

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
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PRICE BID FOR THE WORK UNDER SL. NO :- 03 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO TRUCK TERMINAL AT GIRISOLA IN THE DIST. OF GANJAM.

BID REF NO.- 24/PM/ELECT/OPHWC/2024-25

NAME & ADDRESS OF THE FIRM	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
PART-I	3 phase 3W 11 KV line with 3 Core 50 sq. mm XLPE Cable-0.026 Km 3 phase 3W 11 KV line with 55 sq. mm AAAC-0.73 Km Cut Point-4 Nos.,Guarding-3 span,dismantling of 11 Kv 2 Ph 2W Line-7 span				
1	11 Mtr Long (150x150)mm GI Pole(30.6 Kg/Mtr.)IS 2062-1999	No	16	34333.20	549331.20
2	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos,0.2 Mtr. Long 2 Nos. for 1 No. cut-point.	Kg	103.04	102.00	10510.08
3	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 4 Nos,0.2 Mtr. Long 4 Nos. including tapping point.	Kg	25.76	102.00	2627.52
4	11 KV 'V' cross arm(10.2 Kg each)	No.	11	1101.60	12117.60
5	11 KV F clamp 2.9 Kg each	No	11	326.40	3590.40
6	GI Back clamp for 11 KV V Cross Arm	No.	11	108.80	1196.80
7	Fish Plate per cut-point(0.428 Kg,4 Nos each)	Kg	6.848	102.00	698.50
8	55 sq. mm AAAC	Km	2.256	40800.00	92044.80
9	PG clamp for 55 sq. mm AAAC	No	24	652.80	15667.20
10	11 Kv pin insulator Polymer	No	45	272.00	12240.00
11	Disc insulator 45 KN (T&C) Polymer	No.	30	1169.60	35088.00
12	11 KV HW fitting(T&C)type 45 KN	No	30	176.80	5304.00
13	3Cx50 sq. mm 11 KV XLPE cable(armoured)A2FX Y	Mtr.	20.6	552.16	11374.50
14	Heat shrinkable jointing kit for 3Cx50 sq. mm 11 KV XLPE cable (outdoor)type	No.	2	14890.64	29781.28
15	Supporting J clamp for XLPE cable	No.	20	165.19	3303.80
16	7/12 SWG GI Saty wire for supporting XLPE cable	Kg	6.12	102.00	624.24
17	Eye Hook	No	1	81.60	81.60
18	Pole clamp for eye Hook	No	1	272.00	272.00

19	11 KV LA(9 KV, 10 KA)	No	3	1360.00	4080.00
20	GI pipe earthing 40 mm dia medium gauge(3.25 mm thickness)3 Mtr. Long	No	2	1428.00	2856.00
21	25x6 mm GI Flat for LA	Kg	30	102.00	3060.00
22	GI Nuts and Bolts of assorted size	Kg	20	106.08	2121.60
23	Earthing support coil type	No	16	225.76	3612.16
24	No.8 GI wire(0.131 Kg/Mtr.) for Lashing	Kg	4	102.00	427.38
25	Guarding Box type	Span	3	5000.00	15000.00
26	GI Base Plate(500x500x10)mm@20Kg/Pc	No	16	2040.00	32640.00
27	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	48	108.80	5222.40
28	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	19.26	102.00	1964.52
29	Danger Board	No	16	108.80	1740.80
30	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	9.63	102.00	982.26
31	HT stay set complete	No.	9	1428.00	12852.00
32	11KV stay insulator Polymer	No.	9	68.00	612.00
33	7/10 SWG stay wire	Kg	90	102.00	9180.00
34	HT stay clamp (1.9 Kg/Pair)	pair	9	170.00	1530.00
35	Sundries (Binding wire, insulating Tap, Pole Numbering etc.)	LS	1	2000.00	2000.00
					885734.63
PART-II	SERVICE CONNECTION				
1	PVC Pipe for metering	Mtr.	10	31.14	311.40
2	GI Nuts and Bolts of assorted size	Kg	5	106.08	530.40
3	75x40x6 mm Channel for mounting for MU with Galvanisation	Kg	38.08	102.00	3884.16
4	Clamp for supporting	Pair	2	63.61	127.22
5	GI pipe earthing 40 mm dia medium gauge(3.25 mm thickness)3 Mtr. Long	No	1	1428.00	1428.00
6	25x6 mm GI Flat(for earthing)	Kg	12	102.00	1224.00
7	Sundries	Ls	1	500.00	500.00
					8005.18
	A.Sub Total Rs.				8,93,739.81
B	Stock,storage and insurance (@3% on A)				26812.19
C	TOTAL RS.				920552.01
D	T&P @ 2% of C				18411.04
E	Contingency @ 3% of C				27616.56
F	Transportation @ 7.5% of C				69041.40
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				FALSE
H	TOTAL RS.				1035621.01
8	Cement concreting of Stay anchor Plat with 1:2:4,0.2 cum @ 6177.92	Nos.	9	1235.58	11120.22
9	Couping with 1:1:5:3,0.1125 cum @6400.00	Nos.	16	720.00	11520.00

