

TS Register No: 1200/2021-2022

AS Register No:1230/2021-2022

Eco-lodge Idukki additional work III ( Construction of Modular kitchen, Drainage, Parking Yard, Side wall, woodwork polishing, Electrical works and Generator Room)

## Detailed Estimate

(Dsr year: 2018, Cost Index Applied for this estimate is 41.53%)

Sl No	Description	No	L	B	D	CF	Quantity	Remark
<b>1 Drainage</b>								
1	2.6.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed. All kinds of soil							
	Main	1	100.000	1.600	1.200		192.000	
	Side drains	1	42.000	1.250	$(1.00+0.55)/2$		40.688	
							Total Quantity	232.688 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	232.688 cum
							Say 232.688 cum @ Rs 223.41 / cum	<b>Rs 51984.83</b>
2	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)							
<b>BASE CONCRETE</b>								
	Main drain	1	100.000	1.600	0.150		24.000	
	Side drains	1	42.000	1.250	0.150		7.875	
							Total Quantity	31.875 cum
							Total Deducted Quantity	0.000 cum
							Net Total Quantity	31.875 cum
							Say 31.875 cum @ Rs 7113.44 / cum	<b>Rs 226740.90</b>
3	4.1.6 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 ( 1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)							
<b>WALLS</b>								

	Main drain	2	100.000	$(0.25+0.35)/2$	1.050		63.000		
	Side drains	2	42.000	$(0.20+0.30)/2$	1.050		22.050		
	Total Quantity						85.050 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						85.050 cum		
	Say 85.050 cum @ Rs 7527.06 / cum							<b>Rs 640176.45</b>	
4	4.1.3 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)								
	WEARING COAT								
	Main Drain	1	100.000	0.900	0.050		4.500		
	Side drains	1	42.000	0.450	0.050		0.946		
	Total Quantity						5.446 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						5.446 cum		
	Say 5.446 cum @ Rs 8340.93 / cum							<b>Rs 45424.70</b>	
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)								
	Slab at road crossing	1	6.000	1.400	0.200		1.680		
	Total Quantity						1.680 cum		
	Total Deducted Quantity						0.000 cum		
	Net Total Quantity						1.680 cum		
	Say 1.680 cum @ Rs 9483.15 / cum							<b>Rs 15931.69</b>	
6	5.9.3 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform								
	Slab	1	6.000	1.400			8.400		
		2	6.000	0.200			2.401		
		2	1.400	0.200			0.560		
	Total Quantity						11.361 sqm		
	Total Deducted Quantity						0.000 sqm		



		Net Total Quantity					1500.000 sqm	
		Say 1500.000 sqm @ Rs 15.43 / sqm					<b>Rs 23145.00</b>	
2	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							
	Ground	1	43.000	20.000	2.000		1720.000	
	Road to parking	1	10.000	4.000000	2.000		80.000	
		Total Quantity					1800.000 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					1800.000 cum	
		Say 1800.000 cum @ Rs 223.41 / cum					<b>Rs 402138.00</b>	
3	16.78.1 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 - I ( size range 75 mm to 0.075 mm) having CBR Value- 30							
		1	30.000	20.000	0.300		180.000	
		Total Quantity					180.000 cum	
		Total Deducted Quantity					0.000 cum	
		Net Total Quantity					180.000 cum	
		Say 180.000 cum @ Rs 3093.42 / cum					<b>Rs 556815.60</b>	
4	od51970/2021_2022 Providing and laying 80 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 6mm stone aggregate, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.							
		1	30.000	20.000			600.000	
		Total Quantity					600.000 sqm	
		Total Deducted Quantity					0.000 sqm	
		Net Total Quantity					600.000 sqm	
		Say 600.000 sqm @ Rs 1144.32 / sqm					<b>Rs 686592.00</b>	
5	4.1.3 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm							

