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 :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO TRUCK TERMINAL AT KUHUDI IN THE DISTRICT OF KHURDA.

BID REF NO :- 19/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 90 DEGREE ANGLE**				
1	WPB(GI) 160x152 mm (11 Mtr. Long ,30.44 Kg/Mtr.)	No	3	36804.27	110412.81
2	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =(4x9.56x1.2)	Kg	137.664	106.50	14661.22
3	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	31.7184	106.50	3378.01
4	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 0.306 mtr., 4 no's channel required =(42x9.56x0.306)	Kg	35.10432	106.50	3738.61
5	Danger plate	No	3	113.60	340.80
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	0.9027	106.50	96.14
7	GI barbed wire/Anticlimbing device	No	9	113.60	1022.40
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	3.6108	106.50	384.55
9	11 KV pin insulator polymer	Set	13	284.00	3692.00
10	H W fitting(B&S) 70KN, 3Bolt	No.	21	497.00	10437.00
11	Disc insulator (B&S) 70 KN polymer	No.	21	1633.00	34293.00
12	Earthing of Support (Coil Type)	No	3	235.72	707.16
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.786	106.50	83.71
14	Non metallic ties -11 KV 55 sq. mm AAAC	No	13	251.00	3263.00
15	IPC for 55 sq. mm AAAC(For covered conductor)	No	15	550.00	8250.00
16	Wedge connector for 55 sq. mm conductor	No	6	100.00	600.00
17	Spike GI using 50x6 mm GI Flat welded with 8 mm square bar(2 Nos. of spike per set in each pole)	No	6	332.00	1992.00
18	H.T. Stay clamp, 50x8 mm. Flat(GI), 3.14Kg/Mtr., 0.551 Mtr. Length, 2 no's qty. required (1 Pair)	EA	6	177.50	1065.00
19	H.T. Stay set (Complete)	SET	6	1491.00	8946.00
20	H.T. Stay Insulator Type-C	EA	6	71.00	426.00
21	7/10 SWG Stay Wire 15kg /stay	KG	90	106.50	9585.00
22	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	22.299	110.76	2469.84
23	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr	6	216.00	1296.00

24	Black paint (GIS Numbering & Zebra stripping)	Ltr	1.5	312.40	468.60
A				**A. Sub total**	**2,21,608.84**
B				**B. Stock, Storage & Insurance @ 3% of A**	**6,648.27**
C				**Sub Total (C=A+B)**	**2,28,257.10**
D				**T&P @ 2% of C**	**4152.69**
E				**Contigency @ 3% of C**	**6,847.71**
F				**Transportation @ 7.5% of C**	**17,119.28**
				Erection Charges @ 5% on poles	**5,686.26**
G				**Erection Charges @ 10%**	**9,390.93**
H				**Total**	**2,71,453.98**
25	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**	**6**	**2301.53**	**13,809.18**
26	Concreting ratio 1:1.5:3(M-20 Grade) (500mmX500mmX1800mm) = 0.45 Cu.mtr (Per Pole)	**Cum**	**1.35**	**6648.85**	**8,975.95**
28	Couping ratio 1:1.5:3(M-20 Grade) with dimension (500X500X450)= 0.1125 Cu mtr(Per Pole)	**Cum**	**0.3375**	**6648.85**	**2243.99**
				Total Material + Services Cost (J+K)	**2,96,483.10**
B	**11 KV PIN POINTS WITH WPB**				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	6	36804.27	220825.62
2	11 KV V cross arm	No	6	1150.20	6901.20
3	Top Bracket 100x50x6 mm GI channel(2 Kg each)	No	6	213.00	1278.00
4	Danger plate	No	6	113.60	681.60
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	1.81	106.50	192.77
6	GI barbed wire/Anticlimbing device	No	18	113.60	2044.80
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	7.22	106.50	768.93
8	11 KV Pin Insulator Polymer,3 Nos.,required for each support	No	18	284.00	5112.00
9	Earthing of Support (Coil Type)	No	6	235.72	1414.32
10	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.57	106.50	167.21
11	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	8.7	110.76	963.61
12	55 sq. mm AAAC XLPE covered conductor	Mtr.	1081.50	99.74	107868.81
13	Yellow colour paint for Background	Ltr	6	312.40	1874.40
14	Black colour paint for numbering	Ltr	12	216.00	2592.00
15	Non metallic ties -11 KV 55 sq. mm AAAC	No	18	251.00	4518.00
16	Spike GI using 50x6 mm GI Flat welded with 8 mm square bar(2 Nos. of spike per set in each pole)	No	12	332.00	3984.00
A				**A. Sub total**	**3,61,187.26**
B				**B. Stock, Storage & Insurance @ 3% of A**	**10,835.62**
C				**Sub Total (C=A+B)**	**3,72,022.88**