10	Concreting of support 1:1.5:3=0.0.375cum,@6400.00 for 11 Mtr. Joist Pole	Nos.	16	2880.00	46080.00
11	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	1	1600.00	1600.00
12	Labour charges for Dismantling of HT Line	Ls	1.00	10,304.00	10304.00
				Total Rs.	80,624.22
	TOTAL RS.				11,16,245.23
PART-III	Installation of 250 KVA 11/0.4KV sub station - 1 No.				
1	11 Mtr Long (150x150)mm GI Pole(30.6 Kg/Mtr.)IS 2062-1999	No	2	34333.20	68666.40
2	250 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	365092.00	365092.00
3	Top Pressure GI Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	102.00	5255.04
4	AB switch &HG fuse GI mounting channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	102.00	7768.32
5	Cantilever GI Channel for supporting AB switch Arm 75x40x6mm. 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	76.16	102.00	7768.32
6	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	K.g	13.5	102.00	1377.00
7	Fish Plate per cut-point(0.428 Kg,4 Nos each)	Kg	2.568	102.00	261.94
8	Disc insulator 45 KN (B&S) Polymer	No.	3	1169.60	3508.80
9	11 KV HW fitting (T&C)45 KN	No	3	176.80	530.40
10	11KV AB switch(3 pole,400 Amp,50Hz)	Set	1	16116.00	16116.00
11	11KV HG fuse (3 pole,400 Amp)with PI	Set	1	15680.80	15680.80
12	9KV 10KA LA, Station class	No.	3	1360.00	4080.00
13	LT Distribution Box with MCCB, Aluminium Bus Bar for 3 bay with Kitkat fuse for 250 KVA S/S .	No	1	65280.00	65280.00
14	HT stay set complete	No.	4	1428.00	5712.00
15	11KV stay insulator	No.	4	68.00	272.00
16	7/10 SWG stay wire, Grade-2	Kg	40	102.00	4080.00
17	HT stay clamp (1.9 Kg/Pair)	pair	4	170.00	680.00
18	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1428.00	9996.00
19	Earthing support coil type	No	2	225.76	451.52
20	No.8 GI wire(dia 4.6 mm) 0.131 Kg/Mtr.	Kg	1	102.00	53.45
21	25x6 mm GI Flat for earthing	Kg	70	102.00	7140.00
22	GI Nuts and Bolts of assorted size	Kg	30	106.08	3182.40
23	GI Base Plate(500x500x10)mm@20Kg/Pc	No	2	2040.00	4080.00

24	Danger Board	No.	2	108.80	217.60
25	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	1.2	102.00	122.40
26	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
27	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	2.407	102.00	245.51
28	55 sq. mm AAAC for jumpering	Km	0.03	40800.00	1224.00
29	3.5 core 300 sq. mm LT PVC cable(unarmoured)	Mtr.	15	1351.84	20277.60
30	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	2000.00	2000.00
	A.Sub Total Rs.				6,21,772.30
B	Stock,storage and insurance (@3% on A)				18653.17
C	TOTAL RS.				640425.47
D	T&P @ 2% of C				12808.51
E	Contingency @ 3% of C				19212.76
F	Transportation @ 7.5% of C				48031.91
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				41703.99
H	TOTAL RS.				762182.64
31	Cement concreting of Stay anchor Plat with 1:2:4,0.2 cum @ 6177.92	Nos.	4	1235.58	4942.32
32	Couping with 1:1:5:3,0.1125 cum @6400.00	Nos.	2	720.00	1440.00
33	Concreting of support1:1:5:3=0.0.375cum,@6400.00 for 11 Mtr. Joist Pole	Nos.	2	2880.00	5760.00
34	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11200.00
35	Plinth	No	1	32181.60	32181.60
36	Brick wall Boundary with MS gate	RM	18.00	7,300.12	131402.16
				Total Rs.	1,86,926.08
	Total Rs.				9,49,108.72
	Sub Total Rs.				20,65,353.95
	Cess @ 1%				20,653.54
	Total Estimated Cost				20,86,007.49
	Total Estimated Cost in Figures				20,86,007.00
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/-
DM((Elect)I/C**

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