

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
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 [Electrical Division]
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PRICE BID FOR THE WORK UNDER SL. NO :- 02 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AMA BUS STAND AT BADAPADAR UNDER BEGUNIA BLOCK IN THE DISTRICT OF KHURDA.

BID REF NO :- 60/PM/ELECT/OPHWC/2024-25

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
I	CONSTRUCTION OF 11 KV LINE .				
A	11 KV CUT POINT WITH 180 DEGREE ANGLE				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	1	34153.68	34153.68
2	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =(4x9.56x1.2)	Kg	22.943	102.00	2340.19
3	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	5.286	102.00	539.17
4	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 0.306 mtr., 4 no's channel required =(42x9.56x0.306)	Kg	5.85	102.00	596.70
5	Danger plate	No	1	108.80	108.80
6	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.3009	102.00	30.69
7	GI barbed wire/Anticlimbing device	No	3	108.80	326.40
8	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	1.2036	102.00	122.77
9	11 KV pin insulator polymer	Set	5	272.00	1360.00
10	H W fitting(B&S) 70KN, 3Bolt	No.	9	476.00	4284.00
11	Disc insulator (B&S) 70 KN polymer	No.	9	1564.00	14076.00
12	Earthing of Support (Coil Type)	No	1	225.76	225.76
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	102.00	26.72
14	Wedge connector for 55 sq. mm Conductor	No	9	146.20	1315.80
15	Polycarbonate Bird Guard	No	14	20.96	293.44
16	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	3.55	106.08	376.58
17	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr	2	167.46	334.92
18	Black paint (GIS Numbering & Zebra stripping)	Ltr	0.5	299.20	149.60
A	A. Sub total				60,661.23
B	B. Stock, Storage & Insurance @ 3% of A				1,819.84
C	Sub Total (C=A+B)				62,481.06
D	T&P @ 2% of C				1,249.62
E	Contingency @ 3% of C				1,874.43
F	Transportation @ 7.5% of C				4,686.08
	Erection Charges @ 5% on WPB poles				1,758.91
G	Erection Charges @ 10%				2,730.30
H	Total				74,780.40
19	Cooncreting Ratio 1:1:5:3(500 mmx500mmx1800mm)=0.45 Cu. Mtr.	Cum	0.45	6648.85	2991.98
20	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	Cum	0.1125	6648.85	748.00
	Total Material + Services Cost (J+K)				78,520.38
B	11 KV CUT POINT WITH 90 DEGREE ANGLE				

1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	1	34153.68	34153.68
2	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =(4x9.56x1.2)	Kg	45.888	102.00	4680.58
3	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	10.5728	102.00	1078.43
4	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 0.306 mtr., 4 no's channel required =(4x9.56x0.306)	Kg	11.70144	102.00	1193.55
5	Danger plate	No	1	108.80	108.80
6	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.3009	102.00	30.69
7	GI barbed wire/Anticlimbing device	No	3	108.80	326.40
8	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	1.2036	102.00	122.77
9	11 KV pin insulator polymer	Set	4	272.00	1088.00
10	H W fitting(B&S) 70KN, 3Bolt	No.	6	476.00	2856.00
11	Disc insulator (B&S) 70 KN polymer	No.	6	1564.00	9384.00
12	Earthing of Support (Coil Type)	No	1	225.76	225.76
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	102.00	26.72
14	Wedge connector for 55 sq. mm Conductor	No	6	146.20	877.20
15	Polycarbonate Bird Guard	No	10	20.96	209.60
16	HT Stay Clamp,50x8 mm , flat 3.14 kg/Mtr.,0.551 Length , 2Nos.	Pair	2	170.00	340.00
17	HT Stay Set (Complete)	Set	2	1428.00	2856.00
18	HT Stay Insulator	No.	2	68.00	136.00
19	7/10 SWG Stay Wire , 15 Kg/stay	KG	30	102.00	3060.00
20	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	7.433	106.08	788.49
21	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr	2	167.46	334.92
22	Black paint (GIS Numbering & Zebra stripping)	Ltr	0.5	299.20	149.60
A	A. Sub total				64,027.18
B	B. Stock, Storage & Insurance @ 3% of A				1,920.82
C	Sub Total (C=A+B)				65,948.00
D	T&P @ 2% of C				1187.28
E	Contingency @ 3% of C				1,978.44
F	Transportation @ 7.5% of C				4,946.10
	Erection Charges @ 5% on poles				1,758.91
G	Erection Charges @ 10%				2,418.59
H	Total				78,237.32
23	Fixing of 11 KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & bolts, including exccavation, supply of 0.5Cum cement concrete foundation 1:2:4 size (500mmx500mmx800mm) using 20mm BHG metal with all labour and material as per TPCODL Drawing and standard.	No	2	2301.53	4603.06
24	Cooncreting Ratio 1:1:5:3(500 mmx500mmx1800mm)=0.45 Cu. Mtr.	Cum	0.45	6648.85	2991.98
25	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	Cum	0.1125	6648.85	748.00
	Total Material + Services Cost (J+K)				86,580.36
C	11 KV PIN POINTS WITH WPB				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	3	34153.68	102461.04
2	11 KV V cross arm(GI)10.2 Kg each	No	3	1101.60	3304.80
3	Top Bracket 100x50x6 mm GI channel(2 Kg each)	No	3	204.00	612.00
4	Danger plate	No	3	108.80	326.40
5	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.9	102.00	91.80
6	GI barbed wire/Anticlimbing device	No	9	108.80	979.20