D				**T&P @ 2% of C**	**7,440.46**
E				**Contigency @ 3% of C**	**11,160.69**
F				**Transportation @ 7.5% of C**	**27,901.72**
				Erection Charges @ 5% on poles	**11,372.52**
G				**Erection Charges @ 10%**	**14,457.25**
H				**Total**	**4,44,355.51**
15	**Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.**	**Cum**	**2.7**	**6648.85**	**17951.90**
16	**Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.**	**Cum**	**0.675**	**6648.85**	**4487.97**
				Total Material + Services Cost (J+K)	**4,66,795.38**
II	**11 KV LINE PROTECTING GUARDING FOR ROAD CROSSING-1 SPAN**				
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	125.664	106.50	13383.22
2	No-6 GI wire (0.192 Kg/Mtr.)for main string	Kg	61.44	106.50	6543.36
3	No-8 GI wire (0.131 Kg/mtr.)for lacing	Kg	13.10	106.50	1395.15
4	Eye Bolt(236 mm,16 mm dia,1.577 Kg/mtr.)	No	8	193.12	1544.96
5	GI Pipe earthing 40 mm dia 3 Mtr. Long	No	4	1491.00	5964.00
6	50x6mm GI Flat for earthing, 2.36kg/mtr.	Kg	101.008	106.50	10757.35
A				**TOTAL MATERIAL COST**	**39,588.04**
B				**Stock, Storage & Insurance @ 3% of A**	1,187.64
C				**Sub Total (C=A+B)**	**40,775.68**
D				**Contingency @3% of C**	**1,223.27**
E				**T & P 2% of C**	**692.66**
F				**Transportation @ 7.5% of C**	**3,058.18**
G				**Erection Charges for PSC Pole @ 20%**	
H				**Erection Charges of DTR and Joist Poles @ 5%**	
I				**Erection Charges of other @ 10%**	**3,463.28**
J				**Sub Total Rs.**	**49,213.07**
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	4	3784.73	15,138.92
	Total Rs.				**64,351.99**
III	**INSTALLATION OF 250 KVA S/S.**				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2	36804.27	73608.54
2	LT Cable raising Channel(GI) 75x40x4.8 mm GI Channel(GI) (1000 mm long)(7.14Kg./Mtr., 6 No's.) (Each 6x1.000x7.14= 42.84 Kg)	Kg	42.84	106.50	4,562.46
3	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	4887.07
4	Fish Plate 50x6 mm ,2.36 Kg/Mtr.,each 0.280 Mtr., 6 nos. required	Kg	3.9648	106.50	422.25
5	AB switch mounting channel 75x40x4.8 mm GI channel, 3000 mm Long (7.14 kg/mtr,2 Nos.)	Kg	42.84	106.50	4562.46
6	AB witch side support channel 100x50x6 mm GI channel (0.35Mtr Long)(9.56 kg/mtr,2 Nos.)	Kg	6.69	106.50	712.49
7	Channel support for down pipe 75x40x4.8 mm GI channel(7.14 kg/mtr,2 Nos.)each channel length 0.8 Mtr.	Kg	5.711	106.50	608.22

8	HG/DO fuse Mounting channel 75x40x4.8 mm GI channel(3000 mm Long) (7.14 kg/mtr,2 Nos.)	Kg	42.84	106.50	4562.46
9	Cantilever suport channel75x40x4.8 mm GI channel(810 mm Long,2 Nos.)(7.14 kg/mtr,2 Nos.)	Kg	11.57	106.50	1232.21
10	Cantilever suport angle 50x50x6 mm GI (1282 mm Long)(4.5 kg/mtr,2 Nos.)	Kg	11.54	106.50	1229.01
11	Double pole Belting Channel 75X40X 4.8mm.,3000 mm Long, 7.14KG/Mtr., 2 Nos.	Kg	42.84	106.50	4562.46
12	50X50X6 mm.GI Bracing Angle,4.5 Kg/Mtr.,3512 mm Long, 4.5KG/Mtr., 2 Nos.	Kg	31.608	106.50	3366.25
13	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	154.81	106.50	16487.27
14	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	619789.27	619789.27
15	LT Distrubution Box with MCCB, Aluminim Busbar of 3 Bay with kit kat Fuse for 250 KVA S/S.	No	1	68160.00	68160.00
16	55 sq. mm AAAC XLPE covered conductor	Mtr	50	99.74	4987.00
17	1Cx400 sq. mm LT XLPE cable	Mtr	120	363.08	43569.60
18	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	4072.56
19	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	3834.00
20	11 KV AB switch (200 Amp, 3 pole)	Set	1	10437.00	10437.00
21	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8690.00	8690.00
22	Wedge connector for 55 sq. mm conductor	EA	9	100.00	900.00
23	Polycarbonate Bird Guard	No	12	29.40	352.80
24	11 KV Disc insulator polymer type 70 KN	No	9	1633.00	14697.00
25	11 KV H/W fitting polymer type	Pair	9	497.00	4473.00
26	11 KV LA (12KV,10 KA)station class-2	No	3	5041.00	15123.00
27	11 KV Pin Insulator polymer type	No	3	284.00	852.00
28	HT Stay Set (Complete)	Set	2	1491.00	2982.00
29	HT Stay Insulator	No.	2	177.50	355.00
30	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	71.60	143.20
31	7/10 SWG Stay Wire	KG	30	106.50	3195.00
32	GI Pipe for earthing 40mm dia 3mtr long	No	7	1491.00	10437.00
33	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2769.00
34	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
35	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
36	Danger plate	Kg	2	113.60	227.20
37	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
38	Name Plate	No	1	113.60	113.60
	Structure Numbering and marking				
39	Yellow colour paint for Background	Ltr	2	216.00	432.00
40	Black colour paint for numbering	Ltr	1	312.40	312.40
A				**A. Sub total**	**9,42,708.83**
B				**B. Stock, Storage & Insurance @ 3% of A**	**28,281.26**
C				**Sub Total (C=A+B)**	**9,70,990.10**
D				**T&P @ 2% of C**	**18,169.77**
E				**Contigency @ 3% of C**	**29,129.70**
F				**Transportation @ 7.5% of C**	**72,824.26**

