

TS Register No: 1537/2022-2023

AS Register No:1606/2022-2023

Ecoplanet Padiyoor Pazhassi

Detailed Estimate

(Dsr year: **2018**, Cost Index Applied for this estimate is **33.9%**)

SI No	Description	No	L	B	D	CF	Quantity	Remark	
1 Road work									
1	16.1 Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.								
	Road Length	1	600.000	8.000			4800.000		
	Road Length for Entry	1	550.000	7.000			3850.000		
	Entrance Widening	1	45.000	12.000			540.000		
	Total Quantity							9190.000 sqm	
	Total Deducted Quantity							0.000 sqm	
	Net Total Quantity							9190.000 sqm	
	Say 9190.000 sqm @ Rs 182.24 / sqm							Rs 1674785.60	
2	16.78.3 Other Engineering Organisations Construction of granular sub- base by Providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, Carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in- Charge. With material conforming to Grade - III (size range 26.5 mm to 0.075 mm) having CBR Value - 20								
	Road Length	1	600.000	7.000	0.150		630.000		
	Road Length for Entry	1	550.000	5.000	0.150		412.500		
	Entrance Widening	1	45.000	12.000	0.150		81.000		
	Total Quantity							1123.500 cum	
	Total Deducted Quantity							0.000 cum	
	Net Total Quantity							1123.500 cum	
	Say 1123.500 cum @ Rs 2876.57 / cum							Rs 3231826.40	
3	16.79 Providing , laying spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tipper to site, for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub - base / base course on well prepared surface and compacting with								

	vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer - in- Charge.							
	Road Length	1	600.000	7.000	0.150		630.000	
	Road Length for Entry	1	550.000	5.000	0.150		412.500	
	Entrance Widening	1	45.000	12.000	0.150		81.000	
	Total Quantity						1123.500 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						1123.500 cum	
	Say 1123.500 cum @ Rs 3070.39 / cum						Rs 3449583.17	
4	51.16.PC.1pb Primer Coat - Bitumen Emulsion (SS-1) - Using Packed Bitumen Rates Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 - 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502 (low porosity).							
		1	600.000	7.000			4200.000	
		1	500.000	6.000			3000.000	
		1	45.000	20.000			900.000	
	Total Quantity						8100.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						8100.000 sqm	
	Say 8100.000 sqm @ Rs 88.49 / sqm						Rs 716769.00	
5	od155990/2022_2023 2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately): With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt (DSR ITEM NO.16.33.1)							
		1	600.000	7.000			4200.000	
		1	500.000	6.000			3000.000	
		1	45.000	20.000			900.000	
	Total Quantity						8100.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						8100.000 sqm	
	Say 8100.000 sqm @ Rs 241.50 / sqm						Rs 1956150.00	
6	51.16.31.1.2							

	Tack Coat - RS Bitumen Emulsion - On bituminous surface @ 0.25 kg /sqm Providing and applying tack coat using bitumen emulsion conforming to IS : 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. 1. With Rapid Setting Bitumen Emulsion 2. On bituminous surface @ 0.25 kg /sqm							
		1	600.000	7.000			4200.000	
		1	500.000	6.000			3000.000	
		1	45.000	20.000			900.000	
	Total Quantity						8100.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						8100.000 sqm	
	Say 8100.000 sqm @ Rs 14.09 / sqm						Rs 114129.00	
7	od155995/2022_2023 Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG -10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.(DSR ITEM NO 16.40)							
		1	600.000	7.000			4200.000	
		1	500.000	6.000			3000.000	
		1	45.000	20.000			900.000	
	Total Quantity						8100.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						8100.000 sqm	
	Say 8100.000 sqm @ Rs 85.68 / sqm						Rs 694008.00	
8	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							
	Road Length	1	650.000	6.000			3900.000	
	Road Length	1	500.000	5.000			2500.000	
	Total Quantity						6400.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						6400.000 sqm	
	Say 6400.000 sqm @ Rs 14.60 / sqm						Rs 93440.00	
9	2.33.1 Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable							

