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 BUS STAND AT PAIKAPADAPATNA ("B" TYPE) (PHASE-II OF ABS SCHEME) UNDER NARASINGHPUR BLOCK IN THE DISTRICT OF CUTTACK.

BID REF NO :-48/PM/ELECT/OPHWC/2025-26

NAME & ADDRESS OF THE FIRM	

SCHEDULE OF WORKS

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) 160x152 mm (11 Mtr. Long ,30.44 Kg/Mtr.)	No	1	36,804.27	36,804.27
2	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =(4x9.56x1.2)	Kg	22.944	106.50	2,443.54
3	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	5.286	106.50	562.96
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	106.50	623.03
5	Danger plate	No	1	113.60	113.60
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	0.3	106.50	31.95
7	GI barbed wire/Anticlimbing device	No	3	113.60	340.80
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	1.2	106.50	127.80
9	11 KV pin insulator polymer	Set	3	284.00	852.00
10	H W fitting(B&S) 70KN, 3Bolt	No.	6	497.00	2,982.00
11	Disc insulator (B&S) 70 KN polymer	No.	6	1,633.00	9,798.00
12	Earthing of Support (Coil Type)	No	1	235.72	235.72
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.26	106.50	27.69
14	Non metallic ties -11 KV 55 sq. mm covered AAAC	No	3	251.00	753.00
15	IPC for 55 sq. mm AAAC(For covered conductor)	No	6	550.00	3,300.00
16	Spike GI using 50x6 mm GI Flat welded with 8 mm square bar(2 Nos. of spike per set in each pole)	No	2	332.00	664.00

17	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	3.55	110.76	393.20
18	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr	2	216.00	432.00
19	Black paint (GIS Numbering & Zebra stripping)	Ltr	0.5	312.40	156.20
A	**A. Sub total**				**60,641.75**
B	**B. Stock, Storage & Insurance @ 3% of A**				**1,819.25**
C	**Sub Total (C=A+B)**				**62,461.00**
D	**T&P @ 2% of C**				**1,249.22**
E	**Contigency @ 3% of C**				**1,873.83**
F	**Transportation @ 7.5% of C**				**4,684.58**
	Erection Charges @ 5% on poles				**1,895.42**
G	**Erection Charges @ 10%**				**2,455.27**
H	**Total**				**74,619.32**
20	Concreting Ratio 1:1:5:3(500 mmx500mmx1800mm)=0.45 Cu. Mtr.	Cum	0.45	6,648.85	**2,991.98**
21	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	Cum	0.1125	6,648.85	**748.00**
	Total Material + Services Cost (J+K)				**78,359.29**
B	**11 KV CUT POINT WITH 90 DEGREE ANGLE**				
1	WPB(GI) 160x152 mm (11 Mtr. Long ,30.44 Kg/Mtr.)	No	1	36,804.27	36,804.27
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	106.50	4,887.07
3	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	10.5728	106.50	1,126.00
4	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 0.306 mtr., 4 no's channel required =(42x9.56x0.306)	Kg	11.7014	106.50	1,246.20
5	Danger plate	No	1	113.60	113.60
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	106.50	32.05
7	GI barbed wire/Anticlimbing device	No	3	113.60	340.80
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	106.50	128.18
9	11 KV pin insulator polymer	Set	5	284.00	1,420.00
10	H W fitting(B&S) 70KN, 3Bolt	No.	9	497.00	4,473.00
11	Disc insulator (B&S) 70 KN polymer	No.	9	1,633.00	14,697.00
12	Earthing of Support (Coil Type)	No	1	235.72	235.72
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	106.50	27.90
14	Non metallic ties -11 KV 55 sq. mm AAAC	No	4	251.00	1,004.00
15	IPC for 55 sq. mm AAAC(For covered conductor)	No	6	550.00	3,300.00
16	Spike GI using 50x6 mm GI Flat welded with 8 mm square bar(2 Nos. of spike per set in each pole)	Set	2	332.00	664.00