7	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	3.61	102.00	368.22
8	11 KV Pin Insulator Polymer,3 Nos.,required for each support	No	9	272.00	2448.00
9	Earthing of Support (Coil Type)	No	3	225.76	677.28
10	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.79	102.00	80.58
11	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	4.35	106.08	461.45
12	55 sq. mm AAAC	Km	0.618	40800.00	25214.40
13	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr	6	167.46	1004.76
14	Black paint (GIS Numbering & Zebra stripping)	Ltr	3	299.20	897.60
15	Polycarbonate Bird Guard	No	9	20.96	188.64
A	A. Sub total				1,39,116.17
B	B. Stock, Storage & Insurance @ 3% of A				4,173.49
C	Sub Total (C=A+B)				1,43,289.65
D	T&P @ 2% of C				2,865.79
E	Contingency @ 3% of C				4,298.69
F	Transportation @ 7.5% of C				10,746.72
	Erection Charges @ 5% on poles				5,276.74
G	Erection Charges @ 10%				3,775.47
H	Total				1,70,253.07
16	Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	Cum	1.35	6648.85	8975.95
17	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	Cum	0.3375	6648.85	2243.99
	Total Material + Services Cost (J+K)				1,81,473.00
II	11 KV LINE PROTECTING GUARDING -1 No.				
1	Guarding Channel 75X40X4.8 mm, 7.14 KG/Mtr., each channel length 2.2 mtr., 4 no's channel required =(4x7.14x1.2)(For Single Pole)	Kg	62.832	102.00	6408.86
2	No-6 GI wire (0.192 Kg/Mtr.)for main string	Kg	23.04	102.00	2350.08
3	No-8 GI wire (0.131 Kg/mtr.)for lacing	Kg	4.9125	102.00	501.08
4	Eye Bolt(236 mm,16 mm dia,1.577 Kg/mtr.)	No	4	136.00	544.00
5	GI Pipe earthing 40 mm dia 3 Mtr. Long	No	2	1428.00	2856.00
6	50x6mm GI Flat for earthing, 2.36kg/mtr.	Kg	50.504	102.00	5151.41
A	TOTAL MATERIAL COST)				17,811.43
B	Stock, Storage & Insurance @ 3% of A				534.34
C	Sub Total (C=A+B)				18,345.77
D	Contingency @3% of C				550.37
E	T & P 2% of C				308.08
F	Transportation @ 7.5% of C				1,375.93
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				1,540.41
J	Sub Total Rs.				22,120.57
7	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	2	3784.73	7,569.46
	Total Rs.				29,690.03
III	INSTALLATION OF 250 KVA S/S				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2	34153.68	68307.36
2	9 Mtr Long 300 KG PSC Pole	No	2	4080.00	8,160.00
3	Pole Clamp for Eye Hook for XLPE Areial bunched cable	Pair	3	272.00	816.00
4	Eye Hook for XLPE Areial Bunched Cable	No	3	81.60	244.80
5	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable	No	3	88.40	265.20