	material.Beyond 30 cm girth up to and including 60 cm girth						
	trees	70					70.000
	Total Quantity						70.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						70.000 each
	Say 70.000 each @ Rs 442.41 / each						Rs 30968.70
10	2.33.2 Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.Beyond 60 cm girth up to and including 120 cm girth						
	Trees	30					30.000
	Total Quantity						30.000 each
	Total Deducted Quantity						0.000 each
	Net Total Quantity						30.000 each
	Say 30.000 each @ Rs 1969.60 / each						Rs 59088.00
11	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						
	Drain	1	600.000	1.200	1.100		792.001
	Culvert 1	1	13.500	1.700	2.000		45.900
	Culvert 2	3	11.000	1.200	2.000		79.200
	Road cutting	1	100.000	1.200	2.200		264.000
		1	100.000	1.200	3.000		360.000
	RCC retaining wall	1	75.000	4.200	3.500		1102.500
	Total Quantity						2643.601 cum
	Total Deducted Quantity						0.000 cum
	Net Total Quantity						2643.601 cum
	Say 2643.601 cum @ Rs 293.24 / cum						Rs 775209.56
12	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.						
	Filling	1	60.000	6.000	1.5000		540.000
		1	50.000	1.500	1.200		90.000

		1	70.000	1.000	2.200		154.000	
		1	40.000	3.000	3.000		360.000	
	Total Quantity						1144.000 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						1144.000 cum	
	Say 1144.000 cum @ Rs 255.35 / cum						Rs 292120.40	
13	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)							
	Culvert 1	1	13.500	1.500	0.100		2.025	
	Culvert 2	3	11.000	1.500	0.100		4.950	
	Drain	1	600.000	1.100	0.100		66.000	
	RCC retaining wall	1	75.000	4.200	0.100		31.500	
	Total Quantity						104.475 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						104.475 cum	
	Say 104.475 cum @ Rs 6729.95 / cum						Rs 703111.53	
14	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete							
	Culvert 1 outer	1	13.500		3.000		40.500	
	Culvert 1 inner	1	13.500		4.400		59.401	
	Culvert 2 outer	3	11.000		3.000		99.000	
	Culvert 2 inner	3	11.000		4.400		145.201	
	Drain Outer	2	600.000		0.800		960.000	
	Drain Inner	2	600.000		0.600		720.000	
	Total Quantity						2024.102 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						2024.102 sqm	
	Say 2024.102 sqm @ Rs 331.13 / sqm						Rs 670240.90	
15	5.9.2 Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.							
	RCC retaining wall	2	75.000		3.500		525.000	

							Total Quantity	525.000 sqm
							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	525.000 sqm
							Say 525.000 sqm @ Rs 708.26 / sqm	Rs 371836.50
16	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						
	Drain bottom	1	600.000	0.900	0.150			81.000
	Side wall	1	600.000	0.150	0.600			54.000
		1	600.000	0.150	0.600			54.000
	drainage slab	1	600.000	0.900	0.150			81.000
	RCC Retaini9ng wall	1	75.000	0.500	3.500			131.250
							Total Quantity	401.250 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	401.250 cum
							Say 401.250 cum @ Rs 8971.90 / cum	Rs 3599974.88
17	od88735/2022_2023	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. All work upto plinth level. Specification vide 5.33.1 of DAR						
	Culvert 1 side wall	2	13.500	0.200	0.900			4.860
	Culvert bottom and top	2	13.500	1.300	0.200			7.021
	Culvert 2 side wall	3*2	11.000	0.200	0.900			11.880
	Culvert 2 bottom and top	3*2	11.000	1.300	0.200			17.161
	Guard rail	1	350.000	0.200	0.500			35.000
							Total Quantity	75.922 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	75.922 cum
							Say 75.922 cum @ Rs 9296.23 / cum	Rs 705788.37
18	5.22.6							

	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more							
	Culvert 1 and 2	1	100.000			110.0	11000.000	
	Drain	1	170.000			80.0	13600.000	
	RCC retaining wall	1	200.000			80.0	16000.000	
	Total Quantity						40600.000 kilogram	
	Total Deducted Quantity						0.000 kilogram	
	Net Total Quantity						40600.000 kilogram	
	Say 40600.000 kilogram @ Rs 97.08 / kilogram						Rs 3941448.00	
19	16.69 Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature jointed with cement mortar 1:3 (1 cement : 3 coarse sand) , including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5 mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-Charge)							
	Road length	1	1150.000	0.300	0.300		103.500	
	Total Quantity						103.500 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						103.500 cum	
	Say 103.500 cum @ Rs 9736.61 / cum						Rs 1007739.14	
20	15.34.2 Dismantling and stacking with in 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of :R.C.C.							
		1	600.000				600.000	
	Total Quantity						600.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						600.000 each	
	Say 600.000 each @ Rs 212.30 / each						Rs 127380.00	
21	15.36 Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.							
		1	510.000			20.0	10200.000	
	Total Quantity						10200.000 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						10200.000 kg	