17	H.T. Stay clamp, 50x8 mm. Flat(GI), 3.14Kg/Mtr., 0.551 Mtr. Length, 2 no's qty. required (1 Pair)	EA	2	177.50	355.00
18	H.T. Stay set (Complete)	SET	2	1,491.00	2,982.00
19	H.T. Stay Insulator Type-C	EA	2	71.00	142.00
20	7/10 SWG Stay Wire 15kg /stay	KG	30	106.50	3,195.00
21	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	7.433	110.76	823.28
22	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr	2	216.00	432.00
23	Black paint (GIS Numbering & Zebra stripping)	Ltr	0.5	312.40	156.20
A	**A. Sub total**				**78,585.28**
B	**B. Stock, Storage & Insurance @ 3% of A**				**2,357.56**
C	**Sub Total (C=A+B)**				**80,942.84**
D	**T&P @ 2% of C**				**1,481.37**
E	**Contigency @ 3% of C**				**2,428.29**
F	**Transportation @ 7.5% of C**				**6,070.71**
	Erection Charges @ 5% on poles				**1,895.42**
G	**Erection Charges @ 10%**				**3,616.02**
H	**Total**				**96,434.65**
24	Fixing of complete 11KV 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 BA will do the excvation including excvation, 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 & Standard.	No	2	2,301.53	**4,603.06**
25	Concreting ratio 1:1.5:3(M-20 Grade) (500mmX500mmX1800mm) = 0.45Cu.mtr(Per Pole)	Cum	0.45	6,648.85	**2,991.98**
26	Couping ratio 1:1.5:3(M-20 Grade) with dimension (500X500X450)= 0.1125 Cu mtr(Per Pole)	Cum	0.1125	6,648.85	**748.00**
	Total Material + Services Cost (J+K)				**104,777.68**
C	**11 KV PIN POINTS WITH WPB**				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	1	36,804.27	36,804.27
2	11 KV V cross arm	No	1	1,150.20	1,150.20
3	Top Bracket 100x50x6 mm GI channel(2 Kg each)	No	1	213.00	213.00
4	Danger plate	No	1	113.60	113.60
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	0.3	106.50	31.95
6	GI barbed wire/Anticlimbing device	No	3	113.60	340.80

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	1.2	106.50	127.80
8	11 KV Pin Insulator Polymer,3 Nos.,required for each support	No	3	284.00	852.00
9	Earthing of Support (Coil Type)	No	1	235.72	235.72
10	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	106.50	27.90
11	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	1.45	110.76	160.60
12	55 sq. mm AAAC XLPE covered conductor	Mtr.	247.20	99.74	24,655.73
13	Yellow colour paint for Background	Ltr	2	216.00	432.00
14	Black colour paint for numbering	Ltr	1	312.40	312.40
15	Non metallic ties -11 KV 55 sq. mm AAAC	No	3	251.00	753.00
16	Spike GI using 50x6 mm GI Flat welded with 8 mm square bar(2 Nos. of spike per set in each pole)	Set	2	332.00	664.00
A				**A. Sub total**	**66,874.97**
B				**B. Stock, Storage & Insurance @ 3% of A**	**2,006.25**
C				**Sub Total (C=A+B)**	**68,881.22**
D				**T&P @ 2% of C**	**1,377.62**
E				**Contigency @ 3% of C**	**2,066.44**
F				**Transportation @ 7.5% of C**	**5,166.09**
				Erection Charges @ 5% on poles	**1,895.42**
G				**Erection Charges @ 10%**	**3,097.82**
H				**Total**	**82,484.61**
16	Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	Cum	0.45	6,648.85	**2,991.98**
17	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	Cum	0.1125	6,648.85	**748.00**
	Total Material + Services Cost (J+K)				**86,224.59**
II	**11 KV LINE PROTECTING GUARDING FOR ROAD CROSSING.**				
1	Guarding Channel 75X40X4.8 mm, 7.14 KG/Mtr., each channel length 2.2 mtr., 4 no's channel required =(4x7.14x1.2)	Kg	62.832	106.50	6,691.61
2	No-6 GI wire (0.192 Kg/Mtr.)for main string	Kg	7.68	106.50	817.92
3	No-8 GI wire (0.131 Kg/mtr.)for lacing	Kg	1.64	106.50	174.39
4	Eye Bolt(236 mm,16 mm dia,1.577 Kg/mtr.)	No	4	193.12	772.48
5	GI Pipe earthing 40 mm dia 3 Mtr. Long	No	2	1,491.00	2,982.00
6	50x6mm GI Flat for earthing, 2.36kg/mtr.	Kg	50.504	106.50	5,378.68
A				**TOTAL MATERIAL COST**	**16,817.08**
B				**Stock, Storage & Insurance @ 3% of A**	504.51
C				**Sub Total (C=A+B)**	**17,321.59**
D				**Contingency @3% of C**	**519.65**
E				**T & P 2% of C**	**285.00**
F				**Transportation @ 7.5% of C**	**1,299.12**
G				**Erection Charges for PSC Pole @ 20%**	
H				**Erection Charges of DTR and Joist Poles @ 5%**	

