

TS Register No: 2147/2019-2020

AS Register No:2251/2019-2020

DEVELOPMENT OF PERUVANNAMUZHI DAM TOURISM PROJECT**KOZHIKODE DISTRICT**

Detailed Estimate

(Dsr year: 2016, Cost Index Applied for this estimate is 31.06%)

Sl No	Description	No	L	B	D	CF	Quantity	Remark
1 APPENDIX A-INTERPRETATION CENTER AND TOILET BLOCK								
1	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	15.000	15.000			225.000	
	Toilet block							
	area	1	9.000	7.000			63.000	
	Total Quantity						288.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						288.000 sqm	
	Say 288.000 sqm @ Rs 9.44 / sqm						Rs 2718.72	
2	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							
	for septic tank	1	5.500	2.100	2.150		24.833	
	existing building area	1	16.000	10.600	1.200		203.520	
	Toilet block							
	wall foundation	1	60.000	0.800	0.850		40.800	
	ramp	1	7.400	0.400	0.300		0.889	
	Interpretation center							
	wall foundation	1	50.500	0.800	0.850		34.340	
	ramp	1	7.150	0.400	0.300		0.859	
	septic tank	1	2.700	1.700	1.850		8.492	
	soak pit	1	1.400	1.500	1.700		3.570	
	Total Quantity						317.303 cum	
	Total Deducted Quantity						0.000 cum	

	Net Total Quantity						317.303 cum	
	Say 317.303 cum @ Rs 218.08 / cum						Rs 69197.44	
3	50.2.25.1 Filling with contractor's own earth (excluding rock) in trenches, plinth, sides of foundations 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 as per direction of site Engineer-in-charge							
	Toilet block							
	area	1	8.420	6.000	0.450		22.734	
	interpretation center							
	floor area	1	12.650	6.160	0.450		35.066	
	Total Quantity						57.800 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						57.800 cum	
	Say 57.800 cum @ Rs 407.93 / cum						Rs 23578.35	
4	2.35.3.1 Diluting and injecting chemical emulsion for POST -CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion):Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1:2 (1 cement : 2 coarse sand) to match the existing floor:With Chlorpyriphos/Lindane E.C. 20% with 1% concentration							
	Toilet block							
	area	1	8.420	6.000			50.520	
	interpretation center							
	floor area	1	12.650	6.160			77.924	
	Total Quantity						128.444 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						128.444 sqm	
	Say 128.444 sqm @ Rs 172.87 / sqm						Rs 22204.11	
5	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)							
	for septic tank	1	5.500	2.100	0.100		1.155	
	Toilet block							
	area	1	8.420	6.000	0.100		5.052	
	for wall foundation	1	60.000	0.800	0.100		4.801	

	for ramp	1	8.530	0.400	0.100		0.342	
	step	1	5.900	0.700	0.100		0.414	
	interpretation center							
	floor area	1	12.650	6.160	0.100		7.793	
	for wall foundation	1	50.500	0.800	0.100		4.041	
	for ramp	1	7.150	0.400	0.100		0.287	
	step	1	2.800	0.700	0.100		0.196	
	planter box	1	11.100	0.300	0.100		0.333	
	septic tank	1	2.700	1.700	0.100		0.459	
	soak pit	1	1.400	1.500	0.100		0.210	
	Total Quantity						25.083 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						25.083 cum	
	Say 25.083 cum @ Rs 5869.06 / cum						Rs 147213.63	
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)							
	Toilet block							
	wall foundation	1	60.000	0.600	0.600		21.600	
	basement	1	60.000	0.450	0.450		12.150	
	interpretation center							
	wall foundation	1	50.500	0.600	0.600		18.180	
	basement	1	50.500	0.450	0.450		10.227	
	Total Quantity						62.157 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						62.157 cum	
	Say 62.157 cum @ Rs 5197.64 / cum						Rs 323069.71	
7	5.1.2 Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1.5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size)							
	for septic tank							
	bottom slab	1	5.300	1.900	0.150		1.511	
	wall	2	5.300	0.150	1.800		2.862	

		4	1.600	0.150	1.800		1.728	
	top slab	1	5.300	1.900	0.100		1.007	
	Toilet block							
	plinth belt	1	60.000	0.450	0.150		4.050	
	Interpretation center							
	plinth belt	1	50.500	0.450	0.150		3.409	
	ramp from road	1	3.000	2.000	0.150		0.900	
	septic tank bottom slab	1	2.500	1.500	0.150		0.563	
	top precast	1	2.500	1.500	0.100		0.375	
	wall	1	8.600	0.150	1.500		1.935	
	soak pit wall	1	4.400	0.150	1.500		0.990	
						Total Quantity	19.330 cum	
						Total Deducted Quantity	0.000 cum	
						Net Total Quantity	19.330 cum	
						Say 19.330 cum @ Rs 8145.84 / cum	Rs 157459.09	
8	5.2.2 Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3(1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)							
						toilet block		
	Ground floor column	2	0.200	0.200	3.450		0.277	
						Total Quantity	0.277 cum	
						Total Deducted Quantity	0.000 cum	
						Net Total Quantity	0.277 cum	
						Say 0.277 cum @ Rs 9365.29 / cum	Rs 2594.19	
9	5.3 Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15 ⁰ 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, with 1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).							
						toilet block		
	lintel beam	1	60.000	0.200	0.150		1.800	
	roof beam	1	60.000	0.200	0.300		3.600	

	roof slab	1	9.620	7.200	0.100		6.927	
	sunshade	1	28.840	0.800	0.100		2.308	
	slab for wash basin	1	1.600	0.650	0.100		0.105	
		1	2.800	0.650	0.100		0.182	
	interpretation center							
	lintel beam	1	50.500	0.200	0.150		1.516	
	roof beam	1	50.500	0.200	0.300		3.031	
	roof slab	1	13.850	7.360	0.100		10.194	
	sunshade	1	37.620	0.800	0.100		3.010	
	Total Quantity						32.673 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						32.673 cum	
	Say 32.673 cum @ Rs 9686.38 / cum						Rs 316483.09	
10	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform							
	Toilet block							
	roof slab	1	8.420	6.000			50.520	
	sunshade	1	28.850	0.900			25.966	
	slab for wash basin	1	1.700	0.750			1.275	
		1	2.900	0.750			2.175	
	Interpretation center							
	roof slab	1	13.850	7.360			101.936	
	sunshade	1	37.620	0.900			33.858	
	Total Quantity						215.730 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						215.730 sqm	
	Say 215.730 sqm @ Rs 553.47 / sqm						Rs 119400.08	
11	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete							
	for septic tank							
	bottom slab	1	14.400		0.150		2.160	
	wall	2*2	5.300		1.800		38.160	

		4*2	1.600		1.800		23.041		
	top slab	1	14.400		0.100		1.441		
	Toilet block								
	plinth belt	2	60.000		0.150		18.000		
	interpretation center								
	plinth belt	2	50.500		0.150		15.150		
	for ramp slab	1	3.300	2.300			7.590		
	septic tank bottom	1	4.000		0.150		0.600		
	top precast	1	4.000		0.100		0.400		
	wall	2	8.600		1.500		25.800		
	soke pit wall	2	4.400		1.500		13.201		
	Total Quantity						145.543 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						145.543 sqm		
	Say 145.543 sqm @ Rs 254.19 / sqm						Rs 36995.58		
12	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers								
	Toilet block								
	lintel beam	1*2	60.000		0.150		18.000		
	roof beam	1*2	60.000		0.300		36.000		
	Interpretation center								
	lintel beam	1*2	50.500		0.150		15.150		
	roof beam	1*2	50.500		0.300		30.300		
	Total Quantity						99.450 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						99.450 sqm		
	Say 99.450 sqm @ Rs 449.40 / sqm						Rs 44692.83		
13	5.9.6 Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts								
	toilet block								
	column	2	0.800		3.000		4.801		
	Total Quantity						4.801 sqm		

		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					4.801 sqm	
		Say 4.801 sqm @ Rs 613.16 / sqm					Rs 2943.78	
14	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							
	for toilet block & interpretation center	1	54.000		110.000		5940.000	
		Total Quantity					5940.000 kg	
		Total Deducted Quantity					0.000 kg	
		Net Total Quantity					5940.000 kg	
		Say 5940.000 kg @ Rs 74.18 / kg					Rs 440629.20	
15	50.6.1.2 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement: 6 coarse sand) etc complete.							
		Toilet block						
	outer wall	1	29.350	0.200	3.000		17.611	
	parapet wall	1	28.850	0.200	1.200		6.924	
	step	1	5.900	0.600	0.150		0.531	
		1	5.900	0.300	0.150		0.266	
	ramp	1	3.500	0.200	0.750		0.525	
		1	3.500	0.200	(.75+0)/2		0.263	
		toilet block						
	doors	3	0.900	0.200	2.100		-1.134	
	ventilator	7	0.600	0.600	2.100		-5.292	
		interpretation center						
	wall	1	50.500	0.200	3.000		30.301	
	parapet wall	1	37.650	0.200	1.200		9.036	
	step	1	2.800	0.600	0.150		0.252	
		1	2.800	0.300	0.150		0.126	
	ramp	1	1.500	0.200	0.750		0.226	
		1	5.650	0.200	(.75+0)/2		0.424	
		toilet block						
	D	1	2.800	0.200	2.100		-1.176	

	ventilator	2	0.600	0.600	2.100		-1.512		
	D2	2	0.900	0.600	2.100		-2.268		
	D3	1	0.800	0.200	2.100		-0.336		
	Total Quantity						66.485 cum		
	Total Deducted Quantity						-11.718 cum		
	Net Total Quantity						54.767 cum		
	Say 54.767 cum @ Rs 5533.78 / cum						Rs 303068.53		
16	6.12.1 Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in:Cement mortar 1:3 (1 cement : 3 coarse sand)								
	10cm thick wall horizontal	1	7.730		3.000		23.190		
	vertical	4	1.500		3.000		18.000		
	do	1	2.000		3.000		6.000		
	feeding room	1	2.750		3.000		8.250		
	Door	1	0.900		2.100		-1.890		
	Toilet block								
	inner wall	1	16.500	0.100	3.000		4.950		
	toilet block								
	doors	5	0.800	0.100	2.100		-0.840		
	Total Quantity						60.390 sqm		
	Total Deducted Quantity						-2.730 sqm		
	Net Total Quantity						57.660 sqm		
	Say 57.660 sqm @ Rs 809.95 / sqm						Rs 46701.72		
17	8.12 Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-charge.a. Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.								
	toilet block								
	wash basin slab	1	1.600	0.650			1.040		
		1	2.800	0.650			1.820		
	Total Quantity						2.860 sqm		

	Engineer - in-charge.Second class teak wood35 mm thick shutters							
	interpretation center							
	Door	2	0.900	2.100			3.781	
	W	3	1.800	1.500			8.101	
	Toilet block							
	D	3	0.900	2.100			5.670	
	Total Quantity						17.552 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						17.552 sqm	
	Say 17.552 sqm @ Rs 3339.61 / sqm						Rs 58616.83	
22	9.7.1 Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured), Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick:Second class teak wood							
	interpretation center							
	Door	2	0.900	2.100			3.781	
	W	3	1.800	1.500			8.101	
	Toilet block							
	D	3	0.900	2.100			5.670	
	Total Quantity						17.552 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						17.552 sqm	
	Say 17.552 sqm @ Rs 2669.76 / sqm						Rs 46859.63	
23	9.119 Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door fame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in Charge.							
	interpretation center							
	Toilet	1	5.800				5.800	
	Toilet block							
	Toilet	5	5.800				29.000	
	Total Quantity						34.800 metre	

						Total Deducted Quantity	0.000 metre
						Net Total Quantity	34.800 metre
						Say 34.800 metre @ Rs 575.03 / metre	Rs 20011.04
24	9.120.2	<p>Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5mm thick, 95 mm wide PVC sheet out of which 75 mm shall be tapered in 45 degree on th inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer -in-charge, manufacture's specification & drawing.30 mm thick pre laminated PVC door shutters</p>					
		interpretation center					
	Toilet	1	0.800		2.100		1.681
		Toilet block					
	D3	5	0.800		2.100		8.400
						Total Quantity	10.081 sqm
						Total Deducted Quantity	0.000 sqm
						Net Total Quantity	10.081 sqm
						Say 10.081 sqm @ Rs 4236.78 / sqm	Rs 42710.98
25	9.147D.4	<p>Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, 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 sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealent shall be paid separately)Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.Three track three panels sliding window with fly proof S.S wire mesh (Two nos.glazed & one</p>					

	no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash 46 x 62 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 1.75 sqm).							
	toilet block							
V	7	1.000		1.000		7.000		
	interpretation center							
V	2	1.000		1.000		2.000		
	Total Quantity						9.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						9.000 sqm	
	Say 9.000 sqm @ Rs 9516.53 / sqm						Rs 85648.77	
26	9.7.7.1 Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured), Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick: Float glass panes 4 mm thick glass pane							
	toilet block							
V	7	1.000		1.000		7.000		
	interpretation center							
V	2	1.000		1.000		2.000		
	Total Quantity						9.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						9.000 sqm	
	Say 9.000 sqm @ Rs 1532.88 / sqm						Rs 13795.92	
27	9.53 Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)							
	Toilet block							
D	3	6.000				18.000		
V	7	2.000				14.000		
	interpretation center							
D	2	6.000				12.000		
V	2	2.000				4.000		
w	3	6.000				18.000		
	Total Quantity						66.000 each	

	Total Deducted Quantity							0.000 each
	Net Total Quantity							66.000 each
	Say 66.000 each @ Rs 155.44 / each							Rs 10259.04
28	9.48.1 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 steel windows by welding							
	Toilet block							
	V	7	0.600		0.600	15.0	37.800	
	interpretation center							
	V	2	0.600		0.600	15.0	10.800	
	w	2	1.800		1.500	15.0	81.000	
	Total Quantity							129.600 kg
	Total Deducted Quantity							0.000 kg
	Net Total Quantity							129.600 kg
	Say 129.600 kg @ Rs 137.15 / kg							Rs 17774.64
29	9.97.3 Providing and fixing aluminium tower bolts, ISI marked, anodised(anodic coating not less than grade AC 10 as per : 1868), transparent or dyed to required colour or shade, with necessary screws complete:200x10 mm							
	Toilet block							
	door	3	4.000				12.000	
	interpretation center							
	door	2	4.000				8.000	
	w	3	6.000				18.000	
	Total Quantity							38.000 no
	Total Deducted Quantity							0.000 no
	Net Total Quantity							38.000 no
	Say 38.000 no @ Rs 99.80 / no							Rs 3792.40
30	14.40.3 Providing and fixing chromium plated brass butt hinges with necessary chromium plated brass screws etc. complete.75x65x4 mm (heavy type)							
	Toilet block							
	D	3	6.000				18.000	
	interpretation centre	2	6.000				12.000	