	nominal size)							
	Kerb	2	30.000	0.300	0.300		5.400	
		2	20.000	0.300	0.300		3.600	
	Total Quantity						9.000 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						9.000 cum	
	Say 9.000 cum @ Rs 8340.93 / cum						<b>Rs 75068.37</b>	
6	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)							
	Base for steps	1	24.000	1.200	0.100		2.880	
	Parking yard entry	1	30.000	1.200	$(0.30+0.15)/2$		8.100	
	Total Quantity						10.980 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						10.980 cum	
	Say 10.980 cum @ Rs 7113.44 / cum						<b>Rs 78105.57</b>	
7	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)							
	Steps	1	24.000	1.200	0.150		4.320	
	Total Quantity						4.320 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						4.320 cum	
	Say 4.320 cum @ Rs 8859.28 / cum						<b>Rs 38272.09</b>	
8	4.3.2 Centering and shuttering including strutting, propping etc. and removal of form work for:Retaining walls, return walls, (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.							
	GROUND							
		2	50.000	0.300			30.000	
		2	30.000	0.300			18.000	
	SIDE WALL							

		2	16.000	(2.00+0.10) )/2			33.600	
<b>STEPS</b>								
	Steps	2	24.000	0.150			7.200	
Total Quantity							88.800 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							88.800 sqm	
Say 88.800 sqm @ Rs 748.62 / sqm							<b>Rs 66477.46</b>	
Sl No	Description	No	L	B	D	CF	Quantity	Remark
<b>3 SIDE WALL</b>								
1	2.6.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil							
		2	8.000	0.400	0.500		3.200	
Total Quantity							3.200 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							3.200 cum	
Say 3.200 cum @ Rs 223.41 / cum							<b>Rs 714.91</b>	
2	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)							
	Foundation of Retaining wall	2	8.000	0.450	0.400		2.881	
Total Quantity							2.881 cum	
Total Deducted Quantity							0.000 cum	
Net Total Quantity							2.881 cum	
Say 2.881 cum @ Rs 7113.44 / cum							<b>Rs 20493.82</b>	
3	4.1.6 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 ( 1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)							
	Retaining wall superstructure	2	8.000	1.500	(0.25+0.35) )/2		7.200	
Total Quantity							7.200 cum	

							Total Deducted Quantity	0.000 cum
							Net Total Quantity	7.200 cum
							Say 7.200 cum @ Rs 7527.06 / cum	<b>Rs 54194.83</b>
4	4.3.2 Centering and shuttering including strutting, propping etc. and removal of form work for:Retaining walls, return walls, (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.							
	Retaining wall	4	8.000	1.500			48.000	
	Ends	2	1.500	(0.25+0.35)/2			0.900	
							Total Quantity	48.900 sqm
							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	48.900 sqm
							Say 48.900 sqm @ Rs 748.62 / sqm	<b>Rs 36607.52</b>
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>4 HAND RAILS</b>								
1	10.26.3 Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.G.I. pipes							
		2	14.000				28.000	
		2	10.000				20.000	
		2	7.000				14.000	
							Total Quantity	62.000 kg
							Total Deducted Quantity	0.000 kg
							Net Total Quantity	62.000 kg
							Say 62.000 kg @ Rs 194.18 / kg	<b>Rs 12039.16</b>
2	2.31 Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared							
<b>OVERALL JUNGLE CLEARANCE</b>								
		1	200.000	20.000			4000.000	
							Total Quantity	4000.000 sqm
							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	4000.000 sqm
							Say 4000.000 sqm @ Rs 15.43 / sqm	<b>Rs 61720.00</b>