I	**Erection Charges of other @ 10%**				**1,425.01**
J	**Sub Total Rs.**				**20,850.37**
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	3,784.73	**7,569.46**
	Total Rs.				**28,419.83**
III	**INSTALLATION OF 250 KVA S/S.**				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2	36,804.27	73,608.54
2	Top channel GI 100x50x6 mm 3000 mm Long(9.56 kg/Mtr.,2 Nos.)	Kg	57.36	106.50	6,108.84
3	Fish Plate 50x6 mm ,2.36 Kg/Mtr.,each 0.280 Mtr., 6 nos. required	Kg	3.9648	106.50	422.25
4	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	106.50	4,562.46
5	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	106.50	712.49
6	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	106.50	608.12
7	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	106.50	4,562.46
8	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	106.50	1,232.21
9	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	106.50	1,229.01
10	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	106.50	4,562.46
11	50x50x6mm.GI Bracing Angle(GI), 4.5Kg./mtr., each Angle(GI) length 3.512 mtr., 2 nos Angle(GI) required = (4.5x3.512x2)	Kg	31.61	106.50	3,366.47
12	50x6mm GI Flat for earthing, 2.36kg/mtr., (12.5 Mtr. For L.A, 3 Mtr for AB Switch Body, 2.5 mtr. For mesh formation and 2.5 mtr. For raising)= 20.5x2.36	Kg	154.82	106.50	16,488.33
13	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	619,789.27	619,789.27
14	LT Distrubution Box with MCCB, Aluminim Busbar of 3 Bay with kit kat Fuse for 250 KVA S/S.	No	1	68,160.00	68,160.00
15	55 sq. mm AAAC XLPE covered conductor	Mtr	50	99.74	4,987.00

16	1Cx400 sq. mm LT XLPE cable	Mtr	120	363.08	43,569.60
17	LT Cable Supporting Channel(GI) 100 X 50 X 6 MM GI Channel(GI) (2000 mm long)(9.56 Kg./Mtr., 2 No's.) (Each 2x2x9.56= 28.56 Kg)	Kg	38.24	106.50	4,072.56
18	LT Cable Supproting Angle(GI), 50x50x6mm.GI 4.5Kg./mtr., each Angle(GI) length 2 mtr., 4 nos Angle(GI) required = (4.5x4x2)	Kg	36	106.50	3,834.00
19	11 KV AB switch (200 Amp, 3 pole)	Set	1	10,437.00	10,437.00
20	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8,690.00	8,690.00
21	Wedge connector for 55 sq. mm conductor	EA	6	100.00	600.00
22	Polycarbonate Bird Guard	No	6	29.40	176.40
23	11 KV Disc insulator polymer type 70 KN	No	3	1,633.00	4,899.00
24	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
25	11 KV LA (12KV,10 KA)station class-2	No	3	5,041.00	15,123.00
26	11 KV Pin Insulator polymer type	No	3	284.00	852.00
27	HT Stay Set (Complete)	Set	2	1,491.00	2,982.00
28	HT Stay Insulator	No.	2	177.50	355.00
29	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	71.60	143.20
30	7/10 SWG Stay Wire	KG	30	106.50	3,195.00
31	GI Pipe for earthing 40mm dia 3mtr long	No	7	1,491.00	10,437.00
32	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2,769.00
33	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
34	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.4072	106.50	256.37
35	Danger plate	Kg	2	113.60	227.20
36	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.6018	106.50	64.09
37	Name Plate	No	1	113.60	113.60
	Structure Numbering and marking				
38	Yellow colour paint for Background	Ltr	2	216.00	432.00
39	Black colour paint for numbering	Ltr	1	312.40	312.40
A	**A. Sub total**				**926,112.91**
B	**B. Stock, Storage & Insurance @ 3% of A**				**27,783.39**
C	**Sub Total (C=A+B)**				**953,896.30**
D	**T&P @ 2% of C**				**17,827.87**
E	**Contigency @ 3% of C**				**28,616.89**
F	**Transportation @ 7.5% of C**				**71,542.22**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**35,709.98**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**17,719.39**
J	**Total**				**1,125,312.65**
40	Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	Cum	0.9	6648.85	5,983.97
41	Couping Ratio 1:1:5:3 with dimension(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	Cu. Mtr	0.226	6648.85	1,502.64
42	PCC ratio 1:3:6(M-10) grade for DSS area (3.5x2.5x0.1)=0.875 Cu Mtr.	Cu. Mtr	0.875	5247.48	4,591.55