						Total Quantity	30.000 no
						Total Deducted Quantity	0.000 no
						Net Total Quantity	30.000 no
						Say 30.000 no @ Rs 191.54 / no	Rs 5746.20
31	14.40.2	Providing and fixing chromium plated brass butt hinges with necessary chromium plated brass screws etc. complete.100x70x4 mm (ordinary type)					
		Toilet block					
	V	7	4.000				28.000
		interpretation center					
	v	2	4.000				8.000
	w	3	6.000				18.000
						Total Quantity	54.000 no
						Total Deducted Quantity	0.000 no
						Net Total Quantity	54.000 no
						Say 54.000 no @ Rs 168.87 / no	Rs 9118.98
32	14.35.1	Providing and fixing finished brass hard drawn hooks and eyes:300 mm					
		Toilet block					
	V	7	1.000				7.000
		interpretation center					
	V	1	1.000				1.000
	w	3	3.000				9.000
						Total Quantity	17.000 no
						Total Deducted Quantity	0.000 no
						Net Total Quantity	17.000 no
						Say 17.000 no @ Rs 103.60 / no	Rs 1761.20
33	14.35.5	Providing and fixing finished brass hard drawn hooks and eyes:100 mm					
		interpretation center					
	V	9	2.000				18.000
	w	3	6.000				18.000
						Total Quantity	36.000 no
						Total Deducted Quantity	0.000 no

	Net Total Quantity						36.000 no	
	Say 36.000 no @ Rs 65.60 / no						Rs 2361.60	
34	11.46.2 Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm							
	interpretation center							
	step	2	2.800	0.300			1.680	
		2	2.800	0.150			0.840	
		2	1.500	0.300			0.900	
		2	1.500	0.150			0.450	
	floor area	1	12.650	6.160			77.924	
	Toilet block							
	floor area	1	8.420	6.000			50.520	
	step thread	1	5.900	0.600			3.540	
	step raise	1	5.900	0.150			0.885	
	ramp	1	5.850	1.500			8.775	
	toilet block							
	toilet floor area	5	1.200	1.500			-9.000	
	Total Quantity						145.514 sqm	
	Total Deducted Quantity						-9.000 sqm	
	Net Total Quantity						136.514 sqm	
	Say 136.514 sqm @ Rs 1487.79 / sqm						Rs 203104.16	
35	11.37 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 colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.							
	Toilet block							
	Toilet floor	5	1.200	1.500			9.000	
	Total Quantity						9.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						9.000 sqm	
	Say 9.000 sqm @ Rs 902.15 / sqm						Rs 8119.35	

36	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.						
Toilet block								
	Toilet walls	5	(1.2+1.5)* 2		2.100		56.701	
	Deduction for door	5	0.800	2.100			-8.400	
interpretation center								
	Toilet walls	1	4.100		2.100		8.610	
Total Quantity							65.311 sqm	
Total Deducted Quantity							-8.400 sqm	
Net Total Quantity							56.911 sqm	
Say 56.911 sqm @ Rs 976.13 / sqm							Rs 55552.53	
37	13.4.1	12 mm cement plaster of mix:1:4 (1 cement : 4 coarse sand)						
Toilet block								
	Inside and Outside wall	2	60.000		3.000		360.000	
	parapet	1*2	28.840		1.200		69.216	
	parapet top	1	28.840	0.200			5.769	
Toilet block								
	door	3	0.900	2.100			-5.670	
	d3	5	0.800	2.100			-8.400	
	ventilator	7	0.600	0.600			-2.520	
interpretation center								
	Inside and Outside wall	2	50.500		3.000		303.000	
	parapet	1*2	37.650		1.200		90.360	
	parapet top	1	37.650	0.200			7.530	
	planter box	1	11.100		0.650		7.215	
Toilet block								
	door	2	0.900	2.100			-3.780	

	d3	1	0.800	2.100			-1.680		
	ventilator	2	0.600	0.600			-0.720		
	glass door	1	2.800	2.100			-5.880		
	Total Quantity						843.090 sqm		
	Total Deducted Quantity						-28.650 sqm		
	Net Total Quantity						814.440 sqm		
	Say 814.440 sqm @ Rs 237.02 / sqm						Rs 193038.57		
38	13.16.1 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)								
	Toilet block								
	Under side roof slab	1	8.420	6.000			50.520		
	do top	1	8.420	6.000			50.520		
	interpretation center								
	Under side roof slab	1	13.850	7.360			101.936		
	Total Quantity						202.976 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						202.976 sqm		
	Say 202.976 sqm @ Rs 188.46 / sqm						Rs 38252.86		
39	13.7.1 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 (1 cement : 3 fine sand)								
	Toilet block								
	roof slab	1	8.420	6.000			50.520		
	septic tank inside	3	6.400	1.800			34.560		
	interpretation center								
	top roof slab	1	13.850	7.360			101.936		
	Total Quantity						187.016 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						187.016 sqm		
	Say 187.016 sqm @ Rs 297.24 / sqm						Rs 55588.64		
40	13.48.1 Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm								
	Toilet block								

	Inside and Outside wall	2	60.000		3.000		360.000		
	parapet	1*2	28.840		1.200		69.216		
	parapet top	1	28.840	0.200			5.769		
	Toilet block								
	door	3	0.900	2.100			-5.670		
	d3	5	0.800	2.100			-8.400		
	ventilator	7	0.600	0.600			-2.520		
	Toilet block								
	Under side roof slab	1	8.420	6.000			50.520		
	do top	1	8.420	6.000			50.520		
	interpretation center								
	Inside and Outside wall	2	50.500		3.000		303.000		
	parapet	1*2	37.650		1.200		90.360		
	parapet top	1	37.650	0.200			7.530		
	planter box	1	11.100		0.650		7.215		
	Toilet block								
	door	2	0.900	2.100			-3.780		
	d3	1	0.800	2.100			-1.680		
	ventilator	2	0.600	0.600			-0.720		
	glass door	1	2.800	2.100			-5.880		
	interpretation center								
	Under side roof slab	1	13.850	7.360			101.936		
	Total Quantity						1046.066 sqm		
	Total Deducted Quantity						-28.650 sqm		
	Net Total Quantity						1017.416 sqm		
	Say 1017.416 sqm @ Rs 129.68 / sqm						Rs 131938.51		
41	13.48.3 Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture								
	toilet block								
	D	3	1.000		2.100		6.301		

	V	7	1.000		0.600		4.200	
	Total Quantity						10.501 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						10.501 sqm	
	Say 10.501 sqm @ Rs 111.07 / sqm						Rs 1166.35	
42	13.68.1 French spirit polishing:Two or more coats on new works including a coat of wood filler							
	toilet block door	3*2	0.900		2.100		11.340	
	interpretation center	2*2	0.900		2.100		7.561	
	Total Quantity						18.901 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						18.901 sqm	
	Say 18.901 sqm @ Rs 274.90 / sqm						Rs 5195.88	
43	17.3.1 Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid							
	for toilet block	6					6.000	
	for interpretation center	1					1.000	
	Total Quantity						7.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						7.000 each	
	Say 7.000 each @ Rs 6020.57 / each						Rs 42143.99	
44	17.7.4 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 Flat back wash basin size 550x400mm with single 15 mm C.P.brasspillar taps							
	for toilet block	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 2381.82 / each						Rs 11909.10	

45	17.4.3 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:Range of three urinal basins with 10 litre white P.V.C. automatic flushing cistern								
	for toilet block	4					4.000		
	Total Quantity						4.000	each	
	Total Deducted Quantity						0.000	each	
	Net Total Quantity						4.000	each	
	Say 4.000 each @ Rs 9702.83 / each						Rs 38811.32		
46	17.32.2 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm								
	toilet block	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 986.62 / each						Rs 4933.10		
47	18.49.1 Providing and fixing C.P brass bib cock of approved quality conforming to IS: 8931.15 mm nominal bore								
	for toilet block	5					5.000		
	for interpretation center	1					1.000		
	Total Quantity						6.000	each	
	Total Deducted Quantity						0.000	each	
	Net Total Quantity						6.000	each	
	Say 6.000 each @ Rs 487.15 / each						Rs 2922.90		
48	17.73.2 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighting not less than 190 gms								
	toilet block	5					5.000		
	interpretation center	1					1.000		
	Total Quantity						6.000	no	
	Total Deducted Quantity						0.000	no	

	Net Total Quantity						6.000 no	
	Say 6.000 no @ Rs 553.99 / no							Rs 3323.94
49	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							
	toilet block	5					5.000	
	interpretatio center	1					1.000	
	Total Quantity						6.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						6.000 each	
	Say 6.000 each @ Rs 180.67 / each							Rs 1084.02
50	18.8.2 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.20 mm nominal outer dia pipes							
	20MM nominal outer dia pipes	1	30.000				30.000	
	Total Quantity						30.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						30.000 metre	
	Say 30.000 metre @ Rs 373.32 / metre							Rs 11199.60
51	18.8.3 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.25 mm nominal outer dia pipes							
	25mm outer dia pipes	1	20.000				20.000	
	Total Quantity						20.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						20.000 metre	
	Say 20.000 metre @ Rs 437.22 / metre							Rs 8744.40
52	18.8.4							

	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.32 mm nominal outer dia pipes							
	32mm nominal outer dia pipes	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 541.15 / metre						Rs 13528.75	
53	18.9.5 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work40 mm nominal outer dia pipes							
	40mm nominal dia pipes	1	20.000				20.000	
	Total Quantity						20.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						20.000 metre	
	Say 20.000 metre @ Rs 420.90 / metre						Rs 8418.00	
54	18.9.6 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work50 mm nominal outer dia pipes							
	50mm nominal outer dia pipes	1	20.000				20.000	
	Total Quantity						20.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						20.000 metre	
	Say 20.000 metre @ Rs 634.66 / metre						Rs 12693.20	
55	18.9.7 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work62.50 mm nominal inner dia pipes							

	62.5mm nominal outer dia pipes	1	15.000				15.000	
	Total Quantity						15.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						15.000 metre	
	Say 15.000 metre @ Rs 1417.74 / metre						Rs 21266.10	
56	<p>18.7.2 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer -in-Charge. Internal work - Exposed on wall 20 mm nominal outer dia pipes</p>							
	20mm nominal dia pipes	1	20.000				20.000	
	water line from JICA	1	50.000				50.000	
	Total Quantity						70.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						70.000 metre	
	Say 70.000 metre @ Rs 235.84 / metre						Rs 16508.80	
57	<p>18.7.3 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer -in-Charge. Internal work - Exposed on wall 25 mm nominal outer dia pipes</p>							
	25mm nominal dia pipes	1	5.000				5.000	
	Total Quantity						5.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						5.000 metre	
	Say 5.000 metre @ Rs 283.35 / metre						Rs 1416.75	
58	<p>18.7.4 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer -in-Charge. Internal work - Exposed on wall 32 mm nominal outer dia pipes</p>							

	32mm nominal outer dia pipes	1	5.000				5.000	
	Total Quantity						5.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						5.000 metre	
	Say 5.000 metre @ Rs 378.83 / metre						Rs 1894.15	
59	<p>18.7.5 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer -in-Charge. Internal work - Exposed on wall 40 mm nominal outer dia pipes</p>							
	40mm nominal dia pipes	1	5.000				5.000	
	Total Quantity						5.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						5.000 metre	
	Say 5.000 metre @ Rs 505.24 / metre						Rs 2526.20	
60	<p>50.18.8.9.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chased and making good the wall etc. 110 mm pipe 6kgf/cm²</p>							
		1	20.000				20.000	
	Total Quantity						20.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						20.000 metre	
	Say 20.000 metre @ Rs 574.32 / metre						Rs 11486.40	
61	<p>18.7.6 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer -in-Charge. Internal work - Exposed on wall 50 mm nominal outer dia pipes</p>							
	50mm nominal dia pipes	1	5.000				5.000	
	Total Quantity						5.000 metre	
	Total Deducted Quantity						0.000 metre	

	Net Total Quantity						5.000 metre	
	Say 5.000 metre @ Rs 718.93 / metre						Rs 3594.65	
62	18.9.8 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work 75 mm nominal inner dia pipes							
	75mm nominal inner dia pipes	1	5.000				5.000	
	Total Quantity						5.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						5.000 metre	
	Say 5.000 metre @ Rs 1574.10 / metre						Rs 7870.50	
63	18.17.1 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore							
	25mm nominal bore	4					4.000	
	Total Quantity						4.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						4.000 each	
	Say 4.000 each @ Rs 561.20 / each						Rs 2244.80	
64	18.17.2 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :32 mm nominal bore							
	32mm nominal 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 656.28 / each						Rs 1312.56	
65	18.17.3 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :40 mm nominal bore							
	40mm nominal 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 766.31 / each							Rs 1532.62	
66	18.17.4 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore								
	50mm nominal 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 982.82 / each							Rs 1965.64	
67	18.17.5 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :65 mm nominal bore								
	65mm nominal 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 1686.48 / each							Rs 3372.96	
68	18.17.6 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :80 mm nominal bore								
	80mm nominal 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 2515.70 / each							Rs 5031.40	
69	18.17.1A Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :20 mm nominal bore								
	20mm nominal bore	2					2.000		
	Total Quantity							2.000 no	
	Total Deducted Quantity							0.000 no	
	Net Total Quantity							2.000 no	
	Say 2.000 no @ Rs 519.72 / no							Rs 1039.44	
70	18.31.2.2 Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertion etc. (the tail pieces if required will be paid separately):125 mm diameter Class II								

		1					1.000	
	Total Quantity						1.000	no
	Total Deducted Quantity						0.000	no
	Net Total Quantity						1.000	no
	Say 1.000 no @ Rs 5673.72 / no						Rs 5673.72	
71	<p>19.4.1.1 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:100x100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</p>							
		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 2100.11 / each						Rs 2100.11	
72	<p>18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.</p>							
	toilet block & interpretation center	2				1000.000	2000.000	
	Total Quantity						2000.000	Litre
	Total Deducted Quantity						0.000	Litre
	Net Total Quantity						2000.000	Litre
	Say 2000.000 Litre @ Rs 9.50 / Litre						Rs 19000.00	
73	<p>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</p>							
	TOILET BLOCK	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 11315.85 / each							Rs 11315.85
74	19.32.1 Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5							
	for toilet block	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 27105.17 / each							Rs 27105.17
75	18.19.3.1 Providing and fixing gun metal non-return valve of approved quality (screwed end):40 mm nominal boreHorizontal							
	40mm nominal 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 894.94 / each							Rs 1789.88
76	18.19.4.1 Providing and fixing gun metal non-return valve of approved quality (screwed end):50 mm nominal boreHorizontal							
	50mm 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 1294.48 / each							Rs 1294.48
77	18.19.5.1 Providing and fixing gun metal non-return valve of approved quality (screwed end):65 mm nominal boreHorizontal							
	65mm nominal 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 2317.80 / each							Rs 4635.60
78	19.18.3							