3	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							
LOUVERS								
	Ventilation louvers	16*4	0.600	0.150			5.760	
Total Quantity							5.760 sqm	
Total Deducted Quantity							0.000 sqm	
Net Total Quantity							5.760 sqm	
Say 5.760 sqm @ Rs 2202.42 / sqm							<b>Rs 12685.94</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>5 OUTSIDE POLISHING</b>								
1	od52056/2021_2022 Labour for cleaning							
	Cleaning cottages	35					35.000	
Total Quantity							35.000 each	
Total Deducted Quantity							0.000 each	
Net Total Quantity							35.000 each	
Say 35.000 each @ Rs 917.28 / each							<b>Rs 32104.80</b>	
2	od55105/2021_2022 Sanding up of existing wooden surface and applying 3 coat of Imperia sealer and 3 coat of imperia P.U. matt on wooden panels.							
	Units outer side	12*2	5.590	2.850		1.13	430.151	
		12*2	5.365	2.850		1.13	412.837	
	Handrails	12*41	0.260	0.750			95.940	
		12*5	0.290	0.965			16.791	
		12*1	0.270	1.300			4.213	
	Posts	12*6	0.330	2.800			66.528	
	Reception	2	10.050	2.950		1.13	66.707	
		2	12.350	2.950		1.13	81.974	
	Handrails	2*60	0.260	0.800			24.960	
		2*10	1.020	0.280			5.713	
	Posts	2*9	0.340	2.850			17.442	
Total Quantity							1223.256 sqm	



							Total Deducted Quantity	0.000 sqm
							Net Total Quantity	1223.256 sqm
							Say 1223.256 sqm @ Rs 1959.94 / sqm	<b>Rs 2397508.36</b>
Sl No	Description	No	L	B	D	CF	Quantity	Remark
<b>6 MODULAR KITCHEN</b>								
1	od58940/2021_2022 Supplying, providing and fixing stainless steel three sink unit of size 1.60m x 0.60m x 0.85m having bottom cross support and over head plate rack, and all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.							
	od58940/2021_2022	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 58994.09 / each	<b>Rs 58994.09</b>
2	od58941/2021_2022 Supplying ,providing and fixing stainless steel draining table of size 0.45m x 0.60m x 0.85m with one under shelf and bottom cross support, including all its conveyance and placing at a suitable location instructed by the engineer in charge.							
	od58941/2021_2022	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 19796.00 / each	<b>Rs 19796.00</b>
3	od58942/2021_2022 Supplying ,providing and fixing stainless steel charcoal operated tandoor oven of size 0.60m x 0.60m x 0.90m including clay pot with all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.							
	od58942/2021_2022	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 52439.19 / each	<b>Rs 52439.19</b>
4	od58943/2021_2022 Supplying ,providing and fixing 20L wet grinder with stainless steel body including all its fixing including all its conveyance and placing at a suitable location instructed by the engineer in charge. 							
	od58943/2021_2022	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 38137.60 / each						<b>Rs 38137.60</b>
5	od58944/2021_2022 Supplying, providing and fixing stainless steel single sink unit of size 0.60m x 0.60m x 0.85m with sunken top including bottom cross support and all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.						
	od58944/2021_2022	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 25027.79 / each						<b>Rs 25027.79</b>
6	od58945/2021_2022 Supplying, providing and fixing stainless steel bainmaire counter of size 1.80m x 0.65m x 0.85m with 6 nos of 1/2 gn pan, 1 under shelf, 2 over shelves and three sides covered, including all its conveyance and placing at a suitable location instructed by the engineer in charge.						
	od58945/2021_2022	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 88028.58 / each						<b>Rs 88028.58</b>
7	od58947/2021_2022 Supplying and providing stainless work table of size 0.45m x 0.60m x 0.85m with a bottom shelf at a distance of 0.45m from the table top, including all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.						
	od58947/2021_2022	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 19909.12 / each						<b>Rs 19909.12</b>
8	od64002/2021_2022 Supplying and providing stainless steel work table of size 1.35m x 0.60m x 0.85m with 2 bottom shelves, including all its fittings, conveyance and placing at a suitable location instructed by the engineer in charge.						
	od64002/2021_2022	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 16402.40 / each	<b>Rs 32804.80</b>
9	od64126/2021_2022 Supplying, providing and installing stainless steel 2 door frost free vertical freezer of capacity 600L with Body crafted with stainless steel 304, Copland emerson compressor, Digital processing controller, ¾ hp compressor, 220v, 1ph, 2 Doors, Temp. range -15 to -20 with all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.								
	od64126/2021_2022	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 131098.01 / each	<b>Rs 131098.01</b>
10	od64127/2021_2022 Supplying ,providing and installing stainless steel 2 door vertical chiller of capacity 600Litres with Body crafted with stainless steel 304, Copland emerson compressor, Digital processing controller, ½ hp compressor, 220v, 1ph, 2 Doors, Temp. range +02 to +06 with all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.								
	od64127/2021_2022	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 133481.60 / each	<b>Rs 133481.60</b>
11	od64319/2021_2022 Supplying , providing and fixing stainless steel pot wash sink of size 1.00m x 0.60m x 0.30m having bottom cross support and over head plate rack, and all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.								
	od64319/2021_2022	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 48863.81 / each	<b>Rs 48863.81</b>
12	od64397/2021_2022 Supplying and providing stainless steel chute table of size 1.20m x 0.60m x 0.85m with 1 no. chute hole at the centre, bottom cross support and all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.								

