

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 :- 05 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-F+1-E TYPE QUARTERS AT PATRAPUR FIRE STATION IN THE DISTRICT OF GANJAM.

BID REF NO.- 01/PM/ELECT/OPHWC/2024-25

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.
PART-I	Installation of 100 KVA 11/0.4KV sub station -1 No.				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)	No	2	34321.52	68643.04
2	Top Pressure Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	97.50	5023.20
3	AB switch &HG fuse mounting GI channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	97.50	7425.60
4	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	K.g	9	97.50	877.50
5	11KV AB switch(3 pole,200 Amp,50Hz)	Set	1	9555.00	9555.00
6	11KV HG fuse (3 pole,200 Amp)	Set	1	7956.00	7956.00
7	9KV 10KA LA, Station class	No.	3	1300.00	3900.00
8	Birdproof cap for Lightning Arrester	No.	3	308.10	924.30
9	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
10	11 KV HW fitting (T&C)45 KN	No	3	169.00	507.00
11	HT stay set complete	No.	2	1365.00	2730.00
12	11KV stay insulator	No.	2	65.00	130.00
13	7/10 SWG stay wire, Grade-2	Kg	20	97.50	1950.00
14	HT stay clamp (1.9 Kg/Pair)	pair	2	162.50	325.00
15	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1365.00	9555.00
16	25x6 mm GI flat(others)	Kg	50	97.50	4875.00
17	25x4 mm GI flat(for LA)	Kg	8	97.50	780.00
18	100 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	152100.00	152100.00

19	LT Distribution Box with MCCB, Aluminium Bus Bar for single bay with Kitkat fuse for 100 KVA S/S .	No	1	31744.70	31744.70
20	Earthing Device coil type GI	No	2	215.80	431.60
21	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	97.50	51.09
22	GI Nuts and Bolts of assorted size	Kg	20	101.40	2028.00
23	55 sq. mm AAAC for jumpering	Km	0.03	39000.00	1170.00
24	3.5 core 95 sq. mm LT PVC Cable	Mtr.	15	432.90	6493.50
25	Danger Board	No.	2	104.00	208.00
26	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.204	97.50	117.39
27	GI 2 ply ,2.5 mm dia Barbed wire for Anticlimbing Device	Kg	6	104.00	624.00
28	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	6.12	97.50	596.70
29	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	1000.00	1000.00
					325075.62
PART-II	3 phase 3W 11 KV line with 80 sq. mm AAAC-0.01 Km				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)	No	1	34321.52	34321.52
2	Disc insulator 45 KN (T&C) Polymer	No.	6	1118.00	6708.00
3	11 KV HW fitting (T&C)45 KN	No	6	169.00	1014.00
4	11 Kv pin insulator Polymer	No	3	260.00	780.00
5	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 4 Nos,0.2 Mtr. Long 4 Nos. including tapping point.	Kg	53.36	97.50	5202.60
6	HT stay set complete	No.	2	1365.00	2730.00
7	11KV stay insulator	No.	2	65.00	130.00
8	7/10 SWG stay wire	Kg	20	97.50	1950.00
9	HT stay clamp (1.9 Kg/Pair)	pair	2	162.50	325.00
10	GI 2 ply ,2.5 mm dia Barbed wire for Anticlimbing Device	Kg	3	104.00	312.00
11	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.224	97.50	119.34
12	Earthing support coil type	No	1	215.80	215.80
13	Danger Board	No	1	104.00	104.00
14	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.602	97.50	58.70
15	80 sq. mm AAAC	Km	0.0309	55900.00	1727.31
16	PG clamp for 80 sq. mm AAAC	No.	6	689.00	4134.00
17	GI Nut, Bolt & washer	Kg	6	101.40	608.40
18	Saundries	No.	1	500.00	500.00
					60940.67
PART-III	Construction of LT 3ph 6 W line using 4x50+1x50+1x16 sqmm XLPE AB Cable=0.29 Km				
1	8 Mtr Long 200 KG PSC Pole	No	10	2600.00	26000.00