	Supplying and fixing C.I with out frame for manholes:560 mm diameter (heavy duty) the weight of the cover to be not less than 108 kg							
		1	10.000				10.000	
	Total Quantity						10.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						10.000 each	
	Say 10.000 each @ Rs 7721.01 / each						Rs 77210.10	
79	<p>19.30.1.1 Constructing brick masonry chamber for underground C.I. inpection chamber and bends with bricks in cement mortar 1:4 (1 cement: 4 coarse sand) C.I.cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg), R.C.C top slab with 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement: 5 fine sand: 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:Inside dimensions 455x610 mm and 45 cm deep for single pipe line:With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</p>							
		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 6261.19 / each						Rs 12522.38	
80	<p>10.28 Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)</p>							
	toilet block							
	50mm pipe	1	7.350	1.200	2.400		21.168	
	40mm pipe	1	7.350	3.000	1.910		42.116	
	Total Quantity						63.284 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						63.284 kg	
	Say 63.284 kg @ Rs 619.13 / kg						Rs 39181.02	
81	15.9.2							

	Demolishing stone rubble masonry manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in-Charges:In cement mortar							
	Existing building foundation	1	92.000	0.450	0.750		31.050	
	Total Quantity						31.050 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						31.050 cum	
	Say 31.050 cum @ Rs 1318.07 / cum						Rs 40926.07	
82	15.2.2 Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge.Nominal concrete 1:4:8 leaner mix (including equivalent design mix)							
	existing building floor	1	20.000	8.000	0.100		16.000	
	Total Quantity						16.000 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						16.000 cum	
	Say 16.000 cum @ Rs 806.22 / cum						Rs 12899.52	
83	15.7.4 Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge.In cement mortar							
	existing building wall	1	92.000	0.200	3.000		55.200	
	Total Quantity						55.200 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						55.200 cum	
	Say 55.200 cum @ Rs 1104.44 / cum						Rs 60965.09	
84	15.12.1 Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:Of area 3 sq. metres and below							
	door and windows	16	1.000				16.000	
	Total Quantity						16.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						16.000 each	
	Say 16.000 each @ Rs 206.88 / each						Rs 3310.08	
85	15.19							

	Dismantling steel work manually / by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per directions of Engineer -in-Charge.							
	existing building roof	1	20.000	8.000	10.000		1600.000	
	Total Quantity						1600.000 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						1600.000 kg	
	Say 1600.000 kg @ Rs 2.10 / kg						Rs 3360.00	
86	15.28.1 Dismantling roofing including ridges, hips, velleys and gutters etc., and stacking the material within 50 metres lead of :G.S. Sheet							
	Roof	1	20.000	8.000			160.000	
	Total Quantity						160.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						160.000 sqm	
	Say 160.000 sqm @ Rs 91.87 / sqm						Rs 14699.20	
87	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.							
	plinth belt	1	92.000	0.450	0.100		4.140	
	Total Quantity						4.140 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						4.140 cum	
	Say 4.140 cum @ Rs 1906.33 / cum						Rs 7892.21	
88	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							
		1	2.800		2.300		6.440	
		1	1.800		2.300		4.140	
	Total Quantity						10.580 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						10.580 sqm	

SI No	Description	No	L	B	D	CF	Quantity	Remark
Say 10.580 sqm @ Rs 2413.34 / sqm							Rs 25533.14	
2 APPENDIX B-CANTEEN								
1	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	20.000	20.000			400.000	
Total Quantity							400.000 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							400.000 sqm	
Say 400.000 sqm @ Rs 9.44 / sqm							Rs 3776.00	
2	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							
	all kind of soil footing	14	1.500	1.500	1.000		31.500	
	Verandah foundation	1	5.590	0.650	0.400		1.454	
	Steps	1	5.600	0.700	0.200		0.784	
	For septic tank	1	5.500	2.100	2.150		24.833	
Total Quantity							58.571 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							58.571 cum	
Say 58.571 cum @ Rs 218.08 / cum							Rs 12773.16	
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.							
	40% of earthwork excavation	1	0.400	14.000			5.601	
Total Quantity							5.601 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							5.601 cum	
Say 5.601 cum @ Rs 164.81 / cum							Rs 923.10	
4	50.2.25.1 Filling with contractor's own earth (excluding rock) in trenches, plinth, sides of foundations 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 as per direction of site Engineer-in-charge							
	Area	1	210.000		0.500		105.000	
	plinth beam horizontal	-2	13.700	0.300	0.500		-4.109	
		-4	6.700	0.300	0.500		-4.019	
	vertical	-2	26.000	0.300	0.500		-7.800	
		-1	6.700	0.300	0.500		-1.004	
	Total Quantity						88.068 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						88.068 cum	
	Say 88.068 cum @ Rs 407.93 / cum						Rs 35925.58	
5	2.35.1.1 Diluting and injecting chemical emulsion for POST -CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion):Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300mm including excavation channel along the wall & rodding etc. complete:With Chlorpyriphos /Lindane E.C. 20% with 1% concentration							
	area	1	210.000				210.000	
	Total Quantity						210.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						210.000 metre	
	Say 210.000 metre @ Rs 22.02 / metre						Rs 4624.20	
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)							
	footing	14	1.500	1.500	0.150		4.725	
	Area	1	210.000		0.100		21.000	
	Verandah foundation	1	5.590	0.650	0.100		0.364	
	do flooring	1	3.590	2.000	0.100		0.718	
	foundation steps	1	5.600	0.700	0.200		0.784	
	for septic tank	1	5.500	2.100	0.100		1.155	
	Total Quantity						28.746 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						28.746 cum	
	Say 28.746 cum @ Rs 5869.06 / cum						Rs 168712.00	

7	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)							
	Foundation for verandah	1	5.590	0.450	0.300		0.755	
	Do basement	1	5.590	0.450	0.350		0.881	
	Total Quantity						1.636 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						1.636 cum	
	Say 1.636 cum @ Rs 5197.64 / cum						Rs 8503.34	
8	5.1.2 Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1.5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size)							
	footing for column	14	1.300	1.300	0.450		10.647	
	pedestal	14	0.300	0.300	0.500		0.630	
	for septic tank							
	bottom slab	1	5.300	1.900	0.150		1.511	
	wall	2	5.300	0.150	1.800		2.862	
		4	1.600	0.150	1.800		1.728	
	top slab	1	5.300	1.900	0.100		1.007	
	Total Quantity						18.385 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						18.385 cum	
	Say 18.385 cum @ Rs 8145.84 / cum						Rs 149761.27	
9	5.2.2 Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up tot floor five level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3(1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)							
	ground floor column	14	0.300	0.300	$(2.1+4.43) / 2$		4.114	
	Total Quantity						4.114 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						4.114 cum	

	Say 4.114 cum @ Rs 9365.29 / cum						Rs 38528.80	
10	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete							
	footing for column	14	5.200		0.200		14.560	
	pedestal	14	1.200		0.500		8.400	
	for pcc footing	14	6.000		0.150		12.600	
	for septic tank							
	bottom slab	1	14.400		0.150		2.160	
	wall	2*2	5.300		1.800		38.160	
		4*2	1.600		1.800		23.041	
	top slab	1	14.400		0.100		1.441	
	Total Quantity						100.362 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						100.362 sqm	
	Say 100.362 sqm @ Rs 254.19 / sqm						Rs 25511.02	
11	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers							
	Ground Floor							
	plinth beam horizontal	2*2	25.410		0.300		30.492	
		1*2	6.670		0.300		4.002	
	Plinth Vert	2*2	15.190		0.300		18.228	
	Do	3*2	6.610		0.300		11.898	
	Lintel	2*2	25.410		0.150		15.246	
	Do	2*2	15.190		0.150		9.114	
	Sunshade outside	1	80.000	0.900			72.000	
	cantilever roof	1	3.600	2.100			7.561	
	Total Quantity						168.541 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						168.541 sqm	
	Say 168.541 sqm @ Rs 449.40 / sqm						Rs 75742.33	
12	5.3 Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15 ⁰ 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, with 1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).							
	Ground Floor							
	plinth beam horizontal	2	25.410	0.230	0.300		3.507	
		1	6.670	0.230	0.300		0.461	
	Plinth Vert	2	15.190	0.230	0.300		2.097	
	Do	3	6.610	0.230	0.300		1.369	
	Lintel	2	25.410	0.230	0.150		1.754	
	Do	2	15.190	0.230	0.150		1.049	
	Sunshade outside	1	80.000	0.800	0.100		6.400	
	cantilever roof	1	3.600	2.100	0.100		0.757	
						Total Quantity	17.394 cum	
						Total Deducted Quantity	0.000 cum	
						Net Total Quantity	17.394 cum	
						Say 17.394 cum @ Rs 9686.38 / cum	Rs 168484.89	
13	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							
		1	42.000		120.000		5040.000	
						Total Quantity	5040.000 kg	
						Total Deducted Quantity	0.000 kg	
						Net Total Quantity	5040.000 kg	
						Say 5040.000 kg @ Rs 74.18 / kg	Rs 373867.20	
14	50.6.1.2 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size conforming 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.							
	wall around	2	25.410	0.230	2.750		32.144	
		2	8.390	0.230	2.750		10.614	
	Inner wall	1	4.220	0.230	2.750		2.670	
		1	2.770	0.230	2.750		1.753	
		1	6.610	0.230	2.750		4.181	
	Steps	1	5.600	0.600	0.150		0.504	
		1	5.600	0.300	0.150		0.252	

	35MM Thick shutters DD	1	1.500		2.100		-3.151		
	D2	4	0.900	0.230	2.100		-1.738		
	W2	11	2.000	0.230	1.500		-7.590		
	W1	3	1.500	0.230	1.500		-1.552		
	Total Quantity						52.118 cum		
	Total Deducted Quantity						-14.031 cum		
	Net Total Quantity						38.087 cum		
	Say 38.087 cum @ Rs 5533.78 / cum						Rs 210765.08		
15	6.2.1 Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:Cement mortar 1:4 (1 cement : 4 coarse sand)								
		1	6.610	0.100	3.000		1.983		
		2	1.340	0.100	3.000		0.804		
	D	3	0.800	0.100	2.100		-0.504		
	Total Quantity						2.787 cum		
	Total Deducted Quantity						-0.504 cum		
	Net Total Quantity						2.283 cum		
	Say 2.283 cum @ Rs 6019.52 / cum						Rs 13742.56		
16	5.9.6 Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts								
	ground floor column	14	1.200		3.270		54.936		
	Total Quantity						54.936 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						54.936 sqm		
	Say 54.936 sqm @ Rs 613.16 / sqm						Rs 33684.56		
17	9.1.1 Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).Second class teak wood								
	DD	1	7.200	0.100	0.120		0.087		
	D2	4	5.100	0.100	0.120		0.245		
	W2	11	10.000	0.100	0.120		1.320		
	W1	3	6.000	0.100	0.120		0.217		

	Total Quantity						1.869 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						1.869 cum	
	Say 1.869 cum @ Rs 121549.04 / cum						Rs 227175.16	
18	9.5.1.1 Providing and fixing panelled or panelled and glazed shutters for shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer - in-charge. Second class teak wood 35 mm thick shutters							
	35MM Thick shutters DD	1	1.500		2.100		3.151	
	D2	4	0.900		2.100		7.561	
	W2	11	2.000		1.500		33.000	
	W1	3	1.500		1.500		6.750	
	Total Quantity						50.462 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						50.462 sqm	
	Say 50.462 sqm @ Rs 3339.61 / sqm						Rs 168523.40	
19	9.7.1 Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening in panel inserts excluding portion inside grooves or rebates to be measured), Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick: Second class teak wood							
	35MM Thick shutters DD	1	1.500		2.100		3.151	
	D2	4	0.900		2.100		7.561	
	W2	11	2.000		1.500		33.000	
	W1	3	1.500		1.500		6.750	
	Total Quantity						50.462 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						50.462 sqm	
	Say 50.462 sqm @ Rs 2669.76 / sqm						Rs 134721.43	
20	9.48.1 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 steel windows by welding							
	W2	11	2.000		1.500	15.0	495.000	

	W1	3	1.500		1.500	15.0	101.250		
	V	3	0.750		0.750	15.0	25.313		
	Total Quantity						621.563 kg		
	Total Deducted Quantity						0.000 kg		
	Net Total Quantity						621.563 kg		
	Say 621.563 kg @ Rs 137.15 / kg						Rs 85247.37		
21	<p>9.119 Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in Charge.</p>								
		5	5.000				25.000		
	Total Quantity						25.000 metre		
	Total Deducted Quantity						0.000 metre		
	Net Total Quantity						25.000 metre		
	Say 25.000 metre @ Rs 575.03 / metre						Rs 14375.75		
22	<p>9.120.2 Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5mm thick, 95 mm wide PVC sheet out of which 75 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer -in-charge, manufacture's specification & drawing.30 mm thick pre laminated PVC door shutters</p>								
		5	0.800		2.100		8.400		
	Total Quantity						8.400 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						8.400 sqm		
	Say 8.400 sqm @ Rs 4236.78 / sqm						Rs 35588.95		
23	9.147D.4								

	<p>Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately)Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.Three track three panels sliding window with fly proof S.S wire mesh (Two nos.glazed & one no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash46 x 62 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 1.75 sqm).</p>						
V	3	0.750		0.750		1.688	
	Total Quantity					1.688 sqm	
	Total Deducted Quantity					0.000 sqm	
	Net Total Quantity					1.688 sqm	
	Say 1.688 sqm @ Rs 9516.53 / sqm					Rs 16063.90	
24	<p>9.7.7.1 Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured), Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick:Float glass panes4 mm thick glass pane</p>						
V	3	0.750		0.750		1.688	
	Total Quantity					1.688 sqm	
	Total Deducted Quantity					0.000 sqm	
	Net Total Quantity					1.688 sqm	
	Say 1.688 sqm @ Rs 1532.88 / sqm					Rs 2587.50	
25	<p>9.53 Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)</p>						
D	5	6.000				30.000	
W	14	4.000				56.000	
	Total Quantity					86.000 each	

	per sqm, including pointing in white cement mixed with pigment of matching shade complete.						
		3	6.680		2.100		42.084
		1	6.610		0.500		3.305
	Total Quantity						45.389 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						45.389 sqm
	Say 45.389 sqm @ Rs 976.13 / sqm						Rs 44305.56
30	11.46.2 Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm						
	Verandah	1	3.590	2.000			7.180
	Steps	1	5.600	0.600			3.360
	rise	1	5.600	0.450			2.520
	Total Quantity						13.060 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						13.060 sqm
	Say 13.060 sqm @ Rs 1487.79 / sqm						Rs 19430.54
31	13.4.1 12 mm cement plaster of mix:1:4 (1 cement : 4 coarse sand)						
	wall around inside and outside	2*2	25.410		3.000		304.920
		2*2	8.390		3.000		100.680
	Inner wall	1*2	4.220		3.000		25.320
		1*2	2.770		3.000		16.620
		1*2	6.610		3.000		39.661
	35MM Thick shutters DD	1	1.500		2.100		-3.151
	D2	4	0.900		2.100		-7.560
	W2	11	2.000		1.500		-33.000
	W1	3	1.500		1.500		-6.750
	Half wall inside	1	6.610		3.000		19.831
	do	2	1.340		3.000		8.041
	D	3	0.800		2.100		-5.040

