

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**JANAPATH, BHONAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com/www.ophwc.nic.in****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 NEW MULTI STORIED BUILDING FOR DPO, DCP, BHUBANESWAR IN THE DISTRICT OF KHURDA.****BID REF NO :- 16/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.

PART-A-Construction of 11 kv line using 3Cx400 sq. mm of Length 20 Mtr. For LILO arrangement.**Installation of 11 KV 3 way RMU with Aux PT and cubicle metering unit-1 No.****Supply Portion**

1	Supply of materials for 11kV, 3Core, 400 sqmm, XLPE insulation armoured UG cable with accessories				
a	Length of 11kV 3C, 400 sqmm cable (Open trench method)	Mtr.	20		
1.1	Supply of 11kV, 3Core, 400sqmm, XLPE insulation armoured UG cable (SC rating of cable in kA- 37.7kA and SC rating of Armour in kA- 15kA)	Mtr.	40.00	2,265.00	90,600.00
1.2	Supply of Straight through jointing kits Heat Shrinkable type suitable for 11kV, 3Core, 400sqmm, aluminium UG Cable kits	EA	2	34,431.12	68,862.24
1.3	Supply of Indoor termination kits Heat Shrinkable type suitable for 11kV, 3Core, 400sqmm, HT UG Cable kits	Set	2	13,031.52	26,063.04
1.4	Supply of materials for High Density Polyethelene (HDPE) pipe 200mm diameter, PE 80- PN8 for laying of 11kV UG cable	Mtr.	40	1,385.00	55,400.00
b	Supply of 11 KV RMU	Nos.	1		
2.1	Supply of 11KV RMU 3 Way, 630A (LLV)(2 ISO+1 BKR)+AUXPT	Nos.	1	535,000.00	535,000.00
2.2	Supply of 11 KV CT PT 30/5 A-RESN. CAST CUBICLE	Nos.	1	115,000.00	115,000.00
3	Earthing				
3.1	Earthing Conductor: 50X6 mm (2.4kg./mtr.) GI Flat for equipment, structure etc.)	kg	26.40	102.00	2,692.80
3.2	Pipe Earthing 40mm. GI Pipe	Nos.	4	1,428.00	5,712.00
	Sub Total (Supply Portion) (in Rs.)				899,330.08

Erection Portion

Sl. No.	Description of items	Unit	Quantity	Rate (in Rs.)	Amount (in Rs.)
1	Laying, Commissioning, Testing of 11kV, 3core, 400 sqmm, aluminium, XLPE insulation armoured (extruded type) UG cable by open trench method				
1.1	Laying, Commissioning, Testing of 11kV, 3core, 400 sqmm, aluminium, XLPE insulation armoured (extruded type) UG cable by open trench method.	Mtr.	40.00	100.17	4,006.80

