000 metre		
		Say 47.000 metre @ Rs 238.56 / metre					<b>Rs 11212.32</b>		
2	od16350/2019_2020 Supply ,Installation testing and commissioning of Kirloskar make Transfer pump 3HP, 3 phase ,18m head 2500LPH capacity 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 16206.19 / each					<b>Rs 32412.38</b>		
3	od16351/2019_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	47.000		0.038		1.786		
		Total Quantity					1.786 cum		
		Total Deducted Quantity					0.000 cum		
		Net Total Quantity					1.786 cum		
		Say 1.786 cum @ Rs 6259.29 / cum					<b>Rs 11179.09</b>		
4	18.32.1 Constructing masonry chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design:With common burnt clay F.P.S (non modular) bricks of class designation 7.5								
		1					1.000		
		Total Quantity					1.000 each		
		Total Deducted Quantity					0.000 each		
		Net Total Quantity					1.000 each		
		Say 1.000 each @ Rs 1777.60 / each					<b>Rs 1777.60</b>		

5	od250255/2019_2020 Supply, install and testing approved make forged brass ball valves full bore and thread conforming to IS 1703 with all necessary fittings & accessories ie, unions, connectors, adapters, PTFE tape etc. complete as directed and specified, 40mm full bore.							
		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 2158.26 / each						<b>Rs 4316.52</b>	
6	18.19.3.1 Providing and fixing gun metal non-return valve of approved quality (screwed end):40 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 1015.47 / each						<b>Rs 2030.94</b>	
7	od16374/2019_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 26882.08 / each						<b>Rs 53764.16</b>	
8	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>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>8 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	94.000				94.000		
		Total Quantity					94.000 metre		
		Total Deducted Quantity					0.000 metre		
		Net Total Quantity					94.000 metre		
		Say 94.000 metre @ Rs 451.80 / metre					<b>Rs 42469.20</b>		
2	od16351/2019_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	94.000		0.058		5.452		
		Total Quantity					5.452 cum		
		Total Deducted Quantity					0.000 cum		
		Net Total Quantity					5.452 cum		
		Say 5.452 cum @ Rs 6259.29 / cum					<b>Rs 34125.65</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								
		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 12839.77 / each					<b>Rs 154077.24</b>		
4	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								
		12	0.150				1.800		
		Total Quantity					1.800 metre		
		Total Deducted Quantity					0.000 metre		



								Net Total Quantity	1.800 metre
								Say 1.800 metre @ Rs 8504.13 / metre	<b>Rs 15307.43</b>
5	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>
6	51.19.ST4	Supplying and installing ready made PVC Septic tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (Provision for CC/RCC/Sand/06mm aggregate for the preparation of bed shall be paid separately) 4. 35 to 50 flush capacity							
		3							3.000
								Total Quantity	3.000 each
								Total Deducted Quantity	0.000 each
								Net Total Quantity	3.000 each
								Say 3.000 each @ Rs 41035.60 / each	<b>Rs 123106.80</b>
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>9 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	6.000				6.000		
								Total Quantity	6.000 metre
								Total Deducted Quantity	0.000 metre
								Net Total Quantity	6.000 metre
								Say 6.000 metre @ Rs 451.80 / metre	<b>Rs 2710.80</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	160.000				160.000		
								Total Quantity	160.000 metre
								Total Deducted Quantity	0.000 metre

	Net Total Quantity						160.000 metre	
	Say 160.000 metre @ Rs 828.65 / metre						<b>Rs 132584.00</b>	
3	od16351/2019_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	6.000		0.058		0.349	
	160mm dia	1	30.000		0.076		2.280	
	Total Quantity						2.629 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						2.629 cum	
	Say 2.629 cum @ Rs 6259.29 / cum						<b>Rs 16455.67</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							
		15					15.000	
	Total Quantity						15.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						15.000 each	
	Say 15.000 each @ Rs 12839.77 / each						<b>Rs 192596.55</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							
		15	0.150				2.250	
	Total Quantity						2.250 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						2.250 metre	
	Say 2.250 metre @ Rs 8504.13 / metre						<b>Rs 19134.29</b>	
6	od16381/2019_2020 Supplying and installing ready made Pre cast RCC Water tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (5000 L Capacity )							

		13						13.000	
	Total Quantity							13.000	each
	Total Deducted Quantity							0.000	each
	Net Total Quantity							13.000	each
	Say 13.000 each @ Rs 47120.11 / each							<b>Rs 612561.43</b>	
7	od16385/2019_2020 Supply all material and construct RCC rain water filtration tank cum collection tank of overall size 7.6x2.40x2.45m using 1:1.5:3 concrete mix etc. all complete as per the drawing and specification.								
		1						1.000	
	Total Quantity							1.000	each
	Total Deducted Quantity							0.000	each
	Net Total Quantity							1.000	each
	Say 1.000 each @ Rs 485863.80 / each							<b>Rs 485863.80</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>10 EXISTING CLASS ROOM CONVERTED TO SMART CLASS ROOM</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 ROOM WALL	1	594.000				594.000		
	CLASS ROOM CEILING	1	288.000				288.000		
	Total Quantity							882.000	sqm
	Total Deducted Quantity							0.000	sqm
	Net Total Quantity							882.000	sqm
	Say 882.000 sqm @ Rs 16.06 / sqm							<b>Rs 14164.92</b>	
2	14.54.1 Painting with synthetic enamel paint of approved brand and manufacture of required colour to an give even shade:One or more coats on old work								
		1	159.300				159.300		
	Total Quantity							159.300	sqm
	Total Deducted Quantity							0.000	sqm
	Net Total Quantity							159.300	sqm
	Say 159.300 sqm @ Rs 76.29 / sqm							<b>Rs 12153.00</b>	
3	14.53.1 Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:One or more coats on old work								

