

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 6-F TYPE QTRS. AT HARICHANDANPUR FIRE STATION IN THE DIST. OF KEONJHAR.

BID REF NO :- 22/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. 2022-23	AMOUNT IN RS.
SCOPE A]	Upgradation of S/S from 25 KVA 11/0.4KV to 63 KVA 11/0.4KV DP mounted sub station - 1 No				
1	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.(9.2kg/mtr.)x2 Nos.	Kg.	52	65.00	3,380.00
2	Transformer mounting channel 100x50x6mm 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	52	65.00	3,380.00
3	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76	65.00	4,940.00
4	Transformer belting Angle 50x50x6mm-2.8 mtr long 2 nos(4.5Kg per mtr)with side angle(Total 7 mtr)	Kg	32	65.00	2,080.00
5	Angle for mounting LT Distribution Box (50x50x6)mm 2.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	23	65.00	1,495.00
6	3Pole 11KV 200A AB switch	set	1	7,350.00	7,350.00
7	3Pole 11KV 200A HG fuse	set	1	6,120.00	6,120.00
8	Lightning arrestor ,12 KV- 10KA	No.	3	3,550.00	10,650.00
9	HT stay set complete	Set	2	1,050.00	2,100.00
10	HT Stay Insulator	No.	2	50.00	100.00
11	HT stay Clamp	Pair	2	125.00	250.00
12	7/10 SWG Stay wire	Kg	20	75.00	1,500.00
13	GI Pipe earthing 40 mm dia medium gauge 3 Mtrs. Long	No	5	1,050.00	5,250.00
14	No. 6 GI wire	Kg	20	75.00	1,500.00

15	25x5 mm GI flat for neutral earthing	Kg	20	75.00	1,500.00
16	55 sq. mm AAAC	Km	0.04	30,000.00	1,200.00
17	Red Oxide paint	Ltr	4	150.00	600.00
18	All. Paint	Ltr	4	200.00	800.00
19	Black Paint	Ltr	0.5	220.00	110.00
20	MS Nut bolt & washer	Kg	36	78.00	2,808.00
21	63 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	86,500.00	86,500.00
22	LT distribution Box including kit-kat fuse with MCCB for 63 KVA Transformer	No.	1	18,322.00	18,322.00
23	3.5 core 35 sq. mm PVC cable	Mtr	15	152.00	2,280.00
24	All. Cable socket 35 sq. mm	No	32	35.00	1,120.00
25	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No.	2	834.00	1,668.00
26	Construction of Plinth	No.	1	35,000.00	35,000.00
27	Barbed wire fencing	No	1	19,000.00	19,000.00
28	Earthing materials	No	5	1,890.00	9,450.00
29	Sundries for survey, pvc tape, ampere Tape, Danger Board,small size Nut & Bolt with washer ,Allm. Binding tape,Danger Board etc.	No.	1	2,000.00	2,000.00
30	TOTAL MATERIAL COST				232,453.00
31	Escalation @6%for 2019-20				246,400.18
32	Escalation @6%for 2020-21				261,184.19
33	Escalation @6%for 2021-22				276,855.24
34	Escalation @6%for 2022-23				293,466.56
A	Escalation @6%for 2023-24				311,074.55
B	Stock, Storage & Insurance @ 3% of A				9,332.24
C	Sub Total (C=A+B)				320,406.79
D	Contingency @3% of C				9,612.20
E	T & P 2% of C				6,408.14
F	Transportation @ 7.5% of C				24,030.51
G	Erection Charges for PSC Pole @ 20%				-
H	Erection Charges of DTR and Joist Poles @ 5%				5,961.46
I	Erection Charges of other @ 10%				20,117.78
J	Sub Total				386,536.88
SCOPE [B]	LINE PART				
35	9 mtr Long RS Joist pole(116x100)mm	No.	6	13,455.00	80,730.00

36	11 KV Pin Insulator polymer	No.	3	200.00	600.00
37	11 KV T&C Hardware (45KN)	set	6	130.00	780.00
38	Disc insulator(T&C)45 KN Polymer	No	6	860.00	5,160.00
39	Pressure Channel 100X50X6mm.	Kg	22	65.00	1,430.00
40	80 sq. mm AAAC	Km	0.04	43,000.00	1,720.00
41	7/12 SWG Stay wire	Kg	30	75.00	2,250.00
42	LT stay set complete	No.	3	520.00	1,560.00
43	LT stay clamp	No	3	110.00	330.00
44	LT Stay Insulator	No.	3	30.00	90.00
45	3x50+1x35+1x16 sq. mm LT AB Cable	Km	0.264	140,000.00	36,960.00
46	Pole clamp for Eye Hook	Pair	6	200.00	1,200.00
47	Suspension clamp with eye Hook	No.	4	340.00	1,360.00
48	Dead end clamp	No.	2	65.00	130.00
49	Neutral connector	No	7	80.00	560.00
50	Piercing Connector	No	7	40.00	280.00
51	GI nut bolt of different sizes	Kg	10	78.00	780.00
52	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No.	3	834.00	2,502.00
53	Material cost for Concreting of RS Joist Pole1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.45 cum(PCC 1:3:6)	No.	6	2,040.00	12,240.00
54	Sundries for survey,tree cutting, small size nut & bolt with washer,Allm. Binding tape, Danger Board etc.	Ls	0.24	3,000.00	720.00
55	TOTAL MATERIAL COST				151,382.00
56	Escalation @6%for 2019-20				160,464.92
57	Escalation @6%for 2020-21				170,092.82
58	Escalation @6%for 2021-22				180,298.38
59	Escalation @6%for 2022-23				191,116.29
A	Escalation @6%for 2023-24				202,583.26
B	Stock, Storage & Insurance @ 3% of A				6,077.50
C	Sub Total (C=A+B)				208,660.76
D	Contingency @3% of C				6,259.82
E	T & P 2% of C				4,173.22
F	Transportation @ 7.5% of C				15,649.56
G	Erection Charges for PSC Pole @ 20%				-
H	Erection Charges of DTR and Joist Poles @ 5%				5,563.80
I	Erection Charges of other @ 10%				9,738.48

J	Sub Total				250,045.64
K	Total Estimated Cost				636,582.51
L	Total Estimated Cost in Figures				636,583.00
EXCESS	☐ LESS ☐ (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.)