						Total Quantity	515.073 sqm	
						Total Deducted Quantity	-55.501 sqm	
						Net Total Quantity	459.572 sqm	
						Say 459.572 sqm @ Rs 237.02 / sqm	Rs 108927.76	
32	13.7.1	12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 (1 cement : 3 fine sand)						
	septic tank inside	3	6.400	1.800			34.560	
	septic tank interpretation center	1	9.800	1.800			17.640	
	soke pit	1	4.400	1.800			7.921	
						Total Quantity	60.121 sqm	
						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	60.121 sqm	
						Say 60.121 sqm @ Rs 297.24 / sqm	Rs 17870.37	
33	13.48.1	Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm						
		1				385.000	385.000	
	wall around inside and outside	2*2	25.410			3.000	304.920	
		2*2	8.390			3.000	100.680	
	Inner wall	1*2	4.220			3.000	25.320	
		1*2	2.770			3.000	16.620	
		1*2	6.610			3.000	39.661	
	35MM Thick shutters DD	1	1.500			2.100	-3.151	
	D2	4	0.900			2.100	-7.560	
	W2	11	2.000			1.500	-33.000	
	W1	3	1.500			1.500	-6.750	
	Half wall inside	1	6.610			3.000	19.831	
	do	2	1.340			3.000	8.041	
	D	3	0.800			2.100	-5.040	
						Total Quantity	900.073 sqm	
						Total Deducted Quantity	-55.501 sqm	

						Net Total Quantity	844.572 sqm
						Say 844.572 sqm @ Rs 129.68 / sqm	Rs 109524.10
34	13.48.3	Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture					
	D2	4	0.900		2.100		7.560
	W2	11	2.000		1.500		33.000
	W1	3	1.500		1.500		6.750
						Total Quantity	47.310 sqm
						Total Deducted Quantity	0.000 sqm
						Net Total Quantity	47.310 sqm
						Say 47.310 sqm @ Rs 111.07 / sqm	Rs 5254.72
35	13.68.1	French spirit polishing:Two or more coats on new works including a coat of wood filler					
		1	10.000				10.000
	35MM Thick shutters DD	1	1.500		2.100		3.151
						Total Quantity	13.151 sqm
						Total Deducted Quantity	0.000 sqm
						Net Total Quantity	13.151 sqm
						Say 13.151 sqm @ Rs 274.90 / sqm	Rs 3615.21
36	12.45.2	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5x25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing					

	tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with:12.5 mm thick tapered edge gypsum fire resistant board conforming to IS; 2095-Part I						
	roof first	1	210.000				210.000
	Total Quantity						210.000 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						210.000 sqm
	Say 210.000 sqm @ Rs 1208.44 / sqm						Rs 253772.40
37	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						
		1	20.520	8.410		30.0	5177.196
		1	17.710	8.470		30.0	4500.111
	Total Quantity						9677.307 kg
	Total Deducted Quantity						0.000 kg
	Net Total Quantity						9677.307 kg
	Say 9677.307 kg @ Rs 118.28 / kg						Rs 1144631.87
38	od238291/2019_2020 Supplying and fixing composite cement designer board 16mm thick over roof truss using best quality hooks and nuts and bitumen washer including necessary overlap of 150mm at ends, cost and conveyance of all materials labour charges etc complete						
		1	20.520	8.410			172.574
		1	17.710	8.470			150.004
	Total Quantity						322.578 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						322.578 sqm
	Say 322.578 sqm @ Rs 870.73 / sqm						Rs 280878.34
39	od238292/2019_2020 Supplying and fixing roof covering over cement composite board using shingles best quality including cost and conveyance of all materials, labour charges etc complete						
		1	20.520	8.410			172.574
		1	17.710	8.470			150.004
	Total Quantity						322.578 sqm

		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					322.578 sqm	
		Say 322.578 sqm @ Rs 1700.32 / sqm					Rs 548485.82	
40	13.52.1 Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work							
		1	20.520	8.410		0.5	86.287	
		1	17.710	8.470		0.5	75.002	
		Total Quantity					161.289 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					161.289 sqm	
		Say 161.289 sqm @ Rs 160.55 / sqm					Rs 25894.95	
41	15.9.2 Demolishing stone rubble masonry manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in-Charges. In cement mortar							
	Existing building foundation	1	130.000	0.600	0.750		58.500	
		Total Quantity					58.500 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					58.500 cum	
		Say 58.500 cum @ Rs 1318.07 / cum					Rs 77107.10	
42	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.							
	plinth belt existing building	1	130.000	0.450	0.100		5.851	
		Total Quantity					5.851 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					5.851 cum	
		Say 5.851 cum @ Rs 1906.33 / cum					Rs 11153.94	
43	15.2.2 Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge. Nominal concrete 1:4:8 leaner mix (including equivalent design mix)							
	floor	1	25.000	11.000	0.100		27.500	

							Total Quantity	27.500 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	27.500 cum
							Say 27.500 cum @ Rs 806.22 / cum	Rs 22171.05
44	15.7.4	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. In cement mortar						
	wall	1	130.000	0.200	3.000		78.000	
							Total Quantity	78.000 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	78.000 cum
							Say 78.000 cum @ Rs 1104.44 / cum	Rs 86146.32
45	15.12.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:Of area 3 sq. metres and below						
	Doors and windows	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 206.88 / each	Rs 3103.20
46	15.14.2	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead:Of sectional area below 40 square centimeters						
	existing building roof	1	3375.000				3375.000	
							Total Quantity	3375.000 metre
							Total Deducted Quantity	0.000 metre
							Net Total Quantity	3375.000 metre
							Say 3375.000 metre @ Rs 10.09 / metre	Rs 34053.75
47	15.31	Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.						
	existing building roof	2	7.500	27.000			405.000	
							Total Quantity	405.000 sqm
							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	405.000 sqm

SI No	Description	No	L	B	D	CF	Quantity	Remark
Say 405.000 sqm @ Rs 113.04 / sqm							Rs 45781.20	
3 APPENDIX C-OPEN CAFETERIA								
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							
	kerb	1	(10+11)*2	0.300	0.300		3.780	
Total Quantity							3.780 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							3.780 cum	
Say 3.780 cum @ Rs 218.08 / cum							Rs 824.34	
2	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	10.000	11.000			110.000	
Total Quantity							110.000 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							110.000 sqm	
Say 110.000 sqm @ Rs 18.28 / sqm							Rs 2010.80	
3	4.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:1/2:3 (cement : 11/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)							
		1	(10+11)*2	0.300	0.650		8.190	
Total Quantity							8.190 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							8.190 cum	
Say 8.190 cum @ Rs 7764.85 / cum							Rs 63594.12	
4	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns							
		2	(10+11)*2		0.350		29.400	
Total Quantity							29.400 sqm	
Total Deducted Quantity							0.000 sqm	

		Net Total Quantity					29.400 sqm	
		Say 29.400 sqm @ Rs 254.19 / sqm					Rs 7473.19	
5	16.68 Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.							
		1	10.000	11.000			110.000	
		Total Quantity					110.000 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					110.000 sqm	
		Say 110.000 sqm @ Rs 806.94 / sqm					Rs 88763.40	
6	51.2.3 Filling with Quarry Muck Filling up low lying and water logged areas with local material/ quarry muck, spreading in layers, leveling the top at site and consolidation by ramming, etc complete for improving the CBR value of subgrade							
		1	10.000	11.000	0.200		22.000	
		Total Quantity					22.000 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					22.000 cum	
		Say 22.000 cum @ Rs 891.01 / cum					Rs 19602.22	
SI No	Description	No	L	B	D	CF	Quantity	Remark
4 APPENDIX D -WALKWAY WITH HANDRAIL								
1	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	450.000	1.500			675.000	
		Total Quantity					675.000 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					675.000 sqm	
		Say 675.000 sqm @ Rs 18.28 / sqm					Rs 12339.00	
2	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							
		2	450.000	0.300	0.300		81.000	

	High mast - Foundation	1	1.500	1.500	1.500		3.375	
	Total Quantity						84.375 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						84.375 cum	
	Say 84.375 cum @ Rs 218.08 / cum						Rs 18400.50	
3	4.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:1/2:3 (cement : 11/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)							
		2	450.000	0.300	0.650		175.500	
	Total Quantity						175.500 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						175.500 cum	
	Say 175.500 cum @ Rs 7764.85 / cum						Rs 1362731.18	
4	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns							
		2*2	450.000		0.350		630.000	
	Total Quantity						630.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						630.000 sqm	
	Say 630.000 sqm @ Rs 254.19 / sqm						Rs 160139.70	
5	51.2.3 Filling with Quarry Muck Filling up low lying and water logged areas with local material/ quarry muck, spreading in layers, leveling the top at site and consolidation by ramming, etc complete for improving the CBR value of subgrade							
		1	450.000	1.500	0.200		135.000	
	Total Quantity						135.000 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						135.000 cum	
	Say 135.000 cum @ Rs 891.01 / cum						Rs 120286.35	
6	16.68 Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.							

	pathway	1	450.000	1.500			675.000	
	Total Quantity						675.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						675.000 sqm	
	Say 675.000 sqm @ Rs 806.94 / sqm						Rs 544684.50	
7	<p>10.28 Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)</p>							
	50mm pipe vertical post	1	450.000	1.200	2.400		1296.000	
	40mm pipe horizontal	1	450.000	3.000	1.910		2578.500	
	Total Quantity						3874.500 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						3874.500 kg	
	Say 3874.500 kg @ Rs 619.13 / kg						Rs 2398819.19	
8	<p>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)</p>							
	H i g h m a s t - F o u n d a t i o n	1	1.500	1.500	0.150		0.338	
	Total Quantity						0.338 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						0.338 cum	
	Say 0.338 cum @ Rs 5869.06 / cum						Rs 1983.74	
9	<p>5.1.2 Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size)</p>							
	H i g h m a s t - F o u n d a t i o n	1	1.200	1.200	0.300		0.432	
	High mast- Pedestal	1	0.700	0.700	1.100		0.539	
	Total Quantity						0.971 cum	

	Total Deducted Quantity							0.000 cum	
	Net Total Quantity							0.971 cum	
	Say 0.971 cum @ Rs 8145.84 / cum							Rs 7909.61	
10	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete								
	High mast - Foundation	4	1.200		0.300		1.440		
	High mast- Pedestal	4	0.700		1.100		3.080		
	Total Quantity							4.520 sqm	
	Total Deducted Quantity							0.000 sqm	
	Net Total Quantity							4.520 sqm	
	Say 4.520 sqm @ Rs 254.19 / sqm							Rs 1148.94	
11	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								
	High mast - Foundation and basement	0.97				120.0	116.400		
	Total Quantity							116.400 kilogram	
	Total Deducted Quantity							0.000 kilogram	
	Net Total Quantity							116.400 kilogram	
	Say 116.400 kilogram @ Rs 74.18 / kilogram							Rs 8634.55	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
5 APPENDIX E -CAR PARKING									
1	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	30.000	50.000			1500.000		
	Total Quantity							1500.000 sqm	
	Total Deducted Quantity							0.000 sqm	
	Net Total Quantity							1500.000 sqm	
	Say 1500.000 sqm @ Rs 18.28 / sqm							Rs 27420.00	
2	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							
		1	2*(25+42)	0.300	0.300		12.060	
	Total Quantity						12.060 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						12.060 cum	
	Say 12.060 cum @ Rs 218.08 / cum						Rs 2630.04	
3	4.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:1/2:3 (cement : 1 1/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)							
	Kerb	1	2*(25+42)	0.300	0.650		26.130	
	Total Quantity						26.130 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						26.130 cum	
	Say 26.130 cum @ Rs 7764.85 / cum						Rs 202895.53	
4	5.1.2 Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size)							
	ramp from road	1	3.000	2.000	0.200		1.201	
	Total Quantity						1.201 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						1.201 cum	
	Say 1.201 cum @ Rs 8145.84 / cum						Rs 9783.15	
5	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns							
		2	2*(25+42)		0.350		93.800	
	ramp from road	1	3.400	2.400			8.160	
	Total Quantity						101.960 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						101.960 sqm	
	Say 101.960 sqm @ Rs 254.19 / sqm						Rs 25917.21	
6	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						
	for ramp	1	1.200			120.0	144.000
	Total Quantity						144.000 kg
	Total Deducted Quantity						0.000 kg
	Net Total Quantity						144.000 kg
	Say 144.000 kg @ Rs 74.18 / kg						Rs 10681.92
7	16.68 Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.						
		1	42.000	25.000			1050.000
	Total Quantity						1050.000 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						1050.000 sqm
	Say 1050.000 sqm @ Rs 806.94 / sqm						Rs 847287.00
8	51.2.3 Filling with Quarry Muck Filling up low lying and water logged areas with local material/ quarry muck, spreading in layers, leveling the top at site and consolidation by ramming, etc complete for improving the CBR value of subgrade						
		1	42.000	25.000	0.300		315.000
	Total Quantity						315.000 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						315.000 cum
	Say 315.000 cum @ Rs 891.01 / cum						Rs 280668.15
9	15.9.2 Demolishing stone rubble masonry manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in-Charges:In cement mortar						
	Existing building foundation	1	48.000	0.600	0.750		21.600
	Total Quantity						21.600 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						21.600 cum
	Say 21.600 cum @ Rs 1318.07 / cum						Rs 28470.31
10	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.							
	plinth belt	1	48.000	0.450	0.150		3.240	
	Total Quantity						3.240 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						3.240 cum	
	Say 3.240 cum @ Rs 1906.33 / cum						Rs 6176.51	
11	15.2.2 Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge.Nominal concrete 1:4:8 leaner mix (including equivalent design mix)							
	existing building floor	1	8.000	8.000	0.100		6.400	
	Total Quantity						6.400 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						6.400 cum	
	Say 6.400 cum @ Rs 806.22 / cum						Rs 5159.81	
12	15.7.4 Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge.In cement mortar							
	existing building wall	1	48.000	0.200	3.000		28.801	
	Total Quantity						28.801 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						28.801 cum	
	Say 28.801 cum @ Rs 1104.44 / cum						Rs 31808.98	
SI No	Description	No	L	B	D	CF	Quantity	Remark
6 APPENDIX F -KIDS PARK 2400 sqm								
1	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	40.000	60.000			2400.000	
	Total Quantity						2400.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2400.000 sqm	
	Say 2400.000 sqm @ Rs 18.28 / sqm						Rs 43872.00	
2	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							
	fencing							
	vertical post for fencing	45	0.450	0.450	0.500		4.557	
	fencing							
	for sign board	10	0.450	0.450	0.500		1.013	
	Total Quantity						5.570 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						5.570 cum	
	Say 5.570 cum @ Rs 218.08 / cum						Rs 1214.71	
3	4.1.2 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:1/2:3 (cement : 11/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)							
	vertical post for fencing	45	0.450	0.450	0.500		4.557	
	fencing							
	for sign board	10	0.450	0.450	0.500		1.013	
	Total Quantity						5.570 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						5.570 cum	
	Say 5.570 cum @ Rs 7764.85 / cum						Rs 43250.21	
4	10.25.2 Item Shifted to head 14 as item 14.74Steel 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							
	fencing							
	2'x2' vertical post GI pipe	45	2.500			13.6	1530.000	
	1'x1' horizontal	135	2.000			6.8	1836.000	
	1'x1' vertical	90	2.000			6.8	1224.000	
	Total Quantity						4590.000 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						4590.000 kg	