	Say 10200.000 kg @ Rs 30.53 / kg						Rs 311406.00	
22	od97448/2022_2023 Shifting of HT pole to the side of walkway and road rate including application fee, processing charge, all taxes etc.complete(payment as per demand notice from KSEB))							
		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 19164.75 / each						Rs 766590.00	
SI No	Description	No	L	B	D	CF	Quantity	Remark
2 Restaurant, Wooden Deck Entrance Gate								
1	2.6.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil							
	Colum foundation for Restaurant	10	1.500	1.500	0.800		18.000	
	Colum foundation for deck	5*7	1.000	1.000	0.900		31.500	
	ladder base	2*5*7	1.600	0.400	0.400		17.921	
	Total Quantity						67.421	cum
	Total Deducted Quantity						0.000	cum
	Net Total Quantity						67.421	cum
	Say 67.421 cum @ Rs 211.36 / cum						Rs 14250.10	
2	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)							
	Restaurant footing	10	1.500	1.500	0.100		2.250	
	entrance Gate	2	1.500	1.500	0.100		0.450	
	For deck	5*7	1.000	1.000	0.100		3.500	
	ladder base	2*5*7	1.600	0.400	0.100		4.481	
	Total Quantity						10.681	cum
	Total Deducted Quantity						0.000	cum
	Net Total Quantity						10.681	cum

	Say 10.681 cum @ Rs 6729.95 / cum						Rs 71882.60	
3	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete							
	Foundation for resturent	10*2	1.700		1.700		57.800	
	Foundation for Entrance gate	2*2	1.700		1.700		11.560	
	For deck footing	5*7	3.600		0.200		25.201	
		2*5*7	3.600		0.300		75.601	
	Footing	2*10	1.300		0.150		3.901	
		2*10	1.100		0.150		3.301	
		2*10	0.900		0.150		2.700	
	Footing gate	2*2	0.900		0.150		0.540	
	Stub coloum	2*10	0.300		0.500		3.000	
	Entrance gate column	2*2	0.700		0.500		1.400	
	Total Quantity						185.004 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						185.004 sqm	
	Say 185.004 sqm @ Rs 331.13 / sqm						Rs 61260.37	
4	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers							
	Plinth Beam	2	40.000		0.400		32.000	
	Total Quantity						32.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						32.000 sqm	
	Say 32.000 sqm @ Rs 641.72 / sqm						Rs 20535.04	
5	5.9.6 Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts							
	Footing Coloum	2*10	1.300		0.150		3.901	
		2*10	1.100		0.150		3.301	
		2*10	0.900		0.150		2.700	
	Footing gate	2*2	0.900		0.150		0.540	

	Stub coloum	2*10	0.300		0.500		3.000		
	Entrance gate column	2*2	0.700		0.500		1.400		
	Deck column	5*7	0.800		2.500		70.000		
	Total Quantity						84.842 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						84.842 sqm		
	Say 84.842 sqm @ Rs 852.88 / sqm						Rs 72360.04		
6	5.33.1 Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work upto plinth level								
	Footing Coloum resuturent	10	1.300	1.300	0.150		2.535		
		10	1.100	1.100	0.150		1.816		
		10	0.900	0.900	0.150		1.215		
	Deck footing	5*7	0.900	0.900	0.250		7.088		
	Deck coloum	5*7	0.200	0.200	2.500		3.501		
	Deck step base	2*5*7	1.500	0.300	0.300		9.450		
	Footing gate	2	0.900	0.900	0.150		0.243		
	Stub coloum	10	0.300	0.300	0.500		0.450		
	Plinth Beam	1	40.000	0.300	0.400		4.801		
	Entrance gate column	2	0.700	0.700	0.500		0.490		
	Total Quantity						31.589 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						31.589 cum		
	Say 31.589 cum @ Rs 9296.21 / cum						Rs 293657.98		
7	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 deck	1	13.000			80.0	1040.000		
	for restaurant and gate	1	10.000			80.0	800.000		