6	LT Cable raising Channel(GI) 75x40x4.8 mm GI Channel(GI) (1000 mm long)(7.14Kg./Mtr., 3 No's.) (Each 3x1.000x7.14= 21.42 Kg)	Kg	42.84	102.00	4369.68
7	Top Channel(GI) GI 100 X 50 X 6 MM (3000 mm long) (9.56Kg./Mtr., 2 No's.) (Each 2x3.000x9.56= 57.36 Kg)	Kg	57.36	102.00	5850.72
8	Fish Plate(GI) 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 6 no's required = (6x2.36x0.280)	Kg	3.9648	102.00	404.41
9	AB Switch Mounting Channel(GI) 75x40x4.8 mm GI Channel(GI) (3000 mm long)(7.14Kg./Mtr., 2 No's.) (Each 2x3.000x7.14= 42.84 Kg)	Kg	42.84	102.00	4369.68
10	AB Switch Side Support Channel(GI) 100X50X6mm,9.56 KG/Mtr., each Channel(GI) length 0.35 mtr., 2 no's Channel(GI) required =(9.56x2x0.35)	Kg	6.69	102.00	682.38
11	Channel(GI) Support for down Pipe 75X40X 4.8mm., 7.14KG/Mtr., each Channel(GI) length 0.8 Mtr., 1 no's Channel(GI) required =(7.14x0.8x1)	Kg	5.71	102.00	582.42
12	HG/ DO Fuse Mounting Channel(GI) 75x40x4.8 mm GI Channel(GI) (3000 mm long)(7.14Kg./Mtr., 2 No's.) (Each 2x3.000x7.14= 42.84 Kg)	Kg	42.84	102.00	4369.68
13	Cantilever Support Channel(GI) 75x40x4.8 mm GI Channel(GI) (810 mm long,2 No's.) (7.14Kg./Mtr., 2 No's.) (Each 2x0.810x7.14= 11.57 Kg)	Kg	11.57	102.00	1180.14
14	Cantilever Support Angle(GI) 50 X 50 X 6MM GI (1282 mm long) (4.5Kg./Mtr, 2 No's.) (Each 2x1.282x4.5= 11.54Kg)	Kg	11.54	102.00	1177.08
15	Double Pole Belting Channel(GI) 75X40X 4.8mm., 7.14KG/Mtr., each Channel(GI) length 3.0 Mtr., 2 no's Channel(GI) required =(7.14x3x2)	Kg	42.84	102.00	4369.68
16	50x50x6 mm GI Bracing angle ,4.5 kg/Mtr.,each angle(GI) Length 3.512 Mtr.,2 Nos. angle(GI) required	Kg	31.61	102.00	3224.22
17	50x6mm Flat(GI) for earthing, 2.36kg/mtr., (2.5x7 mtr. For mesh formation, 12 Mtr. For LA and 2.5 mtr. For raising, 11 mtr for AB switch, 2.8 mtr for HG Fuse, 5x2 mtr. for DTR Nutral, (1.3+4.5) mtr. For DTR Body, 0.500 mtr for LTDB & AB Switch operating handle, 3 mtr. for Fencing) (Each 65.6x 2.36= 154.81 Kg)	Kg	154.82	102.00	15791.64
18	250 KVA ,11/0.4 KV (CU) Transformer with Tap changer BIS Energy Level II	No	1	601213.06	601213.06
19	LT Distribution Box with MCCB, Aluminium Busbar for 3 Bay with kit kat fuse for 250 KVA S/S	No	1	65280.00	65280.00
20	55mm ² ACSR - PVC Insulated (50 Mtr. Each Dtr.)	Mtr	50	55.24	2762.00
21	1 Cx 400 mm ² LT XLPE Cable(Un-Armoured)	Mtr	120	363.08	43569.60
22	LT Cable Supporting Channel(GI) 100 X 50 X 6 MM GI Channel (2000 mm long)(9.56 Kg./Mtr., 2 No's.) (Each 2x2x9.56= 28.56 Kg)	Mtr	38.24	102.00	3900.48
23	LT Cable Supproting Angle(GI), 50x50x6mm.GI 4.5Kg./mtr., each Angle(GI) length 2 mtr., 4 nos Angle(GI) required = (4.5x4x2)	Set	36	102.00	3672.00
24	Supply of 1.1 KV , 4 core ,150 sq. mm XLPE Insulation armoured Aluminium UG cable from LTDB to Pole	Mtr.	60	803.39	48203.40
25	AB Switch(11KV,200A.3pole,50Hz)	EA	1	9996.00	9996.00
26	H.G.Fuse(11KV.200A.3Pole)	EA	1	8323.20	8323.20
27	WEDGE CONNECTOR FOR 55 SQMM.CONDUCTOR	No	6	146.20	877.20
28	POLYCARBONATE BIRD GUARD	No	6	20.96	125.76
29	Disc insulator (B&S)70 KN polymer	No	3	1564.00	4692.00
30	H W fitting (B&S)70KN(3bolted)	No	3	476.00	1428.00
31	Lightning Arrester(12KV,10KA) Station Class 2	Set	3	4828.00	14484.00
32	11KV pin insulator polymer	No.	3	272.00	816.00
33	HT stay set complete	No	2	1428.00	2856.00
34	HT stay Clamp (1.9Kg/pair)	Pair	2	170.00	340.00
35	HT stay insulator TYPE-C	No	2	68.00	136.00
36	7/10 SWG GI stay wire, Grade -2 (15Kg./ Set)	Kg	30	102.00	3060.00
37	40 mm Nominal bore GI pipe (medium gauge) earthing device with 3 mtr .Long	No	7	1428.00	9996.00
38	GI Nuts & Bolts of Assorted size (25 Kg/ DSS DP)	Kg	25	106.08	2652.00
39	GI Barbed wire/Anticlimbing device (3Kg /Pole)	Kg	6	108.80	652.80