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**				**19,428.89**
J	**Total**				**11,46,252.70**
41	**Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.**	**Cum**	**0.9**	**6648.85**	**5,983.97**
42	**Couping Ratio 1:1:5:3 with dimension(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.**	**Cu. Mtr**	**0.226**	**6648.85**	**1,502.64**
43	**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**
44	**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**
45	**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**
46	**LT DB Plinth**	**No**	**1**	**6000.00**	**6,000.00**
47	**DTR Plinth upto 1000 KVA**	**No**	**1**	**28000.00**	**28,000.00**
48	**Laying of 1Cx400 sq.mm LT XLPE cable**	**Mtr.**	**120**	**96.66**	**11,599.20**
49	**Supply and Erection of GI fencing with Gate**	**Sq. Mtr.**	**18**	**3682.44**	**66,283.92**
50	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**
51	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**
					1,70,032.64
	Sub total Rs				**13,16,285.34**
IV	**LT Line using 4C×35 mm² (P)+1CX35 mm²(M)+1CX16 mm²(Street Light) (LT AB Cable)- -0.28 Km**				
1	9 Mtr Long 300 KG PSC Pole	No	8	4260.00	34,080.00
2	LT Stay set Complete	Set	5	738.40	3,692.00
3	7/12 SWG GI stay wire, Grade -2	Kg	60	106.50	6,390.00
4	LT stay Clamp (1.40Kg/pair)	Pair	5	156.20	781.00
5	LT Stay insulator	No	5	42.60	213.00
	LT Accessories with Eye Hook and Clamp				
6	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	13	284.00	3,692.00
7	EYE hook for XLPE Aerial bunched Cable	No	10	85.20	852.00
8	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	10	92.30	923.00
9	Suspension Clamp with EYE hook for ABC	No	3	482.80	1,448.40
10	4C×70 mm² (P)+1CX70 mm²(M)+1CX16 mm²(Street Light)(Street Light) (LT AB Cable)	Mtr	294	152.36	44,793.84
11	Insulated piercing connector.Type-B-main 25 to 150 sq.mm & Tap-6 to 35 sq.mm	No	6	62.13	347.93
12	Pipe Earthing (each 5th pole to earth)	No	2	1491.00	2,982.00
13	Coil Earthing	No	6	235.72	1414.32
14	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr.- 2 Mtr. For connecting pole with Coil earthing	Kg	2.1	106.5	223.65