						Total Quantity	1840.000 kg	
						Total Deducted Quantity	0.000 kg	
						Net Total Quantity	1840.000 kg	
						Say 1840.000 kg @ Rs 97.08 / kg	Rs 178627.20	
8	10.16.2 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 seamless type tubes							
	For entrance gate ,restaurant	1	380.000			30.0	11400.000	
	for deck	5	24.500			30.0	3675.000	
						Total Quantity	15075.000 kg	
						Total Deducted Quantity	0.000 kg	
						Net Total Quantity	15075.000 kg	
						Say 15075.000 kg @ Rs 183.04 / kg	Rs 2759328.00	
9	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 steel works	1	1800.000				1800.000	
						Total Quantity	1800.000 sqm	
						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	1800.000 sqm	
						Say 1800.000 sqm @ Rs 220.53 / sqm	Rs 396954.00	
10	10.1 Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.							
	For restaurant	3	7.000		2.500	80.0	4200.000	
	for handrail	3	21.000		2.500	80.0	12600.000	
						Total Quantity	16800.000 kilogram	
						Total Deducted Quantity	0.000 kilogram	
						Net Total Quantity	16800.000 kilogram	
						Say 16800.000 kilogram @ Rs 100.02 / kilogram	Rs 1680336.00	
11	26.50.2 Providing and fixing in position factory made non asbestos fibre reinforced aerated cement sandwich wall/roof/floor light weight solid core panels made of light weight cement concrete core composed of OPC							

	<p>cement, pulverized flyash, quick lime, cottonpulp & Gypsum in mortar state mixed with aeration agent in a preset mould. The outer face on both sides of the panels will be non asbestos fibre cement board confirming to IS 14862:2000. These solid wall panels are installed using Galvanized iron steel tracks/C channel of 1mm thick of required sizes as recommended by manufacturer's and fixed to floor and RCC soffit in plumb to each other with steel screw/fasteners. The panel shall be fixed vertically with tongue & groove joint with cement based polymer modified jointing compound. The exposed surface finished with fibre mesh/glass fibre tape with polymer based jointing compound having superior flexibility. Panels should be used as floor & roofing with additional structural support, steel or RCC depending upon the design. All the operation shall be completed in all respect as per drawings, Manufacturers specifications and under the overall direction of Engineer-in-Charge (Cost of all the material is included except "tracks/C channel" which will be paid separately). Non load bearing panels 75mm thick of required size (minimum 5mm thick fibre cement board)</p>							
		1	10.000	7.000			70.000	
	Total Quantity						70.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						70.000 sqm	
	Say 70.000 sqm @ Rs 1785.09 / sqm						Rs 124956.30	
12	<p>9.147E.2 Providing and fixing factory made uPVC white colour sliding glazed window above 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, uPVC extruded interlocks and uPVC extruded inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle on one side of extreme panel along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) touch lock with hook (if required for wire mesh panel), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 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 silicone 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 silicone 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. Two track four panels sliding window made of (big series) frame 67 x 50mm & 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 4.00 sqm upto 8.00 sqm).</p>							
		4	2.000		2.000		16.000	
	Total Quantity						16.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						16.000 sqm	
	Say 16.000 sqm @ Rs 6907.03 / sqm						Rs 110512.48	

13	od97460/2022_2023 Roofing with tensile membrane structure with heavy duty MS channels and structural steel plate including all fittings like fasteners, steel wire rope ,shackles (all galvanised) painted all with high quality Epoxy 3 coat. Roof fabric with FERRARI-FRANCE -700 dust repellent finish UV resistant antifungal PVDF coated (M2 flame retardancy BS7837) including all charges etc complete.						
	For Restaurant roofing	1	120.000				120.000
	For happening joint	1	110.000				110.000
	deck	3	35.000				105.000
	Total Quantity						335.000 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						335.000 sqm
	Say 335.000 sqm @ Rs 12221.77 / sqm						Rs 4094292.95
14	10.2 Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.						
		15	300.000				4500.000
	Total Quantity						4500.000 kg
	Total Deducted Quantity						0.000 kg
	Net Total Quantity						4500.000 kg
	Say 4500.000 kg @ Rs 118.30 / kg						Rs 532350.00
15	11.41.2 Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.						
	restaurant floor	1	10.000	7.000			70.000
	Total Quantity						70.000 sqm
	Total Deducted Quantity						0.000 sqm
	Net Total Quantity						70.000 sqm
	Say 70.000 sqm @ Rs 1744.25 / sqm						Rs 122097.50
16	od97995/2022_2023 supplying and fixing of 10mm toughened glass with patch and suitable accessories, on the top of the glass etching sticker including conveyance, labour etc. complete 						
	For restaurant	2	12.000		5.000		120.000
		2	7.000		5.000		70.000
	Total Quantity						190.000 sqm