40	Back Clamp for anticlimbing device 25X3 mm. Flat(GI), 0.59Kg/Mtr. Flat(GI) of 0.510mtr length 8 no's = (8x0.59x0.510)	Kg	2.4072	102.00	245.53
41	Danger plate 11kv	No	2	108.80	217.60
42	Back Clamp for danger Plate 25X3 mm. Flat(GI), 0.59Kg/Mtr. Flat(GI) of 0.510mtr length 2 no's = (2x0.59x0.510)	Kg	0.6018	102.00	61.38
43	Name plate	No	1	108.80	108.80
44	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr	2	167.46	334.92
45	Black paint (GIS Numbering & Zebra stripping)	Ltr	1	299.20	299.20
A	A. Sub total				9,54,468.03
B	B. Stock, Storage & Insurance @ 3% of A				28,634.04
C	Sub Total (C=A+B)				9,83,102.07
D	T&P @ 2% of C				17,433.91
E	Contingency @ 3% of C				29,493.06
F	Transportation @ 7.5% of C				73,732.66
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				34,480.30
H	Erection Charges @ 20% on PSC Poles				1,680.96
I	Erection Charges @ 10% for other materials				17,368.46
J	Total				11,57,291.42
46	Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	Cu. Mtr	0.9	6648.85	5,983.97
47	Couping Ratio 1:1:5:3 with dimension(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	Cu. Mtr	0.226	6648.85	1,502.64
48	PCC ratio 1:3:6(M-10 Grade) For DSS Area (3.52X2.5X0.1)= 0.875 Cu. mtr.	Cu. Mtr	0.875	5247.48	4,591.55
49	Fixing of stay set with 0.5 cum cement concret foundation 1:3:6 size (900x 600x900 mm) using 40 mm BHG metal with all labour and material except stay wire, stay set,stay insulator.	No	2	2301.53	4,603.06
50	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	7	3784.73	26,493.11
51	LT DB Plinth	No	1	6000.00	6,000.00
52	DTR Plinth	No	1	28000.00	28,000.00
53	Laying of 4Cx150 sq.mm LT XLPE cable	Mtr.	60	73.65	4,419.00
54	Laying of 1.1 KV cable from 400 to 1000 sq. mm	Mtr.	120	96.66	11,599.20
55	Supply and Erection of GI fencing with Gate	RM	18	3682.44	66,283.92
56	Supply and erection of GI Pipe of dia. 150mm, Class-B (8Mtr.)	Mtr.	24	1496.91	35,925.84
57	Concreting Ratio 1:1:5:3(500 mmx500mmx1500 mm)=0.375 Cu. Mtr.	Cu. Mtr	0.75	6648.85	4,986.64
58	Supply of AL Lugs suitable for 400 sq mm cable/conductor, Crimping with cable and Fixing/connecting include supply and erection of PVC Tape as per voltage requirement.	EA	16	322.21	5,155.36
59	Supply of AL Lugs suitable for 150 sq mm cable/conductor, Crimping with cable and Fixing/connecting include supply and erection of PVC Tape as per voltage requirement.	EA	24	156.50	3,756.00
60	Supply and erection of double Compression Flameproof Type Glanding for armored Cable 1 C 300-1000 sqmm including making hole in Base plate and dressing of cable along with vermin proofing properly .Supply to be done as per TPCODL Spec and approved make dowells.	EA	8	1227.48	9,819.84

