

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
Ph: 0674-2541545, 2542921, Fax: 0674-2541543
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 JHUMPURA BUS STAND IN THE DISTRICT OF KEONJHAR..

BID REF NO :- 58/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	AMOUNT IN RS.
SCOPE [A]	Installation of 25 KVA ,11/0.4 KV DP mounted S/S-1 No.				
SCOPE [B]	11 KV 3Cx50 Sq. mm U/G XLPE cable				
1	11 mtr RS Joist pole(150x150)mm(for 11 KV,30.6 Kg/Mtr).	No.	2	21879.00	43758.00
2	11 K.V. V cross arm	No.	2	810.00	1620.00
3	11 KV F clamp	No.	2	240.00	480.00
4	Ms Back clamp for V Cross Arm	No.	2	80.00	160.00
5	11 KV Pin Insulator polymer	No.	4	200.00	800.00
6	11 KV T&C Hardware (45KN)	set	4	130.00	520.00
7	Disc insulator(T&C)45 KN polymer	No	4	860.00	3440.00
8	75x40x6 mm MS Channel	Kg	20	65.00	1300.00
9	3C X 50 Sq. mm XLPE Cable(armoured)	Mtr	220	406.00	89320.00
10	Heat shrinkable jointing kit for 3C X 50 Sq. mm XLPE Cable(out door type)	No	4	10949.00	43796.00
11	Danger Plate	No.	2	80.00	160.00
12	Anticlimbing device made of GI barbed wire	Kg	4	80.00	320.00
	Alluminium Binding wire	Kg	1	420.00	420.00
13	HT stay set complete	Pair	1	1050.00	1050.00
14	HT Stay Insulator	No.	1	50.00	50.00
15	HT stay clamp	Pair	1	125.00	125.00
16	7/10 SWG Stay wire	Kg	10	75.00	750.00
17	GI nut,bolt & washers of different sizes	Kg	10	78.00	780.00
18	Red Oxide paint	Ltr	4	150.00	600.00
19	All. Paint	Ltr	4	200.00	800.00
20	Black Paint	Ltr	1	220.00	220.00

21	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	Ls	1	3000.00	3000.00
34	TOTAL MATERIAL COST				193469.00
35	Escalation @6%for 2019-20				205077.14
36	Escalation @6%for 2020-21				217381.77
37	Escalation @6%for 2021-22				230424.67
A	Escalation @6%for 2022-23				244250.15
B	Stock, Storage & Insurance @ 3% of A				7327.50
C	Sub Total (C=A+B)				251577.66
D	Contingency @3% of C				7547.33
E	T & P 2% of C				5031.55
F	Transportation @ 7.5% of C				18868.32
G	Erection Charges for PSC Pole @ 20%				0.00
H	Erection Charges of DTR and Joist Poles @ 5%				2845.04
I	Erection Charges of other @ 10%				19467.69
J	Sub Total				305337.60
38	Material cost for concreting of stay 0.5 Mtr.x0.5 Mtr.x0.5 mtr.=0.125cum(PCC 1:3:6)	No.	1	540.00	540.00
39	Material cost for concreting of RS Joist Pole 1.83 Mtr.x0.3 Mtr.x0.3 mtr.=0.165 cum(PCC 1:2:4)	No.	2	713.00	1426.00
	Total Rs.				307303.60
PART-II	SUB-STATION PART				
1	10 mtr Long RS Joist pole(150x150)mm ,34.6 Kg/Mtr.	No.	2	22490.00	44980.00
2	Pressure Channel 100x50x6mm MS channel each 2.8 mtr long 2 Nos. (9.2 K.g per mtr)	Kg	52	65.00	3380.00
3	Transformer mounting channel 100x50x6mm GI channel each 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	52	65.00	3380.00
4	AB switch & HG Fuse,Mounting GI Channel (75x40x6)-2.8mtr long 2 nos(4.5 k.g per mtr)	Kg	76	65.00	4940.00
5	Transformer belting angle 50x50x6mm GI channel each 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	32	65.00	2080.00
6	Angel for mounting LT distribution Box - 50x50x6 mm -2.5.0 mtrs each Long 2 Nos. (4.5 Kg per mtr)	Kg	23	65.00	1495.00
7	3Pole 11KV 200A AB switch	set	1	7350.00	7350

8	3Pole 11KV 200A HG Fuse	set	1	6120.00	6120
9	11 KV LA12 KV-10 KA	No	3	3550.00	10650
10	11 KV Pin insulator (Polymer)	No	3	200.00	600
11	HT stay set complete	Set	2	1050.00	2100
12	HT Stay clamp	Pair	2	125.00	250
13	HT Stay Insulator	No.	2	50.00	100
14	7/10 SWG Stay wire	Kg	20	75.00	1500
15	All. Binding wire	Kg	1	420.00	420
16	40mm dia GI pipe Earthing device 3 Mtrs. Long	No.	5	1050.00	5250
17	No. 6 GI wire	Kg	20	75.00	1500
18	25x5 mm GI Flat for neutral earthing	Kg	20	75.00	1500
19	50 sq. mm Insulated conductor	Km	0.04	75816.00	3032.64
20	Red Oxide paint	Ltr	3	150.00	450
21	All. Paint	Ltr	2	200.00	400
22	Black Paint	Ltr	0.5	220.00	110
23	MS Nut, Bolt & washer	Kg	36	78.00	2808
24	25 KVA 11/0.4 KV (AL)Transformer(BIS energy Level-II)	No.	1	53800.00	53800
25	LT distribution Box with MCCB, including kitkat fuse for 25 KVA Transformer	No.	1	14930.00	14930
26	35 sq. mm 3.5 core PVC Cable	Mtr.	15	152.00	2280
27	All. Cable socket of different sizes	No	32	12.00	384
28	Earthing materials	Ls	5	1890.00	9450
29	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	2000.00	2000
30	TOTAL MATERIAL COST				187239.64
31	Escalation @6%for 2019-20				198474.02
32	Escalation @6%for 2020-21				210382.46
33	Escalation @6%for 2021-22				223005.41
A	Escalation @6%for 2022-23				236385.73
B	Stock, Storage & Insurance @ 3% of A				7091.57
C	Sub Total (C=A+B)				243477.30
D	Contingency @3% of C				7304.32
E	T & P 2% of C				4869.55
F	Transportation @ 7.5% of C				18260.80
G	Erection Charges for PSC Pole @ 20%				0.00
H	Erection Charges of DTR and Joist Poles @ 5%				6422.43
I	Erection Charges of other @ 10%				11502.86
J	Sub Total				291837.26

34	Material cost for concreting of stay 0.5 Mtr.x0.5 Mtr.x0.5 mtr.=0.125cum(PCC 1:3:6)	No.	2	540.00	1080
35	Material cost for concreting of RS Joist Pole 1.83 Mtr.x0.3 Mtr.x0.3 mtr.=0.165 cum(PCC 1:2:4)	No.	2	713.00	1426
36	Boundary wall with grill gate , metal & sand.	Ls	1	70000.00	70000
Total Rs.					3,64,343.26
Total Estimated Cost					6,71,646.85
Total Estimated Cost in Figures					6,71,647.00
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.)**