	od64397/2021_2022	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 28845.60 / each						<b>Rs 28845.60</b>	
13	od66351/2021_2022 Supplying and fixing three phase 1440rpm, 1 Hp axial fan with all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.							
	od66351/2021_2022	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 38137.60 / each						<b>Rs 38137.60</b>	
14	od66354/2021_2022 Supplying ,providing and fixing stainless steel three burner unit of size 1.65m x 0.60m x 0.85m with 3 nos of hp burner, one under shelf, Needle Control Valve, Copper Pigtail, drainage trap, waste collecting tray, and all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.							
	od66354/2021_2022	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 58398.20 / each						<b>Rs 58398.20</b>	
15	od66357/2021_2022 Supplying and installing LPG pipe line with ½" TATA MS - C class pipe (3 + 3 man folding systems - total 6 cylinders), With DBC Click on adaptor, HP regulator, Connector, shut off valves, Unit Valves With frame connector, Pressure Gauge and Clamps. Including the Charge for pipe bending, Welding, painting, Pressure Testing and Labour charges guage, connecting pipes for burners etc. (charges including one year warranty ) including all its conveyance and placing at a suitable location instructed by the engineer in charge.							
	od66357/2021_2022	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 77467.00 / set						<b>Rs 77467.00</b>	
16	od69276/2021_2022 Supplying ,providing and fixing GI Ducting for SS Hoods with 22 swg ,GI sheet including hanging rods,							

	scaffolding charges and labour charges etc with all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.							
		1					1.000	
	Total Quantity						1.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						1.000 each	
	Say 1.000 each @ Rs 76275.21 / each						<b>Rs 76275.21</b>	
17	od69277/2021_2022 Supplying , providing and fixing exhaust hood of size 1.80m x 0.90m x 0.45, using 22SWG 304 S S Sheet and filters with 26 SWG 304 S S Sheet, with all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.							
		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 64357.21 / each						<b>Rs 128714.42</b>	
18	od69278/2021_2022 Supplying ,providing and fixing wall type hanging hood for hot plate/dosa plate of size 1.20m x 0.90m x 0.45m, using 22SWG 304 S S Sheet and filters with 26 SWG 304 S S Sheet, with all its fittings including all its conveyance and placing at a suitable location instructed by the engineer in charge.							
		1					1.000	
	Total Quantity						1.000 each	
	Total Deducted Quantity						0.000 each	
	Net Total Quantity						1.000 each	
	Say 1.000 each @ Rs 42904.80 / each						<b>Rs 42904.80</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark
<b>7 ELECTRICAL WORKS</b>								
1	1.12 Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.							
		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 249.09 / metre						<b>Rs 4981.80</b>	