61	Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4C 120-185 sqmm including making hole in Base plate and dressing of cable along with vermin proofing properly .Supply to be done as per TPCODL Spec and approved make dowells.	EA	3	920.61	2,761.83
					2,21,881.95
				Sub total Rs	13,79,173.36
IV	Construction of LT UG LINE of 0.04 Km.				
	Length of 1.1 KV, 4C, 70 sq. mm cable(Open trench)along with spare	Km	0.04		
1.1	4 core 70 sq. mm XLPE insulation armoured -Aluminium UG Cable	Mtr	120	342.37	41,084.40
2	supply of 1.1 KV Multimeter Panel				
a	No. of 1.1 KV I/C -160 A & 10 Nos. of O/G 32 A				
2.1	Supply of 1.1 KV I/C-160 A & 10 Nos. of O/G 32A	No	2	125000.00	2,50,000.00
3	Earthing of Multimeter Panel				
3.1	Earthing conductor 50x6mm (2.4 Kg/Mtr.)GI flat for equipment ,structure etc.)	Kg	26.4	102.00	2,692.80
3.2	40 mm Nominal bore GI pipe (medium gauge) earthing device with 3 Mtr. Long	Nos	4	1428.00	5,712.00
A				A. Sub total	2,99,489.20
	Erection Portion				
1	Laying ,commissioning ,Testing of 1.1 KV , Aluminium, XLPE insulation armoured UG cable by open trench method				
1.1	Laying of 1.1 KV ,4 core 70 sq. mm XLPE insulation armoured-Aluminium UG cable	Mtr	120	47.87	5,744.40
2	SITC of Gland /AL term				
2.1	Supply and erection of double compression flameproof type glanding for armoured cable 3.5/4 core ,50-95 sq. mm including making hole in Base plate and dressing of cable along with vermin proofing properly .supply to be done as per TPCODL specification and approved make dowells	EA	6	690.46	4,142.76
					9,887.16
Civil Portion					
2	Civil works with supply of all materials like cement, MS tor rod, brick, coarse & fine aggregates and labour, T&P, etc for LT UG Cable Trench				
2.1	Earth work excavation of soil Trench Dimension(1.6 Mtr. Wx1.275 Mtr. D)	Cum	42.84	716.03	30,674.73
2.2	Earth work excavation of hard rock Trench Dimension(1.6 Mtr. Wx1.275 Mtr. D)	Cum	18.35999	1,759.39	32,302.38
2.3	Back filling with excavated soil outside and above the trench	Cum	17.325	204.58	3,544.35
2.4	PCC(1:3:6)M-10 grade below trench (width 1500 mm ,thickness 75 mm throughout)	Cum	3.375	5,247.48	17,710.25
2.5	Supply and Erection of material for RCC partition Slab 750 mmx100 mm(M-25 Grade)	Cum	2.925	7,483.54	21,889.35
2.6	Supply and Erection of material for RCC trench,150 mm thick(M-25 Grade)	Cum	13.95	7,483.54	1,04,395.38
2.6	Supply and erection of Rod ,bending ,cutting and binding of prefabricated RCC trench(65.23 Kg/cum)	Kg	909.9585	111.50	1,01,460.37
2.7	Supply and erection of Rod ,bending ,cutting and binding of prefabricated RCC slabs(67.8 Kg/cum)	Kg	198.315	111.50	22,112.12
2.8	Concreting and shuttering of Mass Concrete	M2	117	307.89	36,023.13

2.9	Structural steel work riveted Channel (GI-75x40x4.8 mm)GI Flat -75x6 mm	Kg	85.41	130.00	11,103.30
3	Civil works for Prefabricated RCC foundation with supply of all materials				
3.1	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	Set	4	3,784.73	15,138.92
Sub Total (Civil Portion) (in Rs.)					3,96,354.28
A	Sub Total (Supply Portion)				2,99,489.20
B	Stock, Storage & Insurance @ 3 % of A				8,984.68
C	Sub Total (A+B)				3,08,473.88
D	Contingency @ 3 % of C				9,254.22
E	Tools & Plants Charges @ 2% of C (considered for multimeter panel and earthing items)				5,205.47
F	Transportation @ 7.5% of C				23,135.54
G	Erection Charges @ 10% of earthing items				26,027.36
H	Total (C+D+E+F+G)				3,72,096.46
I	Sub Total (Erection Portion + Civil Portion)				4,06,241.44
J	Total Cost (H+I)				7,78,337.91
	Sub Total Rs.				25,33,775.04
	Cess @ 1%				25,337.75
	Total Estimated Cost				25,59,112.79
	Total Estimated Cost in Figures				25,59,113.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)		_____ %		
Quoted Amount in Figure					
Quoted Amount in word					

N:B- The Estimated cost is exclusive of GST.

Signature of Tenderer with seal

Sd/-
Asst. Project Manager (Elect)

Sd/-
D.M (Elect)

Sd/-
Project Manager (Elect)