1.2	Erection of Straight through jointing kits Heat Shrinkable type suitable for 11kV, 3Core, 95sqmm, aluminium UG cable kits for 3core (set)	Set	4	1,944.33	7,777.32
1.3	Laying of 200 mm dia PE 80-PN8, HDPE pipe inside open trench.	Mtr.	40.00	306.87	12,274.80
2	Erection, Commissioning, Wiring and Testing of 11kV RMU				
2.1	Erection of 11kV RMU 3 Way 630A LLV(2 ISO+1 BKR)+ AUXPT	Nos.	1	12,000.00	12,000.00
2.2	Erection of Metering cubicle	Nos.	1	8,851.15	8,851.15
	Sub Total (Erection Portion) (in Rs.)				44,910.07
Civil Portion					
Sl. No.	Description of items	Unit	Quantity	Rate (in Rs.)	Amount (in Rs.)
1	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				
1.1	Earth work excavation of soil (1mtr. width X 1mtr. depth) Route Length				
1.1.a	Earth work excavation of soil	Cum	10.5	716.03	7,518.32
1.1.b	Earth work excavation of hard rock	Cum	4.5	1,759.39	7,917.26
1.2	Back filling with excavated soil outside and above the trench	Cum	15	204.58	3,068.70
1.3	Damage of asphalt/tar road and other utilities and reconstructing to bring to its original shape after laying of cable in open trench (1mtr. width)	Km	0.015	3,874,084.29	58,111.26
2	Civil works with supply of all materials like cement, MS ton rod, bricks, coarse & fine aggregates and labour, T&P, etc for HT Cable trench		Route Length		
2.1	Earth work excavation of soil(1.6 Mtr. Wx1.775 Mtr. D)	cum	10.02	716.03	7,177.34
2.2	Earth work excavation of Hard rock(1.6 Mtr. Wx1.775 Mtr. D)	Cum	4.26	1759.39	7,495.00
2.3	Back filling with excavated soil outside and above the trench	Cum	3.64	204.58	744.16
2.4	PCC(1:3:6),M-10 Grade below trench (width 1500 mm, thickness 75 mm throughout)	Cum	0.56	5247.48	2,951.71
2.5	Supply and Erection of material for RCC partition Slab 750mmx100 mm(M-25 Grade)	Cum	0.49	7483.54	3,648.23
2.6	Supply and Erection of material for RCC trench (150 mm thick(M-30 Grade)	Cum	3.08	7483.54	23,011.89
2.7	Supply and erection of Rod ,bending ,cutting and binding of prefabricated RCC trench(65.23 Kg/cum)	Kg	200.58	111.50	22,364.92
2.8	Supply and erection of Rod ,bending ,cutting and binding of prefabricated RCC slabs(67.8 Kg/cum)	Kg	33.05	111.50	3,685.35
2.9	Centering and shuttering of mass concrete	M2	29.50	307.89	9,082.76
2.1	Structural steel work riveted (channel GI-75x40x4.8 mm)(Flat GI-75x6mm)	Kg	17.19	130.00	2,234.05
3	Civil works for Prefabricated RCC foundation with supply of all materials				
3.1	Prefabricated RCC foundation of 11 KV RMU	EA	1	26,000.00	26,000.00
3.2	SITC of GI fencing with gate around each RMU	RM	18	3,682.44	66,283.92

3.3	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
3.4	Supply and Erection of Cable Route Marker along the cable route at an interval of 30mtrs with civil works	Nos.	1	1,035.17	1,035.17
	Sub Total (Civil Portion) (in Rs.)				267,468.95
A	Sub Total (Supply Portion)				899,330.08
B	Stock, Storage & Insurance @ 3 % of A				26,979.90
C	Sub Total (A+B)				926,309.98
D	Contingency @ 3 % of C				27,789.30
E	Tools & Plants Charges @ 2% of C (considered for earthing items)				55.47
F	Transportation @ 7.5% of C				69,473.25
G	Erection Charges @ 10% of earthing items				277.36
H	Total (C+D+E+F+G)				1,023,905.36
I	Sub Total (Erection Portion + Civil Portion)				312,379.02
J	Total Cost (H+I)				1,336,284.38
PART-B-Construction of 11 kv line using 3Cx95 sq. mm of Length 10 Mtr with 1 Run spare from RMU to Cubicle.					
Supply Portion					
1	Supply of materials for 11kV, 3Core, 95sqmm, XLPE insulation armoured UG cable with accessories				
a	Length of 11kV 3C, 95sqmm cable (Open Trench)	Mtr.	10		
1.1	Supply of 11kV, 3Core, 95sqmm, XLPE insulation armoured UG cable (SC rating of cable in kA- 9kA and SC rating of Armour in kA- 9kA)	Mtr.	20.00	1,019.00	20,380.00
1.2	Supply of Indoor termination kits Heat Shrinkable type suitable for 11kV, 3Core, 95 sqmm, HT UG cable kits.	Set	4	9,664.16	38,656.64
	Sub Total (Supply Portion) (in Rs.)				59,036.64
Erection Portion					
Sl. No.	Description of items	Unit	Quantity	Rate (in Rs.)	Amount (in Rs.)
1	Laying, Commissioning, Testing of 11kV, 3core, 95sqmm, aluminium, XLPE insulation armoured (extruded type) UG cable by open trench method				
1.1	Laying, Commissioning, Testing of 11kV, 3core, 95sqmm, aluminium, XLPE insulation armoured (extruded type) UG cable by open trench method.	Mtr.	20.00	100.17	2,003.40
1.2	Erection of Straight through jointing kits Heat Shrinkable type suitable for 11kV, 3Core, 95sqmm, aluminium UG cable kits for 3core (set)	Set	4	1,944.33	7,777.32
	Sub Total (Erection Portion) (in Rs.)				9,780.72
A	Sub Total (Supply Portion)				59,036.64
B	Stock, Storage & Insurance @ 3 % of A				1,771.10
C	Sub Total (A+B)				60,807.74
D	Contingency @ 3 % of C				1,824.23
E	Tools & Plants Charges @ 2% of C (considered for earthing items)				
F	Transportation @ 7.5% of C				4,560.58