15	Danger plate (LT)	Kg	8	113.6	908.80
16	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	2.41	106.50	256.67
17	GI barbed wire anticlimbing device 3 Kg. Per support	Ltr	24	113.60	2,726.40
18	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	9.63	106.50	1,025.60
19	GI Nut , Bolt & Washer of different sizes (0.5 Kg/ Pole)	Kg	4	110.76	443.04
20	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr.	16	216.00	3,456.00
21	Black paint (GIS Numbering & Zebra stripping)	Ltr	8	312.40	2,499.20
A	**TOTAL MATERIAL COST**				**1,13,148.84**
B	**Stock, Storage & Insurance @ 3% of A**				3,394.47
C	**Sub Total (C=A+B)**				**1,16,543.30**
D	**Contingency @3% of C**				**3,496.30**
E	**T & P 2% of C**				**2,041.25**
F	**Transportation @ 7.5% of C**				**8,740.75**
G	**Erection Charges for PSC Pole @ 20%**				7,020.48
H	**Erection Charges of DTR and Joist Poles @ 5%**				
I	**Erection Charges of other @ 10%**				6,696.03
J	**Sub Total Rs.**				**1,44,538.11**
Civil and Services Works (As per Technical Specification)					
22	**Fixing of LT 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 excavation supply of 0.5 cum cement concrete foundation 1:2:4 size(500x500x800mm)using 20 mm BHG metal with all Labour and material(Excavation of earth will be done of size500x500x1500mm)**	**No**	**5**	**2301.53**	**11507.65**
23	**Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr**	**Cu.Mtr**	**3.00**	**6648.85**	**19,946.55**
24	**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**
K	**Total Services Cost**				**39,023.66**
	Total Material + Services Cost (J+K)				**1,83,561.77**
III	**Supply and Laying of 1.1 KV LT U/G Cable using 4 C x 95 Sq. mm of length 45 Mtr.**				
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, 95 sq. mm XLPE insulation armoured-Aluminium UG Cable(open trench)**	**Mtr.**	**45**		
1.1	4 core 95 sq. mm XLPE insulation armoured - Aluminium UG Cable	Mtr	90	499.41	44,946.90
2	**supply of 1.1 KV Multimeter Panel**				
a	No. of 1.1 KV I/C -160 A & 5 Nos. of O/G 32 A				
2.1	Supply of 1.1 KV I/C-160 A & 5 Nos. of O/G 32A	No	2	95,000.00	1,90,000.00
3	**Earthing of Multimeter Panel**				
3.1	Earthing conductor 50x6mm (2.4 Kg/Mtr.)GI flat for equipment ,structure etc.)	Kg	26.4	106.50	2,811.60
3.2	40 mm Nominal bore GI pipe (medium gauge) earthing device with 3 Mtr. Long	Nos	4	1491.00	5,964.00

A				**A. Sub total**	**2,43,722.50**
	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 95 sq. mm XLPE insulation armoured-aluminium UG cable	**Mtr**	**90**	**47.87**	**4,308.30**
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**	**12**	**690.46**	**8,285.52**
					12,593.82
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 UG Cable Trench**				
2.1	Earth work excavation of **soil(1.6 Mtr. Wx1.775 Mtr. D)**	cum	21.42	716.03	15,337.36
2.2	Earth work excavation of **Hard rock(1.6 Mtr. Wx1.775 Mtr. D)**	Cum	9.18	1759.39	16,151.20
2.3	Back filling with excavated soil outside and above the trench	Cum	8.662	204.58	1,772.07
2.4	PCC(1:3:6),M-10 Grade below trench (width 1500 mm ,thickness 75 mm throughout)	Cum	1.6875	5247.48	8,855.12
2.5	Supply and Erection of material for RCC partition Slab 750mmx100 mm(M-25 Grade)	Cum	1.4625	7483.54	10,944.68
2.6	Supply and Erection of material for RCC trench (150 mm thick(M-25 Grade)	Cum	6.975	7483.54	52,197.69
2.7	Supply and erection of Rod ,bending ,cutting and binding of prefabricated RCC trench(65.23 Kg/cum)	Kg	454.979	111.50	50,730.16
2.8	Supply and erection of Rod ,bending ,cutting and binding of prefabricated RCC slabs(67.8 Kg/cum)	Kg	99	111.50	11,056.06
2.9	Centering and shuttering of mass concrete	M2	58.5	307.89	18,011.57
2.1	Structural steel work riveted (channel GI-75x40x4.8 mm)(Flat GI-75x6mm)	Kg	42.705	130.00	5,551.65
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.)				**2,05,746.48**
A	**Sub Total (Supply Portion)**				**2,43,722.50**
B	Stock, Storage & Insurance @ 3 % of A				7,311.68
C	**Sub Total (A+B)**				**2,51,034.18**
D	Contingency @ 3 % of C				7,531.03
E	Tools & Plants Charges @ 2% of C (considered for multimeter panel and earthing items)				3,971.92
F	Transportation @ 7.5% of C				18,827.56

G	Erection Charges @ 10% of earthing items	19,859.59
H	**Total (C+D+E+F+G)**	**3,01,224.27**
I	Sub Total (Erection Portion + Civil Portion)	2,18,340.30
J	**Total Cost (H+I)**	**5,19,564.57**
	Sub Total Rs.	**28,47,042.14**
	Cess @1%	**28,470.42**
	Total Estimated Cost	**28,75,512.56**
	Total Estimated Cost in Figures	**28,75,513.00**

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

Sd/-
Asst. Project Manager (Elect)

Sd/-
Dy. Manager (Elect)

Sd/-
Project Manager (Elect)