							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	190.000 sqm
							Say 190.000 sqm @ Rs 8078.23 / sqm	Rs 1534863.70
17	od98009/2022_2023 Providing and laying rough finish granite stone (sadarhalli) flooring in required design and pattern (90x50 cm or nearest)in linear as well as curvillinear all complete as per the architectural drawing with 50mm thick stone slab over 50mm thick base of sand etc.complete as specified and as directed by the engineer in charge							
	Happening Joint	1	30.000	15.000			450.000	
							Total Quantity	450.000 sqm
							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	450.000 sqm
							Say 450.000 sqm @ Rs 2674.08 / sqm	Rs 1203336.00
18	9.40.2.2 Kiln seasoned and chemically treated hollock wood50x20 mm							
	Floating deck	5	140.000	3.500			2450.000	
							Total Quantity	2450.000 metre
							Total Deducted Quantity	0.000 metre
							Net Total Quantity	2450.000 metre
							Say 2450.000 metre @ Rs 201.25 / metre	Rs 493062.50
SI No	Description	No	L	B	D	CF	Quantity	Remark
3 Toilet block and Sanitary								
1	2.6.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil							
		3	6.500	0.500	0.700		6.825	
		6	2.500	0.500	0.700		5.250	
							Total Quantity	12.075 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	12.075 cum
							Say 12.075 cum @ Rs 211.36 / cum	Rs 2552.17
2	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)							

		3	6.500	0.500	0.100		0.976		
		6	2.500	0.500	0.100		0.750		
	Total Quantity						1.726 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						1.726 cum		
	Say 1.726 cum @ Rs 6729.95 / cum							Rs 11615.89	
3	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers								
		1	50.000				50.000		
	Total Quantity						50.000 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						50.000 sqm		
	Say 50.000 sqm @ Rs 641.72 / sqm							Rs 32086.00	
4	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform								
		1	50.000				50.000		
	Total Quantity						50.000 sqm		
	Total Deducted Quantity						0.000 sqm		
	Net Total Quantity						50.000 sqm		
	Say 50.000 sqm @ Rs 805.61 / sqm							Rs 40280.50	
5	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								
		3	6.500	0.300	0.150		0.878		
		3	2.500	0.300	0.150		0.338		
	Total Quantity						1.216 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						1.216 cum		
	Say 1.216 cum @ Rs 8971.90 / cum							Rs 10909.83	
6	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more								

		1	5.000			110.0	550.000	
	Total Quantity						550.000 kilogram	
	Total Deducted Quantity						0.000 kilogram	
	Net Total Quantity						550.000 kilogram	
	Say 550.000 kilogram @ Rs 97.08 / kilogram						Rs 53394.00	
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)							
		3	6.500	0.300	0.600		3.510	
		6	2.500	0.300	0.600		2.700	
	Total Quantity						6.210 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						6.210 cum	
	Say 6.210 cum @ Rs 7114.98 / cum						Rs 44184.03	
8	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.							
		1	6.000	6.000	0.250		9.000	
	Total Quantity						9.000 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						9.000 cum	
	Say 9.000 cum @ Rs 255.35 / cum						Rs 2298.15	
9	od115706/2022_2023 Laterate masonry with neatly dressed laterate stone of size 40x20x15cm or nearest size in cement mortar 1:6 for foundation and basement including all cost of materials, labour charges etc.							
		3	6.000	0.200	2.100		7.561	
		3	3.000	0.200	2.100		3.781	
		6	3.000	0.200	2.100		7.561	
	Total Quantity						18.903 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						18.903 sqm	
	Say 18.903 sqm @ Rs 1090.55 / sqm						Rs 20614.67	
10	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	100.000			8.0	800.000	
	Total Quantity						800.000 kg	
	Total Deducted Quantity						0.000 kg	
	Net Total Quantity						800.000 kg	
	Say 800.000 kg @ Rs 166.71 / kg						Rs 133368.00	
11	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)							
		2	7.000	4.000			56.000	
		2	7.000	4.000			56.000	
	Total Quantity						112.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						112.000 sqm	
	Say 112.000 sqm @ Rs 377.06 / sqm						Rs 42230.72	
12	12.49 Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).							
		1	14.000				14.000	
	Total Quantity						14.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						14.000 metre	
	Say 14.000 metre @ Rs 83.96 / metre						Rs 1175.44	
13	od115714/2022_2023 Providing & fixing on roof pressed clay ceiling tiles (30 x 25) mm size 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). 							
		2	6.000	3.000			36.000	
	Total Quantity						36.000 sqm	
	Total Deducted Quantity						0.000 sqm	
	Net Total Quantity						36.000 sqm	
	Say 36.000 sqm @ Rs 377.05 / sqm						Rs 13573.80	
14	13.1.1 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)							