	Say 4590.000 kg @ Rs 112.65 / kg						Rs 517063.50	
5	16.70.2 Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts , bolts and washers as required complete as per the direction of Engineer-in- charge.Made of G.I wire of dia 4 mm. PVC coated to achieve outer dia. not less than 5 mm in required colour and shade							
	Fencing							
	around childrens park	1	85.000	2.000			170.000	
	Total Quantity						170.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						170.000 sqm	
	Say 170.000 sqm @ Rs 779.35 / sqm						Rs 132489.50	
6	13.48.1 Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm							
	compound wall existing	1	85.000	1.500			127.500	
		1	7.200	3.000			21.600	
		1	15.200	2.000			30.400	
		1	15.200	0.600			9.120	
		1	16.610	1.000			16.610	
	Total Quantity						205.230 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						205.230 sqm	
	Say 205.230 sqm @ Rs 129.68 / sqm						Rs 26614.23	
7	od241051/2019_2020 "Grassing with buffalo grass including watering and maintenace of the lawn for 30days or more till the grass forms a thick lawn, free from weeds including supplying good earth if needed, including cost of grass mat inputs manure and fertilizers used periodically for top dressing ,chemical and mechanical pest control and all post planting maintenance procedure complete till the completion of the project." 							
	inside kids park	1	50.000	10.000			500.000	
	Total Quantity						500.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						500.000 sqm	
	Say 500.000 sqm @ Rs 240.29 / sqm						Rs 120145.00	

8	16.61	Providing Retro - reflective regulatory sign board of size 900 mm diameter made out of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated lens type retro reflective sheeting as approved by Engineer-in-Charge. Letter, symbols, borders etc. will be as per IRC. 67 with required colour scheme on the boards and with the high intensity grade A. The aluminium sheet to be riveted to M.S. frame of M.S. angle 50x50x4 mm , 4 m long welded to the frame with adequate anti-theft arrangement. Sheet work to be painted with two or more coats of synthetic enamel paint over an under coat (primer) and back side of aluminium sheet to be painted with two or more coats of epoxy paint including appropriate priming coat complete in all respects as per direction of Engineer- in-charge .						
	park	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 6904.11 / each							Rs 69041.10
9	od266338/2019_2020	Supply and fixing dustbins are designed and manufacture using extreme quality of stainless steel material and cutting edges techniques as per standard specification and condition complete as per direction of engineer in charge,SBS 36 Litre stainless steel swinng bin size 10x28 inches						
		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 3484.50 / each							Rs 52267.50
10	od266769/2019_2020	Supplying and placing cast iron benches with wooden panels size 4" x 2" with back rest,rate inclusive of transport						
	park benches	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 14500.00 / each							Rs 145000.00
SI No	Description	No	L	B	D	CF	Quantity	Remark
7 APPENDIX G - TICKET COUNTER AND SECURITY CABINS								
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						

	f O U N D A T I O N TICKET COUNTER	1	10.000	0.700	0.700		4.900	
	dO SECURITY CABIN	1	10.000	0.700	0.700		4.900	
	Total Quantity						9.800 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						9.800 cum	
	Say 9.800 cum @ Rs 218.08 / cum						Rs 2137.18	
2	50.2.25.1 Filling with contractor's own earth (excluding rock) in trenches, plinth, sides of foundations 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 as per direction of site Engineer-in-charge							
	basement	1	2.000	3.000	0.350		2.100	
	sec cabin	1	2.000	3.000	0.350		2.100	
	Total Quantity						4.200 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						4.200 cum	
	Say 4.200 cum @ Rs 407.93 / cum						Rs 1713.31	
3	2.35.1.1 Diluting and injecting chemical emulsion for POST -CONSTRUCTION anti-termite treatment (excluding the cost of chemical emulsion):Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300mm including excavation channel along the wall & rodding etc. complete:With Chlorpyriphos /Lindane E.C. 20% with 1% concentration							
	tick counter	1	6.000				6.000	
	Sec cabin	1	6.000				6.000	
	Total Quantity						12.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						12.000 metre	
	Say 12.000 metre @ Rs 22.02 / metre						Rs 264.24	
4	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)							
	Foundation	1	10.000	0.700	0.100		0.701	
	area	1	2.000	3.000	0.100		0.601	
	Foundation Secu cabin	1	10.000	0.700	0.100		0.701	

	Do	1	2.000	3.000	0.100		0.601	
	Total Quantity						2.604 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						2.604 cum	
	Say 2.604 cum @ Rs 5869.06 / cum						Rs 15283.03	
5	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)							
	Foundation	1	10.000	0.600	0.600		3.600	
	Basement	1	10.000	0.450	0.300		1.350	
	Foundation Sec Cabin	1	10.000	0.600	0.600		3.600	
	Basement Do	1	10.000	0.450	0.300		1.350	
	Total Quantity						9.900 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						9.900 cum	
	Say 9.900 cum @ Rs 5197.64 / cum						Rs 51456.64	
6	5.1.2 Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size)							
	Basement	1	10.000	0.450	0.150		0.675	
	Basement belt	1	10.000	0.450	0.150		0.675	
	Total Quantity						1.350 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						1.350 cum	
	Say 1.350 cum @ Rs 8145.84 / cum						Rs 10996.88	
7	50.6.1.2 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement: 6 coarse sand) etc complete.							
	outer wall	1	10.000	0.200	3.000		6.000	
	D	1	0.900	0.200	2.100		-0.378	
	W	1	0.900	0.200	1.500		-0.270	
	outer wall Sec Csabin	1	10.000	0.200	3.000		6.000	

	D Sec Cabin	1	0.900	0.200	2.100		-0.378	
	W sec Cabin	1	0.900	0.200	1.500		-0.270	
	Total Quantity						12.000 cum	
	Total Deducted Quantity						-1.296 cum	
	Net Total Quantity						10.704 cum	
	Say 10.704 cum @ Rs 5533.78 / cum						Rs 59233.58	
8	5.3 Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15 ⁰ 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, with 1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).							
	Ground floor lintel out side	1	10.000	0.200	0.150		0.300	
	roof slab	1	4.200	3.200	0.100		1.345	
	Security Cabin							
	Ground floor lintel out side	1	10.000	0.200	0.150		0.300	
	roof slab	1	4.200	3.200	0.100		1.345	
	Total Quantity						3.290 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						3.290 cum	
	Say 3.290 cum @ Rs 9686.38 / cum						Rs 31868.19	
9	5.9.5 Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers							
	Ticket counter lintel out side	1*2	10.000		0.150		3.000	
	Sec cabin lintel	1*2	10.000		0.150		3.000	
	Basement rcc belt	2	10.000		0.150		3.000	
	Basement belt	2	10.000		0.150		3.000	
	Total Quantity						12.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						12.000 sqm	
	Say 12.000 sqm @ Rs 449.40 / sqm						Rs 5392.80	
10	5.9.3 Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs,							

	landings, balconies and access platform							
	roof slb	1	4.400	3.400			14.960	
	Sec cabin	1	4.400	3.400			14.960	
	Total Quantity						29.920 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						29.920 sqm	
	Say 29.920 sqm @ Rs 553.47 / sqm						Rs 16559.82	
11	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							
	Ticket counter	1	1.645			100.0	164.500	
	Sec Cabin	1	1.645			100.0	164.500	
	RCC belt	1	1.350			100.0	135.000	
	Total Quantity						464.000 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						464.000 kg	
	Say 464.000 kg @ Rs 74.18 / kg						Rs 34419.52	
12	9.1.1 Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).Second class teak wood							
	D	1	5.100	0.100	0.100		0.051	
	W	1	4.800	0.100	0.100		0.048	
	Securitycabin							
	D	1	5.100	0.100	0.100		0.052	
	W	1	4.800	0.100	0.100		0.048	
	Total Quantity						0.199 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						0.199 cum	
	Say 0.199 cum @ Rs 121549.04 / cum						Rs 24188.26	
13	9.5.1.1 Providing and fixing panelled or panelled and glazed shutters for shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer - in-charge.Second class teak wood35 mm thick shutters							

	D	1	0.900		2.100		1.891		
	W	1	0.900		1.500		1.350		
	Sec Cabin								
	D	1	0.900		2.100		1.891		
	W	1	0.900		1.500		1.350		
	Total Quantity						6.482 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						6.482 sqm		
	Say 6.482 sqm @ Rs 3339.61 / sqm						Rs 21647.35		
14	9.7.1 Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured), Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick:Second class teak wood								
	D	1	0.900		2.100		1.891		
	W	1	0.900		1.500		1.350		
	Sec Cabin								
	D	1	0.900		2.100		1.891		
	W	1	0.900		1.500		1.350		
	Total Quantity						6.482 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						6.482 sqm		
	Say 6.482 sqm @ Rs 2669.76 / sqm						Rs 17305.38		
15	9.48.1 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 steel windows by welding								
	W1	1	0.900		1.500	15.0	20.250		
	Sec Cabin	1	0.900		1.500	15.0	20.250		
	Total Quantity						40.500 kg		
	Total Deducted Quantity						0.000 kg		
	Net Total Quantity						40.500 kg		
	Say 40.500 kg @ Rs 137.15 / kg						Rs 5554.58		
16	9.53 Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3								

	coarse sand : 6 graded stone aggregate 20 mm nominal size)							
	Tick counter and sec cabin							
	D1	1*2	4.000				8.000	
	W1	1*2	4.000				8.000	
	Total Quantity						16.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						16.000 each	
	Say 16.000 each @ Rs 155.44 / each						Rs 2487.04	
17	14.35.1 Providing and fixing finished brass hard drawn hooks and eyes:300 mm							
	W1	1*2	2.000				4.000	
	Total Quantity						4.000 no	
	Total Deducted Quantity						0.000 no	
	Net Total Quantity						4.000 no	
	Say 4.000 no @ Rs 103.60 / no						Rs 414.40	
18	14.35.5 Providing and fixing finished brass hard drawn hooks and eyes:100 mm							
	W1	1*2	4.000				8.000	
	Total Quantity						8.000 no	
	Total Deducted Quantity						0.000 no	
	Net Total Quantity						8.000 no	
	Say 8.000 no @ Rs 65.60 / no						Rs 524.80	
19	14.40.2 Providing and fixing chromium plated brass butt hinges with necessary chromium plated brass screws etc. complete.100x70x4 mm (ordinary type)							
	W1	1*2	6.000				12.000	
	Total Quantity						12.000 no	
	Total Deducted Quantity						0.000 no	
	Net Total Quantity						12.000 no	
	Say 12.000 no @ Rs 168.87 / no						Rs 2026.44	
20	11.46.2 Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x600 mm							

	Ground floor	1	6.000				6.000	
	Security Cabin	1	6.000				6.000	
	Total Quantity						12.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						12.000 sqm	
	Say 12.000 sqm @ Rs 1487.79 / sqm						Rs 17853.48	
21	13.4.1 12 mm cement plaster of mix:1:4 (1 cement : 4 coarse sand)							
	outer wall inside and outside	1*2	10.000		3.000		60.000	
	D	1	0.900		2.100		-1.890	
	W	1	0.900		1.500		-1.350	
	Security cabin							
	outer wall inside and outside	1*2	10.000		3.000		60.000	
	D	1	0.900		2.100		-1.890	
	W	1	0.900		1.500		-1.350	
	Total Quantity						120.000 sqm	
	Total Deducted Quantity						-6.480 sqm	
	Net Total Quantity						113.520 sqm	
	Say 113.520 sqm @ Rs 237.02 / sqm						Rs 26906.51	
22	13.16.1 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)							
	roof slab bottom	1	4.200	3.200			13.441	
	Sec cabin	1	4.200	3.200			13.441	
	Total Quantity						26.882 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						26.882 sqm	
	Say 26.882 sqm @ Rs 188.46 / sqm						Rs 5066.18	
23	13.7.1 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 (1 cement : 3 fine sand)							
	roof slab bottom	1	4.200	3.200			13.441	
	Sec Cabin	1	4.200	3.200			13.441	
	Total Quantity						26.882 sqm	

		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					26.882 sqm	
		Say 26.882 sqm @ Rs 297.24 / sqm					Rs 7990.41	
24	13.48.1 Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm							
	outer wall inside and outside	1*2	10.000		3.000		60.000	
	D	1	0.900		2.100		-1.890	
	W	1	0.900		1.500		-1.350	
	roof slab bottom	1	4.200	3.200			13.441	
Sec Cabin								
	outer wall inside and outside	1*2	10.000		3.000		60.000	
	D	1	0.900		2.100		-1.890	
	W	1	0.900		1.500		-1.350	
	roof slab bottom	1	4.200	3.200			13.441	
		Total Quantity					146.882 sqm	
		Total Deducted Quantity					-6.480 sqm	
		Net Total Quantity					140.402 sqm	
		Say 140.402 sqm @ Rs 129.68 / sqm					Rs 18207.33	
25	13.48.2 Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture							
	d	2	0.900	2.100			3.781	
	w	1	0.900	1.500			1.350	
Security Cabin								
	d	2	0.900	2.100			3.781	
	w	1	0.900	1.500			1.350	
		Total Quantity					10.262 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					10.262 sqm	
		Say 10.262 sqm @ Rs 116.12 / sqm					Rs 1191.62	