2	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		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 206.63 / metre					<b>Rs 4132.60</b>	
3	1.31 Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).		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 498.19 / each					<b>Rs 1992.76</b>	
4	od69175/2021_2022 SITC of Ceiling mounted, Chandelier hanging light, Elegant design with antique bronze finish. Superior glass diffuser to minimize glare, Recommended to use with energy saving lamps, 5 x 7.5 W A60 LED filament lamp, IP rating 20, Lamp base E27. (Havells ORNALITE CHANDELIER 1 X 5LS E27 BRZ or equivalent)		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 22072.00 / each					<b>Rs 22072.00</b>	
5	od69274/2021_2022 Supply, conveyance, installation, testing and commissioning of Ornamental ceiling fan of wooden finish with 1050 mm (or higher) sweep complete with 1500mm down rod, canopies, shackles and blades 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 conductor flex wire or with extended original wiring etc – Make- Usha /equivalent		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 13990.00 / each		<b>Rs 13990.00</b>		
6	od68879/2021_2022 Supply, Installation, testing and commissioning of 30KVA, silent type, water cooled, radiator type, electric start DG set with acoustic enclosure and standard control panel. The engine shall be capable of taking 10% overload for one hour after 2 hours of operation, with AMF panel. Alternator- brushless, self excited, self regulated, class H insulation, suitable for continuous operation at 1500rpm generating 415V +/-5V at 0.8pf, 50Hz 0.85 load factor 3phase, 4 wire system.  Baseframe- formed sheet channel, sturdy welded construction for mounting engine, Alternator and Acoustic enclosure											
od68879/2021_2022			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 650000.00 / each		<b>Rs 650000.00</b>		
7	od69168/2021_2022 SITC of Solar LED lighting System with following accessories. (a) All in one Solar LED CSADHMP40 CDL, 40W LED Crompton make / Equivalent having 60W solar module Wp with 27 Ah battery having 6800lumens having dimensions (Approx) 955 X 630 X 55 (LWH) having approximate weight of 19Kg suitable to fit on tubular pole. (b) Pole :- 3.5/4 Mtr. long (clear height -210kg) armless pole of cast iron with bottom dia.200mm with base plate and top dia. 100mm, foundation bolt etc. complete fixed on existing cement concrete foundation etc. as per the directions of engineer at site as required including 3 year AMC complete.											
			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 100293.00 / each		<b>Rs 501465.00</b>		
SI No	Description	No	L	B	D	CF	Quantity	Remark				
<b>8 GENERATOR ROOM</b>												
1	2.3.1 Banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with 1/2 tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., lead up to 50 m and lift up to 1.5 m :All kinds of soil											
		1		3.000		2.000				6.000		
								Total Quantity		6.000 cum		
								Total Deducted Quantity		0.000 cum		
								Net Total Quantity		6.000 cum		

	Say 6.000 cum @ Rs 578.15 / cum						<b>Rs 3468.90</b>	
2	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							
	floor	1	2.500	2.000	0.400		2.000	
	Total Quantity						2.000 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						2.000 cum	
	Say 2.000 cum @ Rs 223.41 / cum						<b>Rs 446.82</b>	
3	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)							
	floor	1	2.500	2.000	0.100		0.500	
	Total Quantity						0.500 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						0.500 cum	
	Say 0.500 cum @ Rs 7113.44 / cum						<b>Rs 3556.72</b>	
4	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)							
	floor foundation	1	2.500	2.000	0.300		1.500	
	floor top	1	2.500	2.000	0.150		0.750	
	Total Quantity						2.250 cum	
	Total Deducted Quantity						0.000 cum	
	Net Total Quantity						2.250 cum	
	Say 2.250 cum @ Rs 8859.28 / cum						<b>Rs 19933.38</b>	
5	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns							
	floor top	2	2.500	0.150			0.750	
		2	2.000	0.150			0.600	
	Total Quantity						1.350 sqm	