G	Erection Charges @ 10% of earthing items	
H	Total (C+D+E+F+G)	67,192.55
I	Sub Total (Erection Portion + Civil Portion)	9,780.72
J	Total Cost (H+I)	76,973.27

PART-C-Construction of 11 kv line using 3Cx95 sq. mm of Length 20 Mtr with 1 Run spare.

Supply Portion

1	Supply of materials for 11kV, 3Core, 95sqmm, XLPE insulation armoured UG cable with accessories				
a	Length of 11kV 3C, 95sqmm cable (HDD)	Mtr.	20		
1.1	Supply of 11kV, 3Core, 95sqmm, XLPE insulation armoured UG cable (SC rating of cable in kA- 9kA and SC rating of Armour in kA- 9kA)	Mtr.	40.00	1,019.00	40,760.00
1.3	Supply of Indoor termination kits Heat Shrinkable type suitable for 11kV, 3Core, 95 sqmm, HT UG cable kits.	Set	2	9,664.16	19,328.32
1.4	Supply of Outdoor termination kits Heat Shrinkable type suitable for 11kV, 3Core, 95 sqmm, HT UG cable kits.	Set	2	14,890.64	29,781.28
1.5	Supply of HDPE PE 80-PN8 pipe of 160mm diameter (for 11 KV UG cable laying)	Mtr.	24.00	667.00	16,008.00
	Sub Total (Supply Portion) (in Rs.)				105,877.60

Erection Portion

Sl. No.	Description of items	Unit	Quantity	Rate (in Rs.)	Amount (in Rs.)
1	Laying, Commissioning, Testing of 11kV, 3core, 95sqmm, aluminium, XLPE insulation armoured (extruded type) UG cable by open trench method				
1.1	Laying, Commissioning, Testing of 11kV, 3core, 95sqmm, aluminium, XLPE insulation armoured (extruded type) UG cable by open trench method.	Mtr.	40.00	100.17	4,006.80
1.2	Erection of Straight through jointing kits Heat Shrinkable type suitable for 11kV, 3Core, 95sqmm, aluminium UG cable kits for 3core (set)	Set	4	1,944.33	7,777.32
1.3	Laying of 160mm dia PE 80-PN8, HDPE pipe inside open trench.	Mtr.	24.00	306.87	7,364.88
	Sub Total (Erection Portion) (in Rs.)				19,149.00

Civil Portion

Sl. No.	Description of items	Unit	Quantity	Rate (in Rs.)	Amount (in Rs.)
1	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				
1.1	Earth work excavation of soil (1mtr. width X 1mtr. depth) Route Length				
1.1.a	Earth work excavation of soil	Cum	8.4	716.03	6,014.65
1.1.b	Earth work excavation of hard rock	Cum	3.6	1,759.39	6,333.80
1.2	Back filling with excavated soil outside and above the trench	Cum	12	204.58	2,454.96
1.3	Damage of asphalt/tar road and other utilities and reconstructing to bring to its original shape after laying of cable in open trench (1mtr. width)	Km	0.012	3,874,084.29	46,489.01
2	Civil works for Prefabricated RCC foundation with supply of all materials				

2.1	Supply and erection of GI Pipe of dia. 150mm, Class-B (8Mtr.)	Mtr	16	1,496.91	23,950.56
2.2	Supply and Erection of Cable Route Marker along the cable route at an interval of 30mtrs with civil works	Nos.	1	1,035.17	1,035.17
	Sub Total (Civil Portion) (in Rs.)				86,278.16
A	Sub Total (Supply Portion)				105,877.60
B	Stock, Storage & Insurance @ 3 % of A				3,176.33
C	Sub Total (A+B)				109,053.93
D	Contingency @ 3 % of C				3,271.62
E	Tools & Plants Charges @ 2% of C (considered for earthing items)				
F	Transportation @ 7.5% of C				8,179.04
G	Erection Charges @ 10% of earthing items				
H	Total (C+D+E+F+G)				120,504.59
I	Sub Total (Erection Portion + Civil Portion)				105,427.16
J	Total Cost (H+I)				225,931.75
PART-D	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 (For Raising of LT ABC)	No	2	4080.00	8160.00
3	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	3	272.00	816.00
4	EYE hook for XLPE Aerial bunched Cable	No	3	81.60	244.80
5	Dead End Clamp suitable for messenger XLPE Aerial bunched 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	M.U Channel(GI) GI 75x40x4.8 mm (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 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
11	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
12	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
13	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
14	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