43	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
44	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
45	LT DB Plinth	No	1	6000.00	6,000.00
46	DTR Plinth upto 1000 KVA	No	1	28000.00	28,000.00
47	Laying of 1Cx400 sq.mm LT XLPE cable	Mtr.	120	96.66	11,599.20
48	Supply and Erection of GI fencing with Gate	Sq. Mtr.	18	3682.44	66,283.92
49	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.	**No**	**16**	322.21	5,155.36
48	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.	No	24	156.50	3,756.00
50	Supply and erection of double Compression Flameproof Type Glanding for armored Cable 1C 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.	No	8	1227.48	9,819.84
					173,788.64
	Sub total Rs				**1,299,101.29**
PART-III	**a.Supply and Laying of 1.1 KV LT U/G Line of 160 Mtr. using 1.1 KV , 4 C x 150 Sq. mm XLPE Insulation armoured-Aluminium UG cable without spare from LTDB to Feeder panel 1 & 2 in RCC Trench method.** **b.Supply and Laying of 1.1 KV LT U/G Line of 20 Mtr. using 1.1 KV , 4 C x 70 Sq. mm XLPE Insulation armoured-Aluminium UG cable with one Run spare from Feeder panel to MMP.** **Supply and Installation of LT Feeder Pillar Box-2 Nos.** **Supply and Installation of Multimetering Panel -4 Nos.**				
1	Supply of materials for 1.1 KV XLPE insulation armoured UG cablele with accessories-Open trench (along with spare cable)				
a	Length of 1.1 KV, 4C, 150 sq. mm XLPE insulation armoured-Aluminium UG Cable(open trench)	Mtr.	160		
a	Length of 1.1 KV, 4C, 70 sq. mm XLPE insulation armoured-Aluminium UG Cable(open trench)	Mtr.	20		
1.1	Supply of 1.1 KV ,4 core, 150 sq. mm XLPE insulation armoured - Aluminium UG Cable	Mtr	160	805.08	128,812.80
1.1	Supply of 1.1 KV ,4 core, 70 sq. mm XLPE insulation armoured - Aluminium UG Cable	Mtr	40	342.37	13,694.80
2	supply of 1.1 KV Multimeter Panel				

a	No. of 1.1 KV I/C -160 A & 20 Nos. of O/G 32 A	No	2		
2.1	Supply of 1.1 KV I/C-250 A & 29 Nos. of O/G 32A	Nos	5	212,000.00	1,060,000.00
a	No. of 1.1 KV I/C -160 A & 10 Nos. of O/G 32 A	No	2		
2.1	Supply of 1.1 KV I/C-160 A & 20 Nos. of O/G 32A	No	2	207,000.00	414,000.00
2.2	Supply of 1.1 KV I/C-160 A & 10 Nos. of O/G 32A	No	2	125,000.00	250,000.00
3	**Earthing of Multimeter Panel**				
3.1	Earthing conductor 50x6mm (2.4 Kg/Mtr.)GI flat for equipment ,structure etc.)	Kg	52.8	106.50	5,623.20
3.2	40 mm Nominal bore GI pipe (medium gauge) earthing device with 3 Mtr. Long	Nos	8	1,491.00	11,928.00
4	**LT FEEDER PILLAR BOX**				
4.1	LT FEEDER PILLAR BOX 400A,1PH-9,3PH-3NOS Material of the LT feeder pillar enclosure, Fabricated with GI , 3mm thickness of body & 2mm Door., I/C MCCB with protection feature & prefer make,,400 Amp MCCB, 30KA TP MCCB -02 Nos. O/G 3 pole MCCBs with prefer make,,O/G 3pole MCCB- 100 Amp-03 Nos. O/G 2 pole MCBs with prefer make,,O/G 2pole MCCB- 63 Amp-09 Nos.	Nos	2	220,508.48	441,016.96
5	**Earthing of Multimeter Panel**				
5.1	Earthing conductor 50x6mm (2.4 Kg/Mtr.)GI flat for equipment ,structure etc.)	Kg	26.4	106.50	2,811.60
5.2	40 mm Nominal bore GI pipe (medium gauge) earthing device with 3 Mtr. Long	Nos	4	1,491.00	5,964.00
A	**A. Sub total**				**1,273,851.36**
	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 150 sq. mm XLPE insulation armoured-aluminium UG cable	Mtr	160	73.65	**11,784.00**
1.1	Laying of 1.1 KV ,4 core 70 sq. mm XLPE insulation armoured-aluminium UG cable	Mtr	40	47.87	1,914.80
2	**Installation, Testing & Comissioning of 1.1 KV Feeder pillar Box**				
2.1	Installation, Testing & Comissioning of Feeder Pillar /Minipillar Type as per TPCODLspecification on existing Structure/foundation. Scope of work exclude construction of foundation (brick work, concreting etc) and earthing	EA	2	3,105.52	6,211.04
3	**SITC of Gland /AL term**				

