

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 :-02 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO CAPF BN., HQTRS. AT BALIGUDA IN THE DIST. OF KANDHAMAL.

BID REF NO :- 98/PM/ELECT/OPHWC/2022-23

**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.
SCOPE-A	Construction of 3 ph 3 wire 11 KV line using 55 sq. mm AAAC -1.2 Km				
1	9 Mtr. Long 300 KG psc Pole	No	20	3720.00	74400.00
2	Straight channel -75x40x6 mm for straight cross arm 1.2 Mtrs. @ 6.8 Kg/Mtr. Each 2 Nos.	Kg	114.24	80.60	9207.74
3	11 KV GI 'V' cross arm(MS-10.2 Kg each)	No.	15	1004.40	15066.00
4	Back Clamp for 'V' Cross Arm	No.	15	99.20	1488.00
5	F' Clamp(Pole Top)	No.	15	297.60	4464.00
6	11KV Disc insulatorT & C Polymer	No.	30	1066.40	31992.00
7	11KV H.W Fittings T&C	No.	30	161.20	4836.00
8	11KV Pin Insulator Polymer	No.	55	248.00	13640.00
9	HT stay set (Complete)	No.	11	1302.00	14322.00
10	Stay wire(7/10 SWG)	Kg	110	93.00	10230.00
11	stay Insulator	No.	11	62.00	682.00
12	Stay clamp	pair	11	155.00	1705.00
13	Earthing coil for support	No.	20	205.84	4116.80
14	Danger board	No.	20	99.20	1984.00
15	Base plate for support(RCC)	No.	20	347.20	6944.00
16	11 KV 55 sq. mm AAAC	Km	3.708	37200.00	137937.60
17	MS Bolts, nuts & washers	Kg	35	88.04	3081.40
18	Sundries	LS	1	500.00	500.00
	TOTAL RS.				336596.54
SCOPE-B	Installation of 63 KVA 11/0.4KV Transformer BIS Energy Level-II .- 1 No.				
1	9 Mtr. Long 300 KG psc Pole	No	2	3720.00	7440.00

2	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.(9.2kg/mtr.)x2 Nos.	Kg.	51.52	80.60	4152.51
3	Transformer mounting channel 100x50x6mm 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	51.52	80.60	4152.51
4	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76.16	80.60	6138.50
5	Cantilever Channel for supporting HG Fuse 75x40x6mm. 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	80.60	1096.16
6	Cantilever Channel for supporting HG Fuse 50x50x6mm. 1 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	80.60	725.40
7	Angel for cantilever arrangement for AB switch and HG Fuse 50x50x6mm 2 Mtr. Longx2 Nos.(4.5Kg./mtr)	Kg.	18	80.60	1450.80
8	Transformer belting Angle 50x50x6mm-2.8 mtr long 2 nos(4.5Kg per mtr)with side angle(Total 7 mtr)	Kg	31.5	80.60	2538.90
9	Angle for mounting LT Distribution Box (50x50x6)mm 2.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	22.5	80.60	1813.50
10	11KV Disc insulatorT & C Polymer	No.	3	1066.40	3199.20
11	11KV H.W Fittings T&C	No.	3	161.20	483.60
12	11KV AB switch 3 pole(200 Amp)	Set	1	9114.00	9114.00
13	11KV HG fuse 3 pole(200 Amp)	Set	1	7588.80	7588.80
14	11 KV LA	No.	3	1240.00	3720.00
15	LT Distribution box with MCCB Box and Kitkat Fuse	No	1	22719.00	22719.00
16	HT stay set (Complete)	No.	2	1302.00	2604.00
17	stay Insulator	No.	2	62.00	124.00
18	Stay clamp	pair	2	155.00	310.00
19	7/10 SWG GI Saty wire	Kg	20	93.00	1860.00
20	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long	No	5	1302.00	6510.00
21	Earthing coil for support	No	2	205.84	411.68
22	25x6 mm GI flat for earthing	Kg	30	93.00	2790.00
23	Clamp,connector and jumpering material	Ls	1	1054.00	1054.00
24	MS nut,bolt & washers	Kg	20	88.04	1760.80
25	63 KVA ,11/0.4 Kv (AL) Transformer BIS Energy Level-II	No.	1	107260.00	107260.00
26	95 sq. mm 3.5 core LT PVC cable	Mtr.	15	412.92	6193.80
27	socket and other cable accessories	Ls	1	558.00	558.00
28	Danger board	No	2	99.20	198.40
29	GI base plate for support	No	2	1860.00	3720.00
30	Sundries (Paint, Danger Board, Al. Binding Tape & wire Insulating Tape, Anticlimbing Device,clamp connector, jumpering materials, socket & other accessories etc.)	LS	1	500.00	500.00

	TOTAL RS.				212187.56
SCOPE-C	Construction of 3 Ph 5 W LT Line with 3x35+1x25+1x16 sq.mm LT XLPE AB Cable -1.1 Km &Construction of 1 Ph 2 W LT Line with 1x35+1x25 sq.mm LT XLPE AB Cable -0.6 Km (27-Spans)				
1	8 Mtr Long 200 kg PSC Pole(2 Nos. for stud)	No	42	2480.00	104160.00
2	LT stay set complete	No.	22	644.80	14185.60
3	LT stay set Insulator	No.	22	37.20	818.40
4	LT stay clamp	No.	22	195.92	4310.24
5	7/12 SWG GI stay wire	Kg.	176	93.00	16368.00
6	Conductor Dead end clamp with eye Hook	No.	12	155.06	1860.72
7	Suspension clamp I Hook for ABC	No	32	421.60	13491.20
8	3x35+1x25+1x16 sq.mm LT XLPE AB Cable	Km	1.10	148000.00	163251.40
9	3x35+1x25 sq. mm LT XLPE AB Cable	Km	0.60	52080.00	31248.00
10	Piercing connector	No	42	69.44	2916.48
11	Neutral connector	Set	42	39.68	1666.56
12	RCC Base plate	No	42	347.20	14582.40
13	MS nut,bolt & washers	Kg	30	88.40	2652.00
14	strain fitting	LS	1	500.00	500.00
15	Sundries				372011.00
A	TOTAL MATERIAL COST IN RS.				920795.10
B	Stock,storage and insurance (@3% on A)				27623.85
C	TOTAL RS.				948418.96
D	T&P @ 2% of C				18968.38
E	Contingency @ 3% of C				28452.57
F	Transportation @ 7.5% of C				71131.42
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				108476.01
H	TOTAL RS.				1175447.34
16	Cement Concreting for HT Line pole CC 1:3:6 using 4 cm size hard granite metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3 cum(HT Line)	Nos.	22	1270.00	27940.00
17	Cement Concreting of HT stay with 1:3:6 using 4cm size HBG metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	13	1270.00	16510.00
18	Cement Concreting fot LT stay Anchor Plate with 1:3:6 by using 4cm size Hard granit metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3 cum	Nos.	22	1270.00	27940.00
19	Cement concreting for LT support/pole	Nos.	42	443.00	18606.00

20	Brick boundary wall provision	No	1	30000.00	30000.00
21	Material for masonry work for earth pit, charcoal,salt etc.	No	5	1600.00	8000.00
	TOTAL RS.				1304443.34
	Cess @1%				13044.43
	Total Estimated Cost				1317487.77
	Total Estimated Cost in Figures				1317488.00
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.)**