15	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
16	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
17	50x50x6 mm GI Bracing angle (GI),4.5 Kg/Mtr., each angle 3.512 Mtr.,2 Nos. Angle(GI)	Kg	31.61	102.00	3224.22
18	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
19	250 KVA , 11/ 0.4 KV (Cu) Transformer with Tap Changer BIS Energy level II	No	1	601213.06	601213.06
20	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
21	55mm ² ACSR - PVC Insulated (50 Mtr. Each Dtr.)	Mtr	50	55.24	2762.00
22	1 Cx 400 mm ² LT XLPE Cable(Un-Armoured)	Mtr	120	363.08	43569.60
23	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)	Mtr	38.24	102.00	3900.48
24	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
25	Supply of 11 KV 4 core ,150 sq. mm XLPE insulation armoured-Aluminium UG cablefrom LT DB to Pole	Mtr	60	803.39	48203.40
26	AB Switch(11KV,200A.3pole,50Hz)	EA	1	9996.00	9996.00
27	H.G.Fuse(11KV.200A.3Pole)	EA	1	8323.20	8323.20
28	WEDGE CONNECTOR FOR 55 SQMM.CONDUCTOR	No	6	146.20	877.20
29	POLYCARBONATE BIRD GUARD	No	6	20.96	125.76
30	Disc insulator (B&S)70 KN polymer	No	3	1564.00	4692.00
31	H W fitting (B&S)70KN(3bolted)	No	3	476.00	1428.00
32	Lightning Arrester(12KV,10KA) Station Class 2	Set	3	4828.00	14484.00
33	11KV pin insulator polymer	No.	3	272.00	816.00
34	HT stay set complete	No	2	1428.00	2856.00
35	HT stay Clamp (1.9Kg/pair)	Pair	2	170.00	340.00
36	HT stay insulator TYPE-C	No	2	68.00	136.00
37	7/10 SWG GI stay wire, Grade -2 (15Kg/ Set)	Kg	30	102.00	3060.00
38	40 mm Nominal bore GI pipe (medium gauge) earthing device with 3 mtr .Long	No	7	1428.00	9996.00
39	GI Nuts & Bolts of Assorted size (25 Kg/ DSS DP)	Kg	25	106.08	2652.00
40	GI Barbed wire/Anticlimbing device (3Kg /Pole)	Kg	6	108.80	652.80
41	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
42	Danger plate 11kv	No	2	108.80	217.60
43	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
44	Name plate	No	1	108.80	108.80
45	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr	2	167.46	334.92
46	Black paint (GIS Numbering & Zebra stripping)	Ltr	1	299.20	299.20

A	A. Sub total				958,837.71
B	B. Stock, Storage & Insurance @ 3% of A				28,765.13
C	Sub Total (C=A+B)				987,602.84
D	T&P @ 2% of C				17,523.93
E	Contingency @ 3% of C				29,628.06
F	Transportation @ 7.5% of C				74,070.16
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				17,818.54
J	Total				1,162,804.79
47	Concreting Ratio 1:1:5:3(M-20 Grade)(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	Cu. Mtr	0.9	6648.85	5,983.97
48	Couping Ratio 1:1:5:3(M-20 Grade) with dimension(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	Cu. Mtr	0.226	6648.85	1,502.64
49	PCC ratio 1:3:6(M-10 Grade) For DSS Area (5X3X0.1)= 1.5 Cu. mtr.	Cu. Mtr	0.875	5247.48	4,591.55
50	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
51	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
52	LT DB Plinth	No	1	6000.00	6,000.00
53	DTR Plinth	No	1	28000.00	28,000.00
54	Laying of 4Cx150 sq.mm LT XLPE cable	Mtr.	60	73.65	4,419.00
55	Laying of 1.1 KV cable from 400 to 1000 sq. mm	Mtr.	120	96.66	11,599.20
56	Supply and Erection of GI fencing with Gate	RM	20	3682.44	73,648.80
57	Supply and erection of GI Pipe of dia. 150mm, Class-B (8Mtr.)	Mtr.	24	1496.91	35,925.84
58	Concreting Ratio 1:1:5:3(M-20 Grade)(500 mmx500mmx1500 mm)=0.375 Cu. Mtr.	Cum	0.75	6648.85	4986.64
59	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
60	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
61	Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4C 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

