

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
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E-mail :- pmelectricalophwc2021@gmail.com, Website: 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 BAHANAGA FIRE STATION IN THE DISTRICT OF BALASORE.

BID REF NO :- 16/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. 2018-19	RATE IN RS. 2022-23	AMOUNT IN RS.
SCOPE [A]	Construction of 3 ph 3 wire 11 KV line using 55 sq. mm single core HT Cable.					
SCOPE [B]	Installation of 25 KVA 11/0.4KV (Star Rated) DP mounted sub station .					
SCOPE [C]	Construction of 3 ph 5 wire LT line with (3x50+1x35+1x16) sq.mm AB cable.					
1	9 mtr Joist pole(116x100)mm	No.	6	13455.00	16986.63	101919.76
2	11 mtr Joist pole(150x150)mm	No.	3	21879.00	27621.73	82865.20
3	11 K.V. V cross arm	No.	1	810.00	1022.61	1022.61
4	Ms Back clamp	No.	1	80.00	101.00	101.00
5	11 KV F clamp	No.	1	240.00	302.99	302.99
6	11 KV GI Pin	No.	6	80.00	101.00	605.99
7	11 KV Pin Insulator porcelain	No.	6	200.00	252.50	1514.97
8	11 KV T&C Hardware (45KN)	set	6	130.00	164.12	984.73
9	Disc insulator(T&C)45 KN	No	6	290.00	366.12	2196.71
10	18 mm GI stay	No	3	1050.00	1325.60	3976.80
11	7/10 SWG Stay wire	Kg	30	75.00	94.69	2840.57
12	MS clamp for stay set	Pair	3	125.00	157.81	473.43
13	HT Stay Insulator	No.	3	50.00	63.12	189.37
14	40mm dia GI pipe Earthing device 3 Mtrs. Long	No.	5	1050.00	1325.60	6628.00
15	Earthing coil	No.	9	166.00	209.57	1886.14
16	100x50x6 mm MS Channel	Kg	120	65.00	82.06	9847.32
17	75x40x6 mm MS Channel	Kg	80	65.00	82.06	6564.88
18	50x50x6 mm MS Angle	Kg	60	65.00	82.06	4923.66
19	MS nut,bolt & washer	Kg	20	78.00	98.47	1969.46
20	Lightning arrestor	No.	3	3550.00	4481.79	13445.38
21	3Pole 11KV 200A AB switch	set	1	7350.00	9279.21	9279.21
22	3Pole 11KV 200A HG fuse \	set	1	6120.00	7726.36	7726.36
23	No. 6/8 GI wire Flat	Kg	20	75.00	94.69	1893.72
24	55 sq. mm single core HT cable	Km	0.239	75816.00	95715.95	22876.11
25	25 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	53800.00	67921.26	67921.26
26	LT distribution Box including kit-kat fuse with MCCB for25 KVA Transformer	No.	1	14930.00	18848.78	18848.78
27	50 sq. mm 3.5 core PVC cable	Mtr.	10	377.46	476.53	4765.35

28	All. Cable lug of different sizes	No	24	22.00	27.77	666.59
29	16 mm LT stay	No	4	520.00	656.49	2625.95
30	7/12 GI Stay wire	Kg	40	75.00	94.69	3787.43
31	LT stay clamp	No	4	110.00	138.87	555.49
32	LT Stay Insulator	No.	4	30.00	37.87	151.50
33	3x50+1x35+1x16 sqmm AB cable	KM	0.24	140000.00	176746.77	42419.23
34	Suspension clamp with eye Hook	No.	3	340.00	429.24	1287.73
35	Tension clamp	No.	4	65.00	82.06	328.24
36	Danger Board	No.	3	150.00	189.37	568.11
37	Concreting of joist pole	No.	9	1750.00	2209.33	19884.01
38	Concreting of stay	No.	7	1261.00	1591.98	11143.88
39	Boundary Wall with grill gate,metal and sand.	No.	1	55000.00	69436.23	69436.23
40	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	No.	1	3000.00	3787.43	3787.43
41	Sundries for survey, pvc tape, ampere Tape, Danger Board,small size Nut & Bolt with washer ,Allm. Binding tape,Danger Board etc.	No.	1	2000.00	2524.95	2524.95
42	Earthing materials	Ls	12	1892.00	2388.61	28663.28
43	Red Oxide paint	Ltr	6	150.00	189.37	1136.23
44	All. Paint	Ltr	8	200.00	252.50	2019.96
45	Black Paint	Ltr	1	220.00	277.74	277.74
A	TOTAL MATERIAL COST					568833.77
B	Stock, Storage & Insurance @ 3% of A					17065.01
C	Sub Total (C=A+B)					585898.78
D	Contingency @3% of C					17576.96
E	T & P 2% of C					11717.98
F	Transportation @ 7.5% of C					43942.41
G	Erection Charges for PSC Pole @ 20%					0.00
H	Erection Charges of DTR and Joist Poles @ 5%					13014.37
I	Erection Charges of other @ 10%					32561.14
J	Sub Total					704711.64
	Total Estimated Cost					7,04,711.64
	Total Estimated Cost in Figures					7,04,712.00
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.)