Sl No	Description	No	L	B	D	CF	Quantity	Remark	
8 APPENDIX H -RENOVATION OF GATE AND CONSTRUCTION OF NEW GATE									
1	13.48.1 Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm								
	Roof tile	1.2	7.000		1.000		8.400		
	walls	2	1.500		3.000		9.000		
		4	0.200		3.000		2.401		
		2	5.000		2.400		24.000		
		2	6.000		0.200		2.401		
		2	6.000		1.000		12.000		
		2	6.000		2.000		24.000		
		Total Quantity						82.202 sqm	
		Total Deducted Quantity						0.000 sqm	
		Net Total Quantity						82.202 sqm	
		Say 82.202 sqm @ Rs 129.68 / sqm						Rs 10659.96	
2	11.46.2 Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x600 mm								
	floor	2	1.800	1.500			5.400		
		Total Quantity						5.400 sqm	
		Total Deducted Quantity						0.000 sqm	
		Net Total Quantity						5.400 sqm	
		Say 5.400 sqm @ Rs 1487.79 / sqm						Rs 8034.07	
3	12.48 Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)								
	roof tile	1	2.400	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 311.92 / sqm						Rs 748.61	
4	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							
	steel col foundation	2	1.000	1.000	0.900		1.800	
	column for sliding gate	2	0.800	0.800	0.900		1.153	
	Total Quantity						2.953 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						2.953 cum	
	Say 2.953 cum @ Rs 218.08 / cum						Rs 643.99	
5	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)							
	steel col foundation	2	1.000	1.000	0.100		0.200	
	column for sliding gate	2	0.800	0.800	0.100		0.129	
	Total Quantity						0.329 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						0.329 cum	
	Say 0.329 cum @ Rs 5869.06 / cum						Rs 1930.92	
6	5.1.2 Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size)							
		2	0.800	0.800	0.800		1.025	
	column for sliding gate footing	2	0.600	0.600	0.400		0.288	
	Total Quantity						1.313 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						1.313 cum	
	Say 1.313 cum @ Rs 8145.84 / cum						Rs 10695.49	
7	5.2.2 Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up tot floor five level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3(1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)							
	column for sliding gate	2	0.450	0.450	2.700		1.094	

						Total Quantity	1.094 cum	
						Total Deducted Quantity	0.000 cum	
						Net Total Quantity	1.094 cum	
						Say 1.094 cum @ Rs 9365.29 / cum	Rs 10245.63	
8	5.9.6	Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts						
	for column for sliding opening gate	2	1.800		2.700		9.720	
						Total Quantity	9.720 sqm	
						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	9.720 sqm	
						Say 9.720 sqm @ Rs 613.16 / sqm	Rs 5959.92	
9	5.9.1	Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete						
		2	3.200		0.900		5.761	
	for column for sliding opening gate footing	2	2.400		0.400		1.920	
						Total Quantity	7.681 sqm	
						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	7.681 sqm	
						Say 7.681 sqm @ Rs 254.19 / sqm	Rs 1952.43	
10	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						
		1	2.450			120.0	294.000	
						Total Quantity	294.000 kg	
						Total Deducted Quantity	0.000 kg	
						Net Total Quantity	294.000 kg	
						Say 294.000 kg @ Rs 74.18 / kg	Rs 21808.92	
11	10.16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.Hot finished welded type tubes						
	steel frame for ACP c	1	29.75*4	1.500		35.0	6247.500	

	above couner room	1	(3+2)*2		8.000	35.0	2800.000	
	for sliding gate	1	7.250	2.000		40.0	580.000	
	Total Quantity						9627.500 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						9627.500 kg	
	Say 9627.500 kg @ Rs 118.28 / kg						Rs 1138740.70	
12	13.52.1 Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work							
	for sliding gate	2	7.250	2.000			29.000	
	Total Quantity						29.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						29.000 sqm	
	Say 29.000 sqm @ Rs 160.55 / sqm						Rs 4655.95	
13	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 core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc.c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.							
		1	(3+2)*2		8.000		80.000	

		1	23.200*4		1.500		139.200	
Total Quantity							219.200 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							219.200 sqm	
Say 219.200 sqm @ Rs 4463.77 / sqm							Rs 978458.38	
Sl No	Description	No	L	B	D	CF	Quantity	Remark
9 APPENDIX I -ROUND ABOUT								
1	15.1 Demolishing lime concrete manually / by mechanical means and disposal of material within 50 metres lead as per direction of Engineer - in- Charges.							
	compound wall	1	91.200	1.500			136.800	
	pillar	100	1.200	0.900			108.000	
Total Quantity							244.800 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							244.800 cum	
Say 244.800 cum @ Rs 456.48 / cum							Rs 111746.30	
2	13.4.1 12 mm cement plaster of mix:1:4 (1 cement : 4 coarse sand)							
	compound wall	1	91.200	1.500			136.800	
	pillar	100	1.200	0.900			108.000	
Total Quantity							244.800 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							244.800 sqm	
Say 244.800 sqm @ Rs 237.02 / sqm							Rs 58022.50	
3	13.48.1 Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm							
	compound wall	1	91.200	1.500			136.800	
	pillar	100	1.200	0.900			108.000	
Total Quantity							244.800 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							244.800 sqm	
Say 244.800 sqm @ Rs 129.68 / sqm							Rs 31745.66	
4	13.52.1							

	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work						
	existing grill	100	0.900	0.900			81.000
	Total Quantity						81.000 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						81.000 sqm
	Say 81.000 sqm @ Rs 160.55 / sqm						Rs 13004.55
5	od266222/2019_2020 Providing and installing pump and motor for fountain having 1.00hp capacity, ISI mark, testing complete						
	vertical fountain	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 14518.75 / each						Rs 14518.75
6	od266223/2019_2020 Providing and installing pump and motor for dewatering of fountain tank having 0.5hp capacity ISI testing etc						
	vertical fountain	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 4646.00 / each						Rs 4646.00
7	od266224/2019_2020 Providing and installing umbrella nozzle for fountain including necessary fixture, pipe etc and test running all complete						
	vertical fountain	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 3600.65 / each						Rs 3600.65
8	50.18.8.5.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. concealed work, including cutting chases and making good the wall etc. 40 mm pipe 10 kgf/ cm ²						

	fountain	1	20.000				20.000	
	Total Quantity						20.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						20.000 metre	
	Say 20.000 metre @ Rs 356.28 / metre						Rs 7125.60	
9	od241051/2019_2020 "Grassing with buffaloo grass including watering and maintenace of the lawn for 30days or more till the grass forms a thick lawn, free from weeds including supplying good earth if needed, including cost of grass mat inputs manure and fertilizers used periodically for top dressing ,chemical and mechanical pest control and all post planting maintenance procedure complete till the completion of the project.-" 							
	inside round about	1	387.000	1.000			387.000	
	Total Quantity						387.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						387.000 sqm	
	Say 387.000 sqm @ Rs 240.29 / sqm						Rs 92992.23	
SI No	Description	No	L	B	D	CF	Quantity	Remark
10 APPENDIX J -RENOVATION OF TOILET								
1	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	1	22.000		2.100		46.200	
	existing building toilet	1	10.000		2.500		25.000	
	Total Quantity						71.200 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						71.200 sqm	
	Say 71.200 sqm @ Rs 976.13 / sqm						Rs 69500.46	
2	11.37 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 colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.							
		1	25.000				25.000	
	Total Quantity						25.000 sqm	
	Total Deducted Quantity						0.000 sqm	

						Net Total Quantity	25.000 sqm	
						Say 25.000 sqm @ Rs 902.15 / sqm	Rs 22553.75	
3	13.48.1	Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm						
		2	22.000			3.000	132.000	
	existing building wall	2	40.000			3.500	280.000	
						Total Quantity	412.000 sqm	
						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	412.000 sqm	
						Say 412.000 sqm @ Rs 129.68 / sqm	Rs 53428.16	
4	17.2.2	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 black solid plastic seat and lid						
		1	4.000				4.000	
	existing building toilet	1	2.000				2.000	
						Total Quantity	6.000 each	
						Total Deducted Quantity	0.000 each	
						Net Total Quantity	6.000 each	
						Say 6.000 each @ Rs 4450.08 / each	Rs 26700.48	
5	17.4.3	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:Range of three urinal basins with 10 litre white P.V.C. automatic flushing cistern						
		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 9702.83 / each	Rs 29108.49	
6	17.32.2	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with						

	plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm						
		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 986.62 / each						Rs 2959.86
7	15.12.1 Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:Of area 3 sq. metres and below						
	doors and windows	17					17.000
	Total Quantity						17.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						17.000 each
	Say 17.000 each @ Rs 206.88 / each						Rs 3516.96
8	9.1.1 Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).Second class teak wood						
	D	4	5.100	0.100	0.100		0.205
	W	11	9.600	0.100	0.100		1.056
	Total Quantity						1.261 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						1.261 cum
	Say 1.261 cum @ Rs 121549.04 / cum						Rs 153273.34
9	9.5.1.1 Providing and fixing panelled or panelled and glazed shutters for shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer - in-charge.Second class teak wood35 mm thick shutters						
	Existing building						
	D	4	0.900	2.100			7.561
	W	11	1.500	1.500			24.750
	Total Quantity						32.311 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						32.311 sqm

	Say 32.311 sqm @ Rs 3339.61 / sqm						Rs 107906.14	
10	9.7.1 Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured), Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick:Second class teak wood							
	Existing building							
	D	4	0.900	2.100			7.561	
	W	11	1.500	1.500			24.750	
	Total Quantity						32.311 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						32.311 sqm	
	Say 32.311 sqm @ Rs 2669.76 / sqm						Rs 86262.62	
11	9.48.1 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 steel windows by welding							
	Existing building							
	W	11	1.500	1.500			24.750	
	Total Quantity						24.750 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						24.750 kg	
	Say 24.750 kg @ Rs 137.15 / kg						Rs 3394.46	
12	9.53 Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)							
	existing building							
	D	4	4.000				16.000	
	W	11	4.000				44.000	
	Total Quantity						60.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						60.000 each	
	Say 60.000 each @ Rs 155.44 / each						Rs 9326.40	
13	9.97.3 Providing and fixing aluminium tower bolts, ISI marked, anodised(anodic coating not less than grade AC							

	10 as per : 1868), transparent or dyed to required colour or shade, with necessary screws complete:200x10 mm						
	existing building door	4	6.000				24.000
	Total Quantity						24.000 no
	Total Deducted Quantity						0.000 no
	Net Total Quantity						24.000 no
	Say 24.000 no @ Rs 99.80 / no						Rs 2395.20
14	<p>9.119</p> <p>Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door fame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in Charge.</p>						
	toilet door	2	5.100				10.200
	Total Quantity						10.200 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						10.200 metre
	Say 10.200 metre @ Rs 575.03 / metre						Rs 5865.31
15	<p>9.120.2</p> <p>Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and sized of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of whicj 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5mm thick, 95 mm wide PVC sheet out of which75 mm shall be tapered in 45 degree on th inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer -in-charge, manufacture's specification & drawing.30 mm thick pre laminated PVC door shutters</p>						
	toilet door	2	0.900		2.100		3.781
	Total Quantity						3.781 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						3.781 sqm
	Say 3.781 sqm @ Rs 4236.78 / sqm						Rs 16019.27

16	14.35.1	Providing and fixing finished brass hard drawn hooks and eyes:300 mm						
	W	11	2.000				22.000	
	Total Quantity						22.000 no	
	Total Deducted Quantity						0.000 no	
	Net Total Quantity						22.000 no	
	Say 22.000 no @ Rs 103.60 / no						Rs 2279.20	
17	14.35.5	Providing and fixing finished brass hard drawn hooks and eyes:100 mm						
	W	11	6.000				66.000	
	Total Quantity						66.000 no	
	Total Deducted Quantity						0.000 no	
	Net Total Quantity						66.000 no	
	Say 66.000 no @ Rs 65.60 / no						Rs 4329.60	
18	14.40.2	Providing and fixing chromium plated brass butt hinges with necessary chromium plated brass screws etc. complete.100x70x4 mm (ordinary type)						
	D	4	4.000				16.000	
	W	11	6.000				66.000	
	Total Quantity						82.000 no	
	Total Deducted Quantity						0.000 no	
	Net Total Quantity						82.000 no	
	Say 82.000 no @ Rs 168.87 / no						Rs 13847.34	
19	11.46.2	Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x600 mm						
	existing building floor	1	10.000	10.000			100.000	
	Total Quantity						100.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						100.000 sqm	
	Say 100.000 sqm @ Rs 1487.79 / sqm						Rs 148779.00	
SI No	Description	No	L	B	D	CF	Quantity	Remark
11 APPENDIX K -SPECIALIZED FITTINGS FOR PLUMBING AND SANITAORY ARRANGEMENT								

1	17.3.1 Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid							
	cANTEEN	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 6020.57 / each	Rs 18061.71
2	17.7.4 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 Flat back wash basin size 550x400mm with single 15 mm C.P.brasspillar taps							
	canteen	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 2381.82 / each	Rs 19054.56
3	17.32.2 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm							
	canteen	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 986.62 / each	Rs 7892.96
4	17.73.2 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighting not less than 190 gms							
	canteen	4					4.000	
							Total Quantity	4.000 no
							Total Deducted Quantity	0.000 no

	Net Total Quantity						4.000 no
	Say 4.000 no @ Rs 553.99 / no						Rs 2215.96
5	<p>18.8.2 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.20 mm nominal outer dia pipes</p>						
		1	100.000				100.000
	Total Quantity						100.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						100.000 metre
	Say 100.000 metre @ Rs 373.32 / metre						Rs 37332.00
6	<p>18.8.3 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.25 mm nominal outer dia pipes</p>						
	25mm dia pipe	1	100.000				100.000
	Total Quantity						100.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						100.000 metre
	Say 100.000 metre @ Rs 437.22 / metre						Rs 43722.00
7	<p>18.8.4 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.32 mm nominal outer dia pipes</p>						
	32mm dia pipe	1	100.000				100.000
	Total Quantity						100.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						100.000 metre
	Say 100.000 metre @ Rs 541.15 / metre						Rs 54115.00

8	18.9.5 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work40 mm nominal outer dia pipes							
	40mm dia pipe	1	50.000				50.000	
	Total Quantity						50.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						50.000 metre	
	Say 50.000 metre @ Rs 420.90 / metre						Rs 21045.00	
9	18.9.6 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work50 mm nominal outer dia pipes							
	50mm dia pipe	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 634.66 / metre						Rs 15866.50	
10	18.9.7 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer- in-Charge. External work62.50 mm nominal inner dia pipes							
	62.5mm dia pipe	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 1417.74 / metre						Rs 35443.50	
11	50.18.8.9.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chased and making good the wall etc. 110 mm pipe 6kgf/cm ²							
	canteen	1	10.000				10.000	
	Total Quantity						10.000 metre	