		3	6.000		2.100		37.801		
		3	3.000		2.100		18.901		
		6	3.000		1.500		27.000		
		Total Quantity					83.702 sqm		
		Total Deducted Quantity					0.000 sqm		
		Net Total Quantity					83.702 sqm		
		Say 83.702 sqm @ Rs 310.18 / sqm					Rs 25962.69		
15	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							
		4	6.000		2.100		50.401		
		4	2.500		2.100		21.000		
		Total Quantity					71.401 sqm		
		Total Deducted Quantity					0.000 sqm		
		Net Total Quantity					71.401 sqm		
		Say 71.401 sqm @ Rs 165.30 / sqm					Rs 11802.59		
16	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	6.000	6.000			36.000		
		Total Quantity					36.000 cum		
		Total Deducted Quantity					0.000 cum		
		Net Total Quantity					36.000 cum		
		Say 36.000 cum @ Rs 8381.67 / cum					Rs 301740.12		
17	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	6.000	3.000			18.000		
		1	6.000	3.000			18.000		
		Total Quantity					36.000 sqm		
		Total Deducted Quantity					0.000 sqm		
		Net Total Quantity					36.000 sqm		

		Say 36.000 sqm @ Rs 1077.43 / sqm					Rs 38787.48	
18	od119468/2022_2023 Supply and fix fully finished Pre Hung Door:- Both side HP Laminate vertical grain pattern Flush door with matching PVC wrapped WPC Jamb with front side Architrave other side tackers. Door of 35mm thick with 4 side edges painted / Lock Hole Boring (Using mortise lock)/ Hinge Rebate Cutting (4 Nos) ,Jamb width 100 mm. Latch with Lever handles without Keys SS finish - 1 No, Hinges 4" x 3" x 3mm SS finish - 4 Nos .Tower Bolt 6" SS Finish - 1 No.(Jacsons or Approved equivalent)							
		9	1.000		2.100		18.901	
		Total Quantity					18.901 sqm of door area	
		Total Deducted Quantity					0.000 sqm of door area	
		Net Total Quantity					18.901 sqm of door area	
		Say 18.901 sqm of door area @ Rs 9049.38 / sqm of door area					Rs 171042.33	
19	50.18.7.2.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer -in-Charge 20 mm dia 10 Kg/cm2- Internal work - Exposed on wall							
		1	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 239.56 / metre					Rs 23956.00	
20	50.18.7.4.2 Providing and fixing PVC, pipes fittings including fixing the pipe with clamps at 1.00 m spacing. this includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32 mm dia 6 Kg/cm2 - internal work- Exposed on wall							
		1	75.000				75.000	
		Total Quantity					75.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					75.000 metre	
		Say 75.000 metre @ Rs 297.15 / metre					Rs 22286.25	
21	50.18.8.7.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work including cutting chases and making good the wall etc. 63 mm pipe 6 Kg/cm2							

		1	30.000				30.000	
	Total Quantity						30.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						30.000 metre	
	Say 30.000 metre @ Rs 603.65 / metre						Rs 18109.50	
22	<p>50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 75 mm pipe 6 Kgf/cm2</p>							
		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 617.10 / metre						Rs 18513.00	
23	<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	75.000				75.000	
	Total Quantity						75.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						75.000 metre	
	Say 75.000 metre @ Rs 717.10 / metre						Rs 53782.50	
24	<p>50.18.9.19.1 Providing and fixing PVC pipes including fixing the pipe with clamps/ clips/ at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 110 mm dia 6 Kgf/cm2 - External work- Exposed on wall</p>							
		1	70.000				70.000	
	Total Quantity						70.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						70.000 metre	
	Say 70.000 metre @ Rs 380.20 / metre						Rs 26614.00	
25	<p>50.18.7.6.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing . This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as</p>							