2	4x50+1x50+1x16 sqmm XLPE AB Cable	Mtr.	0.29	228423.80	65877.42
3	Insulated piercing connector.Type-A-main 50 to 150 sq.mm & Tap-50 to 150 sq.mm	No	8	104.00	832.00
4	Pole clamp for eye Hook for AB cable	pair	8	260.00	2080.00
5	Dead end clamp with Eye Hook	No	4	84.50	338.00
6	Suspension clamp with I Hook	No.	8	442.00	3536.00
7	L.T Stay set (Complete)	Set	3	676.00	2028.00
8	L.T Stay Insulator	No.	3	39.00	117.00
9	L.T Stay Clamp(1.4 K.g/Pair)	Pair	3	143.00	429.00
10	7/12 SWG Stay Wire	Kg	21	97.50	2047.50
11	Earthing device coil type	No	10	215.80	2158.00
12	Base plate for Support	No	10	364.00	3640.00
13	Danger Board	No.	10	104.00	1040.00
14	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	6.018	97.50	586.76
15	GI 2 ply ,2.5 mm dia Barbed wire for Anticlimbing Device	Kg	20	104.00	2080.00
16	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	12.24	97.50	1193.40
17	GI Nut, Bolt & washer	Kg	12	101.40	1216.80
18	Black Paint	Ltr.	0.5	288.49	144.25
19	Sundries	LS	1	500.00	500.00
					115844.12
	A.Sub Total Rs.				5,01,860.41
B	Stock,storage and insurance (@3% on A)				15055.81
C	TOTAL RS.				516916.22
D	T&P @ 2% of C				10338.32
E	Contingency @ 3% of C				15507.49
F	Transportation @ 7.5% of C				38768.72
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				41233.79
H	TOTAL RS.				622764.54
20	Cement Concreting stud/stay anchor plate CC foundation 1:2:4 size by using 20 mm size hard granite metal= 0.5Mtr.x 0.5Mtrx0.8 mtr= 0.2 cum	Nos.	7	1235.58	8649.06
21	Padding and Concreting for PSC Pole C.C.1:1:5:3 with dimension =0.5 Mtr.x0.5 Mtr.x1.5 Mtr.=0.375 cum @6400 and coupling C.C 1:1:5:3 with dimension =0.5 Mtr.x0.5 Mtr.x0.45 Mtr.=0.1125 cum @ 6400	Nos.	10	3120.00	31200.00

22	Padding and Concreting for WPB/ Joist Pole C.C.1:1:5:3 with dimension =0.5 Mtr.x0.5 Mtr.x1.8 Mtr.=0.45 cum @6400 and coupling C.C 1:1:5:3 with dimension =0.5 Mtr.x0.5 Mtr.x0.45 Mtr.=0.1125 cum @ 6400	Nos.	3	3600.00	10800.00
23	Materials for masonry work for earth pit, charcoal, salt etc., including construction of earthing chamber(size 2x2)ft and RCC slab cover.	No	7	1600.00	11200.00
24	Construction of Boundary wall	Ls	1	65000.00	65000.00
25	Plinth for S/S	No	1	21270.00	21270.00
26	Grill Gate & Locking arrangement	Ls	1	2000.00	2000.00
27	Sand Spreading(including material & Lobour)	Ls	1	1100.00	1100.00
28	Metal Spreading(including material & Lobour)	Ls	1	2800.00	2800.00
29	Dismantling of 11 KV Line	Span	1	500.00	500.00
30	Dismantling of PSC Pole	Nos.	1	972.00	972.00
31	Dismantling of Single Pole mounted S/S	Nos.	1	2000.00	2000.00
					1,57,491.06
	Total Rs.				7,80,255.60
	Cess @ 1%				7,802.56
	Total Estimated Cost				7,88,058.15
	Total Estimated Cost in Figures				7,88,058.00
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/-
D.M (Elect) I/C**

**Sd/-
Project Manager(Elect.)**