						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	1.350 sqm	
						Say 1.350 sqm @ Rs 350.00 / sqm	<b>Rs 472.50</b>	
6	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	2.500	2.000		25.0	125.000	
						Total Quantity	125.000 kg	
						Total Deducted Quantity	0.000 kg	
						Net Total Quantity	125.000 kg	
						Say 125.000 kg @ Rs 176.20 / kg	<b>Rs 22025.00</b>	
7	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						
		5				0.5	2.500	
						Total Quantity	2.500 sqm	
						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	2.500 sqm	
						Say 2.500 sqm @ Rs 233.10 / sqm	<b>Rs 582.75</b>	
8	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	$(2.5+.83)/2$	0.950			3.164	
		2	.5*2*.9				1.800	
						Total Quantity	4.964 sqm	
						Total Deducted Quantity	0.000 sqm	
						Net Total Quantity	4.964 sqm	
						Say 4.964 sqm @ Rs 398.55 / sqm	<b>Rs 1978.40</b>	
9	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	6.000				6.000	
						Total Quantity	6.000 metre	

							Total Deducted Quantity	0.000 metre	
							Net Total Quantity	6.000 metre	
							Say 6.000 metre @ Rs 88.74 / metre	<b>Rs 532.44</b>	
10	5.22.6	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more							
		1	3.114			30.0	93.420		
							Total Quantity	93.420 kilogram	
							Total Deducted Quantity	0.000 kilogram	
							Net Total Quantity	93.420 kilogram	
							Say 93.420 kilogram @ Rs 102.61 / kilogram	<b>Rs 9585.83</b>	
Sl No	Description	No	L	B	D	CF	Quantity	Remark	
<b>9 CIVIL WORK FOR LAMP POST</b>									
1	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil							
		5	0.600	0.600	0.600		1.080		
							Total Quantity	1.080 cum	
							Total Deducted Quantity	0.000 cum	
							Net Total Quantity	1.080 cum	
							Say 1.080 cum @ Rs 223.41 / cum	<b>Rs 241.28</b>	
2	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)							
		5	0.600	0.600	0.600		1.080		
							Total Quantity	1.080 cum	
							Total Deducted Quantity	0.000 cum	
							Net Total Quantity	1.080 cum	
							Say 1.080 cum @ Rs 8859.28 / cum	<b>Rs 9568.02</b>	
3	4.3.1	Centering and shuttering including strutting, propping etc. and removal of form work for:Foundations, footings, bases for columns							
		5	5*.6		0.600		9.000		

	Total Quantity							9.000 sqm	
	Total Deducted Quantity							0.000 sqm	
	Net Total Quantity							9.000 sqm	
	Say 9.000 sqm @ Rs 350.00 / sqm							<b>Rs 3150.00</b>	
4	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								
		5	0.600	0.600	0.400	15.0	10.800		
	Total Quantity							10.800 kilogram	
	Total Deducted Quantity							0.000 kilogram	
	Net Total Quantity							10.800 kilogram	
	Say 10.800 kilogram @ Rs 102.61 / kilogram							<b>Rs 1108.19</b>	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
<b>10 GST @12%</b>									
Lump-Sum Total							<b>Rs 962933.88</b>		
SI No	Description	No	L	B	D	CF	Quantity	Remark	
Remark	<b>11 CENTAGE @8%</b>								
Lump-Sum Total							<b>Rs 641955.92</b>		
SI No	Description	No	L	B	D	CF	Quantity	Remark	
Remark	<b>12 GST ON CENTAGE @18%</b>								
Lump-Sum Total							<b>Rs 115552.07</b>		
Provision for GST payments (in %) @							<b>0.0%</b>		
Amount reserved for GST payments							<b>0.00</b>		
Total							<b>9744890.00</b>		
Lumpsum for round off							<b>110.00</b>		
<b>TOTAL Rs 9745000.00</b>									
<b>Rounded Total Rs 97,45,000</b>									
Rupees Ninety Seven Lakh Forty Five Thousand Only									

(Cost Index Applied for this estimate is 41.53%)