

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 OUT POST BUILDING AT GUMUDA IN THE DIST. OF RAYAGADA.

BID REF NO.- 58/PM/ELECT/OPHWC/2023-24

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. 2023-24	AMOUNT IN RS.
PART-I	3 phase 3W 11 KV line -0.24 Km				
1	9 Mtr Long 300 KG PSC Pole	No	6	3900.00	23400.00
2	GI Base plate (500x500x10 mm)@20 Kg/pc	No	6	1950.00	11700.00
3	Earthing support coil type(Gi0	No	6	215.80	1294.80
4	11 KV 'V' cross arm(10.2 Kg each)	No.	5	1053.00	5265.00
5	GI Back clamp for 11 KV V Cross Arm	No.	5	104.00	520.00
6	11 KV F clamp 2.9 Kg each	No	5	312.00	1560.00
7	100x50x6 mm GI channel for straight cross arm (including tapping point)	Kg	80.04	97.50	7803.90
8	11KV Pin Insulator polymer	No.	21	260.00	5460.00
9	Disc insulator 45 KN (T&C) Polymer	No.	9	1118.00	10062.00
10	11 KV HW fitting (T&C)45 KN	No	9	338.00	3042.00
11	HT stay set complete	No.	3	1365.00	4095.00
12	11KV stay insulator	No.	3	65.00	195.00
13	7/10 SWG stay wire, Grade-2	Kg	30	97.50	2925.00
14	HT stay clamp (1.9 Kg/Pair)	pair	3	162.50	487.50
15	55 sq. mm AAAC	Km	0.7416	39000.00	28922.40
16	GI Nuts and Bolts of assorted size	Kg	5	101.40	507.00
17	PG clamp for 55 sq. mm AAAC	No	9	624.00	5616.00
18	GI barbed wire (Anti climbing device @ 3 Kg per support)	K.g	18	104.00	1872.00
19	Danger Board	No	6	104.00	624.00
20	Sundries	LS	1	500.00	500.00
	A.Sub Total Rs.				115,851.60
B	Stock,storage and insurance (@3% on A)				3475.55
C	TOTAL RS.				119327.15
D	T&P @ 2% of C				2386.54
E	Contingency @ 3% of C				3579.81
F	Transportation @ 7.5% of C				8949.54

G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles					14342.91
H	TOTAL RS.					148585.95
PART-II	Construction of LT 3ph 4 W line using 3x35+1x25 sqmm XLPE AB Cable					
1	8 Mtr. Long 200 KG PSC Pole	No	5	2600.00		13000.00
2	L.T Stay set (Complete)	Set	3	676.00		2028.00
3	L.T Stay Insulator	No.	3	39.00		117.00
4	L.T Stay Clamp(1.4 K.g/Pair)	Pair	3	143.00		429.00
5	7/12 SWG Stay Wire	Kg	30	97.50		2925.00
6	Ms Nuts and Bolts of assorted size	Kg	5	92.30		461.50
7	3x35+1x25 sqmm XLPE AB Cable	Km	0.15	140400.00		21691.80
8	Suspension clamp with I Hook	No.	3	442.00		1326.00
9	Dead end clamp suitable for XLPE cable	No	4	84.50		338.00
10	Eye Hook	No	6	78.00		468.00
11	Pole clamp for eye Hook for AB cable	pair	6	260.00		1560.00
12	GI Base plate for support (500x500x10)mm for support,20 Kg each	No	5	1950.00		9750.00
13	Earthing device coil type	No	5	215.80		1079.00
14	Sundries (Al. binding tape, insulation tape, anti climbing devices, paint, Danger Board)	LS	1	500.00		500.00
	A.Sub Total Rs.					55,673.30
B	Stock,storage and insurance (@3% on A)					1670.20
C	TOTAL RS.					57343.50
D	T&P @ 2% of C					1146.87
E	Contingency @ 3% of C					1720.30
F	Transportation @ 7.5% of C					4300.76
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles					7073.35
H	TOTAL RS.					71584.79
PART-III	Installation of 25 KVA 11/0.4KV sub station - 1 No.					
1	9 Mtr Long 300 KG PSC Pole	No	2	3900.00		7800.00
2	GI Base plate (500x500x10 mm)@20 Kg/pc	No	2	1950.00		3900.00
3	Earthing support coil type(Gi0	No	2	215.80		431.60
2	Top Pressure GI Channel 100x50x6mm channel each 2.8 mtr long(9.2K.g/mtr)	K.g	49.14	97.50		4791.15
3	Transformer mounting GI Channel 100x50x6mm channel 2.8 mtr long,2 Nos.(9.2K.g/mtr)GI	K.g	49.14	97.50		4791.15
5	AB switch &HG fuse mounting GI channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	72.64	97.50		7082.40
6	Cantilever GI Channel for supporting AB switch Arm 75x40x6mm. 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	12.97	97.50		1264.58