		Total Deducted Quantity					0.000 metre
		Net Total Quantity					10.000 metre
		Say 10.000 metre @ Rs 574.32 / metre					Rs 5743.20
12	18.49.1	Providing and fixing C.P brass bib cock of approved quality conforming to IS: 8931.15 mm nominal bore					
		8				8.000	
		Total Quantity					8.000 each
		Total Deducted Quantity					0.000 each
		Net Total Quantity					8.000 each
		Say 8.000 each @ Rs 487.15 / each					Rs 3897.20
13	18.17.6	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :80 mm nominal bore					
		10				10.000	
		Total Quantity					10.000 each
		Total Deducted Quantity					0.000 each
		Net Total Quantity					10.000 each
		Say 10.000 each @ Rs 2515.70 / each					Rs 25157.00
14	18.31.2.2	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertion etc. (the tail pieces if required will be paid separately):125 mm diameter Class II					
		1				1.000	
		Total Quantity					1.000 no
		Total Deducted Quantity					0.000 no
		Net Total Quantity					1.000 no
		Say 1.000 no @ Rs 5673.72 / no					Rs 5673.72
15	18.19.5.1	Providing and fixing gun metal non-return valve of approved quality (screwed end):65 mm nominal boreHorizontal					
		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 2317.80 / each					Rs 23178.00
16	18.48						

	Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.							
	canteen	1	1000.000				1000.000	
							Total Quantity	1000.000 Litre
							Total Deducted Quantity	0.000 Litre
							Net Total Quantity	1000.000 Litre
							Say 1000.000 Litre @ Rs 9.50 / Litre	Rs 9500.00
17	19.4.1.1 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:100x100 mm size P type 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 2100.11 / each	Rs 2100.11
18	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							
		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 11315.85 / each	Rs 11315.85
19	19.32.1 Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design.With common burnt clay F.P.S. (non modular) bricks of class designation 7.5							
		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 27105.17 / each	Rs 27105.17
20	19.18.3 Supplying and fixing C.I with out frame for manholes:560 mm diameter (heavy duty) the weight of the cover to be not less than 108 kg								
		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 7721.01 / each	Rs 15442.02
21	19.30.1.1 Constructing brick masonry chamber for underground C.I. inpection chamber and bends with bricks in cement mortar 1:4 (1 cement: 4 coarse sand) C.I.cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg), R.C.C top slab with 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement: 5 fine sand: 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:Inside dimensions 455x610 mm and 45 cm deep for single pipe line: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 6261.19 / each	Rs 6261.19
SI No	Description	No	L	B	D	CF	Quantity	Remark	
12 APPENDIX L - CHILDRENS PLAY EQUIPMENTS									
1	od240506/2019_2020 Supplying and fixing chain wall using best quality equipment ,cost and conveyance of all material ,labour charges etc complete								
	chain wall	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 32535.69 / each	Rs 32535.69

2	od240508/2019_2020 Supplying and fixing half moon climber using best quality equipment, cost and conveyance of all materials, labour charges etc complete						
	half moon climber	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 32535.69 / each						Rs 32535.69
3	od240510/2019_2020 Supplying and fixing standard FRP slide using best quality equipments, cost and conveyance of all materials, labour charges etc complete						
	std FRP slide	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 40944.95 / each						Rs 40944.95
4	od240511/2019_2020 Supplying and fixing strapping swing using best quality equipment, cost and conveyance of all material, labour etc complete						
	strapping swing	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 25392.47 / each						Rs 25392.47
5	od240549/2019_2020 Supplying and fixing Garden swing using best quality equipment, cost and conveyance of all materials, labour etc complete						
	garden swing	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 37472.07 / each						Rs 37472.07
6	od260977/2019_2020 Supplying and fixing Roller slide with best quality equipment and design, cost and conveyance of all material, labour charges etc complete						
	roller slide	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 48796.69 / each						Rs 48796.69	
7	od266546/2019_2020 Supplying and fixing spiral see saw 4 seater using best quality equipment ,cost and conveyance of all materials ,labour charges etc complete							
	see saw	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 51816.59 / each						Rs 51816.59	
SI No	Description	No	L	B	D	CF	Quantity	Remark
13 APPENDIX M - LANDSCAPING GARDEN								
1	30.2.12 Uprooting rank vegetation and weeds by digging the area to a depth of 60 cm, removing all weeds and other growth with roots by forking repeatedly, breaking clods, rough dressing, flooding with water, uprooting fresh growths after 10 to 15 days and then fine dressing for planting new grass, including disposal of all rubbish with all leads and lifts.							
	garden area	1	100.000	15.000			1500.000	
	Total Quantity						1500.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						1500.000 sqm	
	Say 1500.000 sqm @ Rs 46.79 / sqm						Rs 70185.00	
2	od241051/2019_2020 "Grassing with buffaloo grass including watering and maintenace of the lawn for 30days or more till the grass forms a thick lawn, free from weeds including supplying good earth if needed, including cost of grass mat inputs manure and fertilizers used periodically for top dressing ,chemical and mechanical pest control and all post planting maintenance procedure complete till the completion of the project.-" 							
		1	100.000	7.500			750.000	
	Total Quantity						750.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						750.000 sqm	
	Say 750.000 sqm @ Rs 240.29 / sqm						Rs 180217.50	
3	od241053/2019_2020 Providing & Fixing Mexican grass turf with earth 50 to 60mm thickness, ground prepared with trenching, filling the area with a mixture of earth, sluge, manure, rough dressing, uprooting weeds, fine dressing							

	proper level and ramming with required tools wooden and then rolling the surface with light roller make the surface smoothen and even, watering with sprinkler including cost of grass mat inputs manure and sludge etc complete 							
	mexican carpet	1	100.000	5.000			500.000	
	Total Quantity						500.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						500.000 sqm	
	Say 500.000 sqm @ Rs 518.12 / sqm						Rs 259060.00	
4	od241054/2019_2020 Supplying & Plantin plants including digging holes in ordinary soil of required size and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volue m, flooding with water , dressing including removal of rubbish & surplus earth with all leads & lifts a) Purple Bauhinia 							
	purple bauhinia	25					25.000	
	Total Quantity						25.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						25.000 each	
	Say 25.000 each @ Rs 978.88 / each						Rs 24472.00	
5	od241055/2019_2020 Supplying & Plantin plants including digging holes in ordinary soil of required size and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volue m, flooding with water , dressing including removal of rubbish & surplus earth with all leads & lifts b) Royal Palm (180 to 240cm) 							
	Royal palm	40					40.000	
	Total Quantity						40.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						40.000 each	
	Say 40.000 each @ Rs 2578.17 / each						Rs 103126.80	
6	od241056/2019_2020 Supplying & Plantin plants including digging holes in ordinary soil of required size and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volue m, flooding with water , dressing including removal of rubbish & surplus earth with all leads & lifts c) Foxtail Palm (180 to 240cm) 							
	foxtail palm	50					50.000	
	Total Quantity						50.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						50.000 each	
	Say 50.000 each @ Rs 2976.56 / each						Rs 148828.00	

7	od241057/2019_2020 Supplying & Plantin plants including digging holes in ordinary soil of required size and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volue m, flooding with water , dressing including removal of rubbish & surplus earth with all leads & lifts d) Butterfly planty 							
	butterfly plant	100					100.000	
	Total Quantity						100.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						100.000 each	
	Say 100.000 each @ Rs 64.63 / each						Rs 6463.00	
8	od241060/2019_2020 Complete maintenace of the entire garden features in the garden area ie. lawn, trees, shrubs, hedge, flower bed, creepers etc including hoeing, pruning replacement of plants, gap filling, watering mowing of lawn, clipping of hedge, applying insecticide, pesticide & fertilizer, top dressing of lawn, watering as directed by the Engineer 							
	garden	2	1500.000				3000.000	
	Total Quantity						3000.000 per sqm per month	
	Total Deducted Quantity						0.000 per sqm per month	
	Net Total Quantity						3000.000 per sqm per month	
	Say 3000.000 per sqm per month @ Rs 50.81 / per sqm per month						Rs 152430.00	
9	od268019/2019_2020 Providing and installing jet nozzle for fountain including necessary fixture,pipe etc and test running all complete							
		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 3600.65 / each						Rs 10801.95	
SI No	Description	No	L	B	D	CF	Quantity	Remark
14 APPENDIX N - ELECTRIFICATION								
1	1.10.3 Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVCinsulated copper conductor single core cable in surface / recessed medium class PVC conduit,with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLSPVC insulated copper conductor single core cable etc as required.Group C							
	1.10.3	136					136.000	

	Say 100.000 each @ Rs 60.29 / each						Rs 6029.00	
10	1.25 Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.							
	1.25	21					21.000	
	Total Quantity						21.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						21.000 each	
	Say 21.000 each @ Rs 377.45 / each						Rs 7926.45	
11	90.3.20.3 Supply & installation of light fittings on TW round block Supply, conveyance installation testing and commissioning the light fittings of following types made of CRCA with 0.5mm thickness complete with all accessories and lamps etc. directly on wall or ceiling with PVC round block neatly painted to suit the fitting and giving connection with required length of 16/0.20mm 3 core copper conductor flex wire conforming to relevant ISS and giving connections as required.1200 mm 1X20W LED Lamp with box type fixture							
	90.3.20.3	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 1206.50 / each						Rs 9652.00	
12	90.4.1 Supply and installation of suitable size MS rod type fan clamp in the RCC slab as per IS 732 as required.							
	90.4.1	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 149.11 / each						Rs 2236.65	
13	90.4.5.2 Supply, conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required.1200mm sweep -5star rated ceiling fan complete with 300mm down rod , canopies, shackeles and blades and resistance type regulator working on 230V/240V single phase A/C							
	90.4.5.2	23					23.000	
	Total Quantity						23.000 each	
	Total Deducted Quantity						0.000 each	

	Net Total Quantity						23.000 each	
	Say 23.000 each @ Rs 1857.50 / each						Rs 42722.50	
14	90.4.9 Charges for cutting holes suitable for accommodating exhaust fans above 305mm sweep and up to 450mm sweep including plastering colour washing etc. as required.							
	90.4.9	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 506.08 / each						Rs 6579.04	
15	od254174/2019_2020 Supply, installation , testing and commissioning of exhaust fans of size up to 450mm in the existing opening, fixing necessary anchor bolts / bolt and nuts etc., as required including giving connections with the supplied wire along with the exhaust fan.300/305mm light duty exhaust fan							
	od254174/2019_2020	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 1940.15 / each						Rs 25221.95	
16	od254243/2019_2020 Supply Conveyance, installation, testing and commissioning of 5W batten integrated sleek extruded aluminium LED channel with white acrylic cover as mirror light. (Bajaj BCLSB05 NW or equivalent)							
	od254243/2019_2020	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 1348.89 / each						Rs 16186.68	
17	od254245/2019_2020 Supply Conveyance, installation, testing and commissioning of 18W round shaped surface mounted integral high powered LED luminaire with dome shaped opal diffuser (Bajaj TARA or equivalent)							
	od254245/2019_2020	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 2388.20 / each						Rs 47764.00	
18	od254246/2019_2020							

	Supply Conveyance, installation, testing and commissioning of LED under water fountain light.(Philips/Bajaj/Havells or equivalent)						
	od254246/2019_2020	6					6.000
	Total Quantity						6.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						6.000 each
	Say 6.000 each @ Rs 6254.89 / each						Rs 37529.34
19	od254247/2019_2020 Supply Conveyance, installation, testing and commissioning of 30W flood light with high pressure die cast aluminium and IP 65 protection. (Bajaj MAGNUM or equivalent)						
	od254247/2019_2020	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 2576.20 / each						Rs 5152.40
20	od254248/2019_2020 Supply Conveyance, installation, testing and commissioning of 12W COB LED spot light. (Bajaj ALPHA series or equivalent)						
	od254248/2019_2020	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 2412.20 / each						Rs 24122.00
21	od254249/2019_2020 Supply Conveyance, installation, testing and commissioning of LED spike light with die cast aluminium housing with warm white COB LED reflector with IP65 protection. 9W LED (Bajaj SPYKZ or equivalent)						
	od254249/2019_2020	10			2.0		20.000
	Total Quantity						20.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						20.000 each
	Say 20.000 each @ Rs 2985.20 / each						Rs 59704.00
22	od254251/2019_2020 Supply Conveyance, installation, testing and commissioning of LED step light in white powder coated cast aluminium body with IP65 protection. 4W LED (Bajaj Razor or equivalent)						
	od254251/2019_2020	6					6.000
	Total Quantity						6.000 each

	Total Deducted Quantity						0.000	each
	Net Total Quantity						6.000	each
	Say 6.000 each @ Rs 1758.20 / each						Rs 10549.20	
23	od254252/2019_2020 Supply Conveyance, installation, testing and commissioning of new generation post top environment friendly, energy saving, long life, aesthetically designed with symmetrical light distribution spun aluminium landscape luminaire with high power LED as light source. 25W 5600K, with IP65 protection suitable for 76mm dia. pole. (Havells Ruby clear or equivalent)							
	od254252/2019_2020	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 6267.20 / each						Rs 94008.00	
24	od254254/2019_2020 Supply Conveyance, installation, testing and commissioning of environment friendly, ultra modern, energy saving, long life, aesthetically designed aluminium landscape bollard with high power LED as light source. 8W 5000K, 500mm with IP65 protection. (Havells Bamboo or equivalent)							
	od254254/2019_2020	100					100.000	
	Total Quantity						100.000	each
	Total Deducted Quantity						0.000	each
	Net Total Quantity						100.000	each
	Say 100.000 each @ Rs 3496.20 / each						Rs 349620.00	
25	od254255/2019_2020 Supply Conveyance, installation, testing and commissioning of environment friendly, ultra modern, energy saving, surface mounted, decorative oval bulk head edge-lit LED luminaire comprising of high brightness LEDs. 10W 6000K with IP65 protection. (Havells Endura Rugby Neo or equivalent)							
	od254255/2019_2020	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 1411.20 / each						Rs 7056.00	
26	od254256/2019_2020 Supply Conveyance, installation, testing and commissioning of round shaped surface mounted 12W LED down lighter for soft difused lighting with colour temperature 6000K.(Bajaj BGSLO Sleek 12W WH RD cool white or equivalent)							
	od254256/2019_2020	18					18.000	