3.1	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	16	690.46	11,047.36
3.2	Supply and erection of double compression flameproof type glanding for armoured cable 3.5/4 core ,120-185 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	920.61	5,523.66
					36,480.86
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	125.664	716.03	89,979.19
2.2	**Earth work excavation of hard rock Trench Dimension(1.6 Mtr. Wx1.275 Mtr. D)**	Cum	53.856	1,759.39	94,753.71
2.3	Back filling with excavated soil outside and above the trench	Cum	50.82	204.58	10,396.76
2.4	PCC(1:3:6) (M-10 Grade)below trench (width 1500 mm ,thickness 75 mm throughout)	Cum	9.9	5,247.48	51,950.05
2.5	Supply and Erection of material for RCC partition Slab 750 mmx100 mm(M-25 Grade)	Cum	8.58	7,483.54	64,208.77
2.6	Supply and Erection of material for RCC trench,150 mm thick(M-25 Grade)	Cum	40.92	7,483.54	306,226.46
2.6	Supply and erection of Rod ,bending ,cutting and binding of prefabricated RCC trench(0.6523 Quint/cum	Kg	2669.21	111.50	297,617.14
2.7	Supply and erection of Rod ,bending ,cutting and binding of prefabricated RCC slabs(0.678 Quint/cum)	Kg	581.724	111.50	64,862.23
2.8	Concreting and shuttering of Mass Concrete	M2	343.2	307.89	105,667.85
2.9	Structural steel work riveted Channel (GI-75x40x4.8 mm)GI Flat -75x6 mm	Kg	250.536	130.00	32,569.68
3	**Civil works for Prefabricated RCC foundation with supply of all materials**				
3.1	Civil Cost for making foundation of feeder Pillar as per TPCODL Drawing.	EA	2	14,640.46	29,280.92

3.2	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	12	3,784.73	45,416.76
	Sub Total (Civil Portion) (in Rs.)				**1,192,929.51**

A	**Sub Total (Supply Portion)**	**1,273,851.36**
B	**Stock, Storage & Insurance @ 3 % of A**	**38,215.54**
C	**Sub Total (A+B)**	**1,312,066.90**
D	**Contingency @ 3 % of C**	**39,362.01**
E	**Tools & Plants Charges @ 2% of C (considered for multimeter panel and earthing items)**	**13,852.16**
F	**Transportation @ 7.5% of C**	**98,405.02**
G	**Erection Charges @ 10% of earthing items and Multimeter Panel**	**69,260.78**
H	**Total (C+D+E+F+G)**	**1,532,946.87**
I	**Sub Total (Erection Portion + Civil Portion)**	**1,229,410.37**
J	**Total Cost (H+I)**	**2,762,357.24**
	Sub Total Rs.	**4,359,239.92**
	Cess @ 1%	**43592.40**
	Total Estimated Cost	**4,402,832.32**
	Total Estimated Cost in Figures	**4,402,832.00**

EXCESS	☐ LESS ☐ (Please Tick)	In Figure ______________ % In word __________________________________%
Quoted Amount in Figure		
Quoted Amount in word		

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

Signature of Tenderer with seal

Asst. Project Manager (Elect) **Dy. Manager (Elect)**

Project Manager (Elect)