	per direction of Engineer-in-Charge 50 mm dia 6 Kg/cm ² - Internal work- Exposed on wall							
		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 371.72 / metre						Rs 37172.00	
26	17.1.1 Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Sand Cast Iron P or S trap, 10 litter low level white P.V.C.flushing cistern, including flush pipe, 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 require:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests							
	For Ladies	3					3.000	
	For gents	1					1.000	
	Total Quantity						4.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						4.000 each	
	Say 4.000 each @ Rs 6302.07 / each						Rs 25208.28	
27	od115729/2022_2023 Providing and fixing wall mounting European water closet with seat cover (white colour), seat cover& slim concealed cistern , installation kit and drain pipe connection set for wall hung WC including control plate moon design all chrome or equivalent of approved shape with 'P' trape, of removable soft matching seat cover , fixing of the above closet with stainless steel rack bolt (seam bolt) white cap etc. complete with supply of brass pan connectors, noise reduction gasket and necessary fasteners. Providing water and soil connections to the closet, together with cutting and making good the walls and floors wherever required, quality and brand as approved by the consultant, etc. complete. Providing and fixing WC-connection socket with lip (Quality controlled in accordance with DIN) Make: Kohler/ Equivalent (For rooms) (OD Derived from 17.78) 							
	For Ladies	3					3.000	
	gents	2					2.000	
	Total Quantity						5.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						5.000 each	
	Say 5.000 each @ Rs 20146.85 / each						Rs 100734.25	
28	17.4.1 Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of							

	fittings and brackets, cutting and making good the walls and floors wherever required:One urinal basin with 5 litre white P.V.C. automatic flushing cistern						
	For gents toilet	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 5791.44 / each						Rs 28957.20
29	17.7.3 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps						
	for gents and ladies	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 3309.27 / each						Rs 13237.08
30	18.51.1 Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.15 mm nominal bore						
		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 642.05 / each						Rs 9630.75
31	18.55.1 Providing and fixing PTMT stop cock of approved quality and colour.15 mm nominal bore, 86 mm long, weighing not less than 88 gms						
		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 135.51 / each						Rs 2032.65
32	18.65 Providing and fixing PTMT Soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fittings arrangements, weighing not less than 106 gms.						

		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 151.71 / each							Rs 2275.65	
33	51.19.ST3 Supplying and installing ready made PVC Septic tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (Provision for CC/RCC/Sand/06mm aggregate for the preparation of bed shall be paid separately) 3. 25 to below 35 flush capacity								
		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 24505.87 / each							Rs 24505.87	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
4 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								
		100						100.000	
	Total Quantity							100.000	point
	Total Deducted Quantity							0.000	point
	Net Total Quantity							100.000	point
	Say 100.000 point @ Rs 1162.25 / point							Rs 116225.00	
2	1.55.3 Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.Group C								
		40						40.000	
	Total Quantity							40.000	point
	Total Deducted Quantity							0.000	point
	Net Total Quantity							40.000	point
	Say 40.000 point @ Rs 652.09 / point							Rs 26083.60	

3	1.14.1 Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required 2x1.5 sq.mm + 1x1.5 sq.mm earth wire	800					800.000	
		Total Quantity					800.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					800.000 metre	
		Say 800.000 metre @ Rs 171.39 / metre					Rs 137112.00	
4	1.14.2 Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required 2X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	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 195.49 / metre					Rs 58647.00	
5	1.14.3 Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	150					150.000	
		Total Quantity					150.000 metre	
		Total Deducted Quantity					0.000 metre	
		Net Total Quantity					150.000 metre	
		Say 150.000 metre @ Rs 235.66 / metre					Rs 35349.00	
6	1.33 Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	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 76.32 / each					Rs 610.56	
7	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							
		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 100.43 / each						Rs 1004.30	
8	1.24.3 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.15/16 amp switch							
		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 153.99 / each						Rs 1539.90	
9	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							
		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 129.88 / each						Rs 1298.80	
10	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							
		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 204.87 / each						Rs 2048.70	
11	1.28.2 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.3 Module							
		10					10.000	
	Total Quantity						10.000 each	

		22					22.000	
	Total Quantity						22.000	each
	Total Deducted Quantity						0.000	each
	Net Total Quantity						22.000	each
	Say 22.000 each @ Rs 3167.10 / each						Rs 69676.20	
21	2.4.1 Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, 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 MCB/RCCB/Isolator)4 way (4 + 12), Double door							
		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 3601.91 / each						Rs 3601.91	
22	2.5.1 Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (butwithout MCB's and incomer) as required :(Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)4 way (4 + 12), Double door							
		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 6634.75 / each						Rs 6634.75	
23	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							
		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 234.33 / each						Rs 9373.20	
24	2.10.5							