									Total Quantity	10.000 each
									Total Deducted Quantity	0.000 each
									Net Total Quantity	10.000 each
									Say 10.000 each @ Rs 20667.70 / each	Rs 206677.00
31	90.15.4.2	Supply Conveyance, installation, testing and commissioning of 36/40W LED street light output greater than 105lumen/W 4000-6000 K with IP 66 protection LED Chip make Cree/Lumiled/Nichea with power factor greater than 0.95 at full load, internal surge protection up to 8 KV, and Aluminium pressure die-cast Powder coated housing, acrylic cover complete with THD less than 10%, power factor greater than 0.98, RoHS compliant, duly wired up for use on 230 V AC supply. Driver compartment should be separately accessible for maintenance (LM 79&80 certificates from NABL accredited Third party lab to be produced mentioning chip manufacturer)								
	90.15.4.2	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 4519.17 / each	Rs 45191.70
32	90.11.1.11	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required 6 way (8+18) - three phase double cover (IP 42/43)								
	90.11.1.11	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 4415.17 / each	Rs 4415.17
33	90.11.1.15	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required 6 way (8+18) - double cover TPN vertical DB with provision for fixing 4P MCB / Isolator/ RCCB/ RCBO as incoming and SP/ TP MCB as outgoing (IP 42/43)								
	90.11.1.15	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 7153.17 / each	Rs 7153.17
34	2.3.1	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCBIRCCB/Isolator6 way, Double door									
	2.3.1	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 1234.59 / each	Rs 1234.59
35	2.3.2	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCBIRCCB/Isolator8 way, Double door									
	2.3.2	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 1390.55 / each	Rs 1390.55
36	2.13.3	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.100 amps									
	2.13.3	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 1125.81 / each	Rs 1125.81
37	2.13.2	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 amps									
	2.13.2	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 888.59 / each						Rs 888.59
38	2.10.4 Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Triple pole						
	2.10.4	4					4.000
	Total Quantity						4.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						4.000 each
	Say 4.000 each @ Rs 917.42 / each						Rs 3669.68
39	2.12.1 Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 amps						
	2.12.1	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 290.95 / each						Rs 581.90
40	2.15.3 Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 amps						
	2.15.3	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 3017.00 / each						Rs 3017.00
41	2.14.1 Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. 25 amps						
	2.14.1	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 2162.49 / each						Rs 2162.49	
42	2.14.2 Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 amps							
	2.14.2	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 2252.92 / each						Rs 2252.92	
43	2.10.1 Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.Single pole							
	2.10.1	28					28.000	
	Total Quantity						28.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						28.000 each	
	Say 28.000 each @ Rs 226.73 / each						Rs 6348.44	
44	90.12.1.31 Supply & laying of one number PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade of the following sizes in ground including excavation of trench of size 35 x 75 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil).3.5 core 95 sq mm							
	90.12.1.31	30					30.000	
	Total Quantity						30.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						30.000 metre	
	Say 30.000 metre @ Rs 807.20 / metre						Rs 24216.00	
45	90.12.1.40 Supply & laying of one number PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade of the following sizes in ground including excavation of trench of size 35 x 75 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil).4 core 10 sq mm							
	90.12.1.40	100					100.000	
	Total Quantity						100.000 metre	
	Total Deducted Quantity						0.000 metre	

	Net Total Quantity						100.000 metre
	Say 100.000 metre @ Rs 358.20 / metre						Rs 35820.00
46	90.12.1.41 Supply & laying of one number PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade of the following sizes in ground including excavation of trench of size 35 x 75 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil).4 core 16 sq mm						
	90.12.1.41	25					25.000
	Total Quantity						25.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						25.000 metre
	Say 25.000 metre @ Rs 394.20 / metre						Rs 9855.00
47	90.12.1.42 Supply & laying of one number PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade of the following sizes in ground including excavation of trench of size 35 x 75 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil).4 core 25 sq mm						
	90.12.1.42	25					25.000
	Total Quantity						25.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						25.000 metre
	Say 25.000 metre @ Rs 447.20 / metre						Rs 11180.00
48	90.12.37.3 Supply & laying of one number PVC insulated and PVC sheathed armoured copper power cable of 1.1KV grade of the following sizes in ground including excavation of trench of size 35 x 75 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil).2 core 10 sq mm						
	90.12.37.3	500					500.000
	Total Quantity						500.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						500.000 metre
	Say 500.000 metre @ Rs 530.20 / metre						Rs 265100.00
49	90.12.9.2 Supplying, laying and jointing of the following sizes of double wall corrugated (DWC) pipes made out of HDPE conforming to IS 14930 Part II for mechanical protection to underground power cables with all required accessories in ground in the existing trench 50/38 mm or nearest size						
	90.12.9.2	100					100.000

						Total Quantity	100.000 metre
						Total Deducted Quantity	0.000 metre
						Net Total Quantity	100.000 metre
						Say 100.000 metre @ Rs 142.62 / metre	Rs 14262.00
50	90.12.37.1	Supply & laying of one number PVC insulated and PVC sheathed armoured copper power cable of 1.1KV grade of the following sizes in ground including excavation of trench of size 35 x 75 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil).2 core 4 sq mm					
	90.12.37.1	200					200.000
						Total Quantity	200.000 metre
						Total Deducted Quantity	0.000 metre
						Net Total Quantity	200.000 metre
						Say 200.000 metre @ Rs 379.20 / metre	Rs 75840.00
51	9.1.24	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.3 1/2X 95 sq. mm (45mm)					
	9.1.24	3					3.000
						Total Quantity	3.000 set
						Total Deducted Quantity	0.000 set
						Net Total Quantity	3.000 set
						Say 3.000 set @ Rs 631.71 / set	Rs 1895.13
52	9.1.34	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.4 X 25 sq. mm (28mm)					
	9.1.34	2					2.000
						Total Quantity	2.000 set
						Total Deducted Quantity	0.000 set
						Net Total Quantity	2.000 set
						Say 2.000 set @ Rs 338.13 / set	Rs 676.26
53	9.1.33	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.4 X 16 sq. mm (28mm)					
	9.1.33	2					2.000

	Total Quantity						2.000 set	
	Total Deducted Quantity						0.000 set	
	Net Total Quantity						2.000 set	
	Say 2.000 set @ Rs 334.20 / set						Rs 668.40	
54	9.1.1 Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.2 X 6 sq. mm (19mm)							
	9.1.1	50					50.000	
	Total Quantity						50.000 set	
	Total Deducted Quantity						0.000 set	
	Net Total Quantity						50.000 set	
	Say 50.000 set @ Rs 205.76 / set						Rs 10288.00	
55	9.2.21 Supplying and making outdoor end termination with cast resin compound including aluminium lugs and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.3 1/2 X 95 sq. mm							
	9.2.21	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 1108.77 / each						Rs 1108.77	
56	5.4 Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.							
	5.4	4					4.000	
	Total Quantity						4.000 set	
	Total Deducted Quantity						0.000 set	
	Net Total Quantity						4.000 set	
	Say 4.000 set @ Rs 5670.97 / set						Rs 22683.88	
57	5.13 Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.							
	5.13	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 238.53 / metre						Rs 9541.20	
58	90.16.1.2 Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required 2.65 mm copper conductor (12 SWG)							
	90.16.1.2	300					300.000	
	Total Quantity						300.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						300.000 metre	
	Say 300.000 metre @ Rs 39.48 / metre						Rs 11844.00	
59	90.16.1.3 Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required 3.15 mm copper conductor (10 SWG)							
	90.16.1.3	100					100.000	
	Total Quantity						100.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						100.000 metre	
	Say 100.000 metre @ Rs 56.80 / metre						Rs 5680.00	
60	90.16.5.2 Supply of superior quality copper earth socket for the following size of earth conductor including crimping etc. as required 2.65 mm (12 SWG)							
	90.16.5.2	100					100.000	
	Total Quantity						100.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						100.000 each	
	Say 100.000 each @ Rs 17.80 / each						Rs 1780.00	
61	90.16.5.3 Supply of superior quality copper earth socket for the following size of earth conductor including crimping etc. as required 3.15 mm (10 SWG)							
	90.16.5.3	50					50.000	
	Total Quantity						50.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						50.000 each	

	Say 50.000 each @ Rs 19.80 / each						Rs 990.00	
62	od255679/2019_2020 Supply Conveyance, installation, testing and commissioning of Classic Morrocon round shaped hanging lamp (Home sake or equivalent)							
	od255679/2019_2020	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 2167.20 / each						Rs 32508.00	
63	od255680/2019_2020 Supplying, installation, testing & commissioning of 250A LT panel board with BS EN-60439-1 & IEC-60439-1 standards with 160A 4P MCCB as incomer and 4nos.100A 3P MCCB as outgoing (4way) including neutral link kit with ASTA certified 250A tinned copper bus bar assembly having short circuit withstand capacity of 25KA at 415V for 0.3sec.in sheet steel enclosure with epoxy powder coating RAL 9002 having IP41 protection, with incoming and outgoing cable boxes, hinged door metering box with 0-500V 4module volt meter, 250A CT ammeter, selector switches cte complete.(Make; Hager novello+).							
	od255680/2019_2020	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 112793.62 / each						Rs 112793.62	
64	od255681/2019_2020 Supply & installation of dust and vermin proof, 3 Phase Syntex Meter Board GS-MB-6535(size 760x450x260x) and to fix KSEB meters, fuse units, CT etc as required including fixing it on wall, making good the damages colour washing etc. as required.							
	od255681/2019_2020	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 4842.35 / each						Rs 4842.35	
65	od255682/2019_2020 Supply and fixing 100A HRC fuse fuse base with fuse link in the existing meter box and giving connection.							
	od255682/2019_2020	3					3.000	
	Total Quantity						3.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						3.000 each	

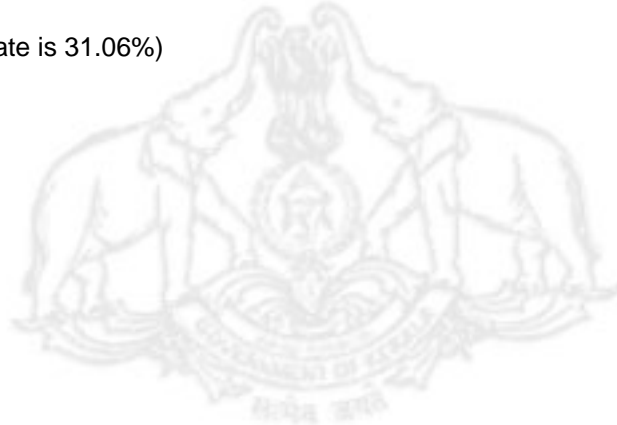
	Say 3.000 each @ Rs 546.59 / each						Rs 1639.77	
66	od255683/2019_2020 Supply and fixing 100A 2way neutral link on DMC base in the existing mater box							
	od255683/2019_2020	1					1.000	
	Total Quantity						1.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						1.000 each	
	Say 1.000 each @ Rs 343.90 / each						Rs 343.90	
67	90.15.2.3 Supply installation testing and commissioning of High Mast using Octogaonal Pole made single/two sections of hot dip galvanised GI sheet 100mm top diameter, 360mm bottom diameter thickness 3mm mm suitable for wind speed as per IS 875 Part III with head frame assembly two point suspension system with steel wire rope 5mm dia double drum winching system w and including round arm galvanized luminary carriage suitable to install 6/8 nos luminaries in symmetrical arrangement control gear box and lighting spikes with single phase operation power tool installed inside the base compartment including connector foundation bolt 4 nos fixed in existing RCC foundation and junction box etc, complete 12 Meters							
	90.15.2.3	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 194053.96 / each						Rs 194053.96	
68	90.15.4.9 Supply Conveyance, installation, testing and commissioning of 150W LED Flood light output greater than 105lumen/W 4000-6000 K with IP 66 protection LED Chip make Cree/Lumilled/Nichea with power factor greater than 0.95 at full load, internal surge protection up to 8 KV, and Aluminium pressure die-cast Powder coated housing, acrylic cover complete with THD less than 10%, power factor greater than 0.98, RoHS compliant, duly wired up for use on 230 V AC supply. Driver compartment should be seperatly accessible for maintenance (LM 79&80 certificates from NABL accredited Third party lab to be produced mentioning chip manufacturer)							
	90.15.4.9	6					6.000	
	Total Quantity						6.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						6.000 each	
	Say 6.000 each @ Rs 16294.17 / each						Rs 97765.02	
69	1.27.5 Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.8 Module (125mmX125mm)							

	1.27.5	4					4.000	
	Total Quantity						4.000	each
	Total Deducted Quantity						0.000	each
	Net Total Quantity						4.000	each
	Say 4.000 each @ Rs 389.25 / each						Rs 1557.00	
70	1.27.2	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.3 Module (100mmX75mm)						
	1.27.2	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 242.46 / each						Rs 1212.30	
71	1.24.1	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.5/6 amps switch						
	1.24.1	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 110.09 / each						Rs 880.72	
72	1.24.4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.3 pin 5/6 amp socket outlet						
	1.24.4	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 106.16 / each						Rs 1273.92	
73	1.24.5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.6 pin 15/16 amp socket outlet						
	1.24.5	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 200.52 / each	Rs 1002.60
74	90.10.3.14							Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required (RoHS compliant)25A SP switch with indicator	
	90.10.3.14	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 252.97 / each	Rs 1264.85
75	od266213/2019_2020							Supply, conveyance, installation, testing and commissioning of 12W round shaped RGBW multicolour LED light with IP 65 protection	
	od266213/2019_2020	6						6.000	
								Total Quantity	6.000 each
								Total Deducted Quantity	0.000 each
								Net Total Quantity	6.000 each
								Say 6.000 each @ Rs 5840.36 / each	Rs 35042.16
76	od266214/2019_2020							Supply, conveyance, installation, testing and commissioning of single phase 1HP open well submersible motor pump set having a head range of 6M-30M with control panel(Kirloskar KOS 135 or equivalent	
	od266214/2019_2020	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 11270.10 / each	Rs 11270.10
77	od266215/2019_2020							Supply, conveyance, installation, testing and commissioning of pre- programmed LED display board of size 2Mx0.5M using suitable mounting bracket for uotside installation.	
	od266215/2019_2020	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 44034.00 / each	Rs 44034.00
SI No	Description	No	L	B	D	CF	Quantity	Remark	

15 Centage Charges @ 6%		
Lump-Sum Total		Rs 1437783.96
	Provision for GST payments (in %) @	18.0%
Amount reserved for GST payments		4572153.05
Total		29973003.05
Lumpsum for round off		26996.95
TOTAL Rs 30000000.00		
Rounded Total Rs 3,00,00,000		
Rupees Three Crore Only		

(Cost Index Applied for this estimate is 31.06%)



Other Engineering Organisations

PRICE