8	GI Angle for Cantilever 50x50x6mm 2.8 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	30.04	97.50	2928.90
5	GI angle for Transformer belting 50x50x6 mm Angle,2.8 Mtr. Long, 4.5 Kg/Mtr. with side angle total 7 Mtr.	K.g	30.04	97.50	2928.90
6	GI Angle for mounting LT Distribution Box (50x50x6)mm 1.25 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	10.73	97.50	1046.18
10	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
11	11 KV HW fitting (T&C)45 KN	No	3	338.00	1014.00
7	11KV AB switch 3 pole(200 Amp)	Set	1	9555.00	9555.00
8	11KV HG fuse 3 pole(200 Amp)	Set	1	7956.00	7956.00
9	9KV 10KA LA, Station class	No.	3	1300.00	3900.00
12	HT stay set (Complete)	No.	2	1365.00	2730.00
13	7/10 SWG GI Saty wire, Grade-2	Kg	20	97.50	1950.00
14	stay Insulator	No.	2	65.00	130.00
15	Stay clamp(1.9 Kg/pair)	pair	2	162.50	325.00
19	25 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	66712.00	66712.00
18	LT Distribution Box with MCCB, Aluminium Bus Bar for single bay with Kitkat fuse for 25 KVA S/S .	No	1	18513.20	18513.20
22	3.5 C x50 sq. mm PVC Cable	Mtr.	15	263.90	3958.50
21	55 sq. mm AAAC for jumpering	Km	0.05	39000.00	1950.00
16	40 mm Nominal bore GI Pipe Medium gauge earthing device 3 mtrs long	No	3	1365.00	4095.00
17	GI Flat 25x6 mm	Kg	30	97.50	2925.00
20	GI Nuts and Bolts of assorted size	Kg	25	101.40	2535.00
24	Danger Board	No	2	104.00	208.00
25	Anticlimbing Device/ Barbed wire (@ 3 Kg per support)	Kg	6	104.00	624.00
27	Sundries	LS	1	1000.00	1000.00
	A.Sub Total Rs.				170,399.55
B	Stock,storage and insurance (@3% on A)				5111.99
C	TOTAL RS.				175511.54
D	T&P @ 2% of C				3510.23
E	Contigency @ 3% of C				5265.35
F	Transportation @ 7.5% of C				13163.37
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				14918.89
H	TOTAL RS.				212369.37
28	Cement Concrete for stay anchor plate CC 1:3:6 using 4 cm size Hard granite metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	8	1270.00	10160.00
29	Cement Concreting for support with C.C. 1:3:6 by using 40 mm HBG metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	13	1270.00	16510.00
30	Couping material for support/Pole	Nos.	13	190.00	2470.00

31	Materials for massonary work for eathpit, charcoal,salt & RCC cover etc.	No	3	1600.00	4800.00
32	Brick Boundary wall with grill gate as per TPSODL specification	No	1.00	36,099.00	36099.00
33	Filling sand@431.60/Cmt for (8ftx12ftx1/2ft)=48 cft= 1.359 Cmt	No	1.00	587.00	587.00
34	40 mm size HBG metal @ Rs.981.36/cmt for (8ftx12ftx1/4ft)=24 cft=0.679 cmt	No	1.00	667.00	667.00
				Total Rs.	71,293.00
	Total Rs.				283,662.37
	Total Estimated Cost				503,833.11
	Total Estimated Cost in Figures				503,833.00
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/-
Asst. Project Manager (Elect) (Hqr)

Sd/-
Project Manager(Elect.)