62	Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4C 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	3	920.61	2,761.83
					229,246.83
	Sub total Rs				1,392,051.62
PART-E	Construction of LT UG LINE with Multimater Panel and LT Feeder Pillar.				
1	Length of 1.1 KV, 4C, 300 sq. mm cable(Open trench)				
1.1	Supply of 1.1 KV , 4 core 300 sq. mm XLPE insulation armoured Aluminium UG Cable	Mtr.	70	1427.97	99,957.90
1.2	Supply of HDPE PE 80-PN8 pipe of 160mm diameter	Mtr.	70	667.00	46,690.00
2	LT Feeder Pillar Box				
2.1	LT Feeder Pillar Box 2 I/C 630A Fuse, 6 way 315A O/G Fuse	No.	1	46438.67	46,438.67
3	Earthing				
3.1	Earthing Conductor: 50X6 mm (2.4kg./mtr.) GI Flat for equipment, structure etc.)	kg	13.20	102.00	1,346.40
3.2	Pipe Earthing 40mm. GI Pipe	Nos.	2	1,428.00	2,856.00
	Sub Total (Supply Portion) (in Rs.)				197,288.97
	Laying , Commissioning ,Testing of 1.1 KV aluminium, XLPE insulation armoured UG cable by open trench method				
1	Supply of 1.1 KV , 4 core 300 sq. mm XLPE insulation armoured UG Cable	Mtr	70	73.65	5,155.50
2	Laying of 160 mm dia HDPE pipe	Mtr.	70.00	306.87	21,480.90
	Installation, Testing & Comissioning of 1.1 KV Feeder pillar Box				
3	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	No	1	3105.52	3,105.52
	SITC of Gland /AL TERM				
4	Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4C 240-300sqmm 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	4	2025.34	8,101.36
	Sub Total (Erection Portion) (in Rs.)				37,843.28
	Civil works with supply of all materials like cement, MS ton rod, bricks, course & fine aggregates and labour, T&P, etc for UG Cable trench				
	Earth work excavation of soil(1 Mtr. Width x 1 mtr. Depth)				
1	Earth work excavation of soil	cum	17.5	716.03	12,530.53
2	Earth work excavation of hard rock	Cum	7.5	1759.39	13,195.43
3	Back filling with excavation soil outside and above the trench	Cum	25	204.58	5,114.50
4	Damage of asphalt/tar road and other utilities and reconstructing to bring to its original shape after laying of cable in open trench (1mtr. width)	Km	0.02	3,874,084.29	77,481.69
	Civil works for Prefabricated RCC foundation with supply of all materials				

5	Civil Cost for making foundation of feeder Pillar as per TPCODL Drawing.	No	1	14,640.46	14,640.46
6	Construction Earthing chamber including installation of earthing pipe.Making earthing chamber including excavation , soil treatment with bentonide powder , calculation of earth resistance, including Installation of 3Mtr GI Pipe 40mm/50mm including welding of Flat(GI) around pipe .	No	2	3,784.73	7,569.46
	Total Rs.				130,532.06
A	A. Sub total				197,288.97
B	B. Stock, Storage & Insurance @ 3% of A				5,918.67
C	Sub Total (C=A+B)				203,207.64
D	T&P @ 2%				27.74
E	Contingency @ 3% of C				6,096.23
F	Transportation @ 7.5% of C				15,240.57
G	Erection charges @10% of earthing items and Multimeter Panel				138.68
H	Total				224,710.86
I	Sub Total(Erection+civil)				168,375.34
	Total Cost (H+I)				393,086.20
	SUB TOTAL RS.				3,424,327.22
	Cess @ 1%				34,243.27
	Total Estimated Cost				3,458,570.49
	Total Estimated Cost in Figures				3,458,570.00
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/-
Dy. Manager (Elect.)**

**Sd/-
Project Manager (Elect.)**