	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 and neutral									
		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 1282.76 / each						Rs 1282.76		
25	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									
		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 1229.20 / each						Rs 1229.20		
26	2.14.3 Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 amps									
		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 3099.79 / each						Rs 6199.58		
27	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.									
		1						1.000		
		Total Quantity						1.000	set	
		Total Deducted Quantity						0.000	set	
		Net Total Quantity						1.000	set	
		Say 1.000 set @ Rs 7297.55 / set						Rs 7297.55		
28	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.						
		15					15.000
	Total Quantity						15.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						15.000 metre
	Say 15.000 metre @ Rs 302.61 / metre						Rs 4539.15
29	90.12.5.42 Supply & laying of one number PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade of the following sizes in the existing RCC/ HUME / STONE WARE/ GI/ DWC pipe as required.4 core 25 sq mm						
		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 297.42 / metre						Rs 8922.60
30	90.16.1.4 Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required4.00 mm copper conductor (8 SWG)						
		50					50.000
	Total Quantity						50.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						50.000 metre
	Say 50.000 metre @ Rs 98.12 / metre						Rs 4906.00
31	9.2.30 Supplying and making outdoor end termination with cast resin compound including aluminiumlugs and other jointing materials 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						
		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 1562.61 / each						Rs 23439.15
32	od147419/2022_2023 Supply and fixing 32A, 4way connector in the existing junction box						
		80					80.000

	power cable of 1.1KV grade of the following sizes in ground in the same trench in one tier horizontal formation including widening the trench by 20 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil)2 core 10 sq mm						
		2800					2800.000
	Total Quantity						2800.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						2800.000 metre
	Say 2800.000 metre @ Rs 282.49 / metre						Rs 790972.00
37	90.12.7.3 Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as required.2 core 10 sq mm with factory made clamp						
		50					50.000
	Total Quantity						50.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						50.000 metre
	Say 50.000 metre @ Rs 222.24 / metre						Rs 11112.00
38	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 trench50/38 mm or nearest size						
		2800					2800.000
	Total Quantity						2800.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						2800.000 metre
	Say 2800.000 metre @ Rs 143.68 / metre						Rs 402304.00
39	90.12.9.10 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 trench160/135 mm or nearest size						
		2400					2400.000
	Total Quantity						2400.000 metre
	Total Deducted Quantity						0.000 metre
	Net Total Quantity						2400.000 metre
	Say 2400.000 metre @ Rs 464.36 / metre						Rs 1114464.00

40	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)							
		3045						3045.000
	Total Quantity							3045.000 metre
	Total Deducted Quantity							0.000 metre
	Net Total Quantity							3045.000 metre
	Say 3045.000 metre @ Rs 62.75 / metre							Rs 191073.75
41	9.1.2 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 10 sq. mm (19mm)							
		250						250.000
	Total Quantity							250.000 set
	Total Deducted Quantity							0.000 set
	Net Total Quantity							250.000 set
	Say 250.000 set @ Rs 232.99 / set							Rs 58247.50
SI No	Description	No	L	B	D	CF	Quantity	Remark
5 GST on works @18%								
Lump-Sum Total							Rs 8105378.40	
SI No	Description	No	L	B	D	CF	Quantity	Remark
Remark	6 Architectural Fee @1.5%							
Lump-Sum Total							Rs 675448.20	
SI No	Description	No	L	B	D	CF	Quantity	Remark
Remark	7 GST on Architectural Fee @18%							
Lump-Sum Total							Rs 121580.68	
SI No	Description	No	L	B	D	CF	Quantity	Remark
Remark	8 PMC Centage Charges @5%							
Lump-Sum Total							Rs 2251494.00	
SI No	Description	No	L	B	D	CF	Quantity	Remark
Remark	9 GST in centage @18%							
Lump-Sum Total							Rs 405268.92	
Provision for GST payments (in %) @							0.0%	
Amount reserved for GST payments							0.00	
Total							56589050.00	

Lumpsum for round off	10950.00
TOTAL Rs 56600000.00	
Rounded Total Rs 5,66,00,000	
Rupees Five Crore Sixty Six Lakh Only	

(Cost Index Applied for this estimate is 33.9%)



Other Engineering Organisations

PRICE