		1	882.000				882.000	
	Total Quantity						882.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						882.000 sqm	
	Say 882.000 sqm @ Rs 82.16 / sqm						<b>Rs 72465.12</b>	
4	11.47.2 Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS : 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm							
		1	168.000				168.000	
	Total Quantity						168.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						168.000 sqm	
	Say 168.000 sqm @ Rs 1844.90 / sqm						<b>Rs 309943.20</b>	
Sl No	Description	No	L	B	D	CF	Quantity	Remark
<b>11 SIGNAGE AND BOARDS</b>								
1	od250262/2019_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 450mm x 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 driveway	2					2.000	
	Total Quantity						2.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						2.000 each	
	Say 2.000 each @ Rs 11770.64 / each						<b>Rs 23541.28</b>	
2	od250263/2019_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 rooms	18	35.000		7.600		4788.000
	Labs	8	35.000		7.600		2128.000
	Workshops	12	35.000		7.600		3192.000
	Total Quantity						10108.000 sqcm
	Total Deducted Quantity						0.000 sqcm
	Net Total Quantity						10108.000 sqcm
	Say 10108.000 sqcm @ Rs 0.69 / sqcm						<b>Rs 6974.52</b>
3	od250264/2019_2020 Supply and fixing bilingual signage in English. The signage letters will be made with premium quality vinyl sheet of approved colour, pasted on 3mm thick aluminium composite panel backing. The signage will be either fixed on the wall with the screws & double tape or hanged from the false ceiling with the help of hooks & chains complete work.						
	In admin area	14	40.600		10.200		5797.680
		6	50.800		20.300		6187.441
	Total Quantity						11985.121 sqcm
	Total Deducted Quantity						0.000 sqcm
	Net Total Quantity						11985.121 sqcm
	Say 11985.121 sqcm @ Rs 0.70 / sqcm						<b>Rs 8389.58</b>
4	od250265/2019_2020 Supply & fixing 5 mm thick aluminum compressed Panel (ACP) sheet in the required size for building name signage. The sheet will be cut into size as per the size of signage to be fixed in position (Stone façade, grit wash, gypsum board etc.) with screws & tape including s/o all material labour T&P etc. required for proper completion of work.						
	For main Buildings	4	100.000		30.000		12000.000
		1	300.000		60.000		18000.000
	Total Quantity						30000.000 sqcm
	Total Deducted Quantity						0.000 sqcm
	Net Total Quantity						30000.000 sqcm
	Say 30000.000 sqcm @ Rs 1.22 / sqcm						<b>Rs 36600.00</b>
5	od250266/2019_2020 Supply & fixing stainless steel (SS) letters made with SS-304 grade 20 gauge sheet as per the approved size & shade including fixing on ACP sheet in required height line & level including s/o all T&P etc. required for proper completion of work. Before making the letters the font & size will be got approved from ITD.						

	For main Buildings	4	100.000		30.000	0.9	10800.000	
		1	300.000		60.000	0.9	16200.000	
	Total Quantity						27000.000 sqcm	
	Total Deducted Quantity						0.000 sqcm	
	Net Total Quantity						27000.000 sqcm	
	Say 27000.000 sqcm @ Rs 1.60 / sqcm						<b>Rs 43200.00</b>	
6	od250267/2019_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.							
		15	35.000		7.600		3990.000	
	Total Quantity						3990.000 sqcm	
	Total Deducted Quantity						0.000 sqcm	
	Net Total Quantity						3990.000 sqcm	
	Say 3990.000 sqcm @ Rs 0.69 / sqcm						<b>Rs 2753.10</b>	
7	od250268/2019_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							
	Academic Building	1					1.000	
	Old buildings	6					6.000	
	Total Quantity						7.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						7.000 each	
	Say 7.000 each @ Rs 1884.96 / each						<b>Rs 13194.72</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>12 ANNEXURE 1 : FURNITURE FOR MAIN BUILDING AND EXISTING CLASS ROOMS(EST.NO:2020/4068)</b>								
Lump-Sum Total						<b>Rs 2911361.00</b>		
SI No	Description	No	L	B	D	CF	Quantity	
Remark	<b>13 ANNEXURE 2 : ELECTRICAL, ELV, HVAC AND FIRE FIGHTING WORKS (EST.NO:2020/4070)</b>							
Lump-Sum Total						<b>Rs 6705492.00</b>		
SI No	Description	No	L	B	D	CF	Quantity	
Remark	<b>14 CONTINGENCIES</b>							
Lump-Sum Total						<b>Rs 430572.00</b>		
Provision for GST payments (in %) @						<b>12.0%</b>		

Amount reserved for GST payments	<b>6175117.39</b>
Total	<b>57634429.39</b>
Lumpsum for round off	<b>70.61</b>
<b>TOTAL Rs 57634500.00</b>	
<b>Rounded Total Rs 5,76,34,500</b>	
Rupees Five Crore Seventy Six Lakh Thirty Four Thousand Five Hundred Only	

(Cost Index Applied for this estimate is 48.71%)



Other Engineering Organisations

**PRICE**