

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 :- 8 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 30 WOMEN BARRACK AND 8-E TYPE QUARTERS AT RESERVE OFFICE CAMPUS, BALASORE IN THE DISTRICT OF BALASORE.

BID REF NO :- 103/PM/ELECT/OPHWC/2023-24

**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 3W 11 KV Line with 100 sq. mm OH insulated conductor from tapping point to S/S DP-0.12 Km. Installation of 100 KVA Transformer-1 No				
1	150x150 mm 11 Mtr. Long GI joist Pole(34.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	2	28545.00	57090.00
2	116x100 mm 9 Mtr. Long GI joist Pole(23 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	1	15525.00	15525.00
3	11 KV Pin Insulator polymer	No.	6	200.00	1200.00
4	11 KV T&C Hardware (45KN)	set	6	130.00	780.00
5	Disc insulator(T&C)45 KN Polymer	No	6	860.00	5160.00
6	100X50X6mm GI Channel (each 2.8 Mtr. Long ,9.2 Kg/Mtr.)x2 Nos.	Kg	128.8	75.00	9660.00
7	75x40x6mm GI Angle (each 2.8 Mtr. Long 6.8 Kg/Mtr.)with side angle	Kg	133.28	75.00	9996.00
8	50x50x6 mm GI Angle (each 2.8 Mtr. Long 4.5 Kg/Mtr.)with side angle	Kg	60.4	75.00	4530.00
9	HT Stay set complete	Set	1	1050.00	1050.00
10	7/10 SWG Stay wire	Kg	10	75.00	750.00
11	HT Stay Insulator	No.	1	50.00	50.00
12	HT stay clamp	Pair	1	125.00	125.00
13	100 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	117000.00	117000.00

14	LT distribution Box with MCCB,Aluminium Bus bar of 2-bay with kit-kat fuse for 100 KVA Transformer	No.	1	24419.00	24419.00
15	11 KV 1 core, 100 sq. mm XLPE insulated conductor(Unarmoured)	Km	0.1018	90000.00	9162.00
16	11 KV 3 pole 200 A AB switch	Set	1	7350.00	7350.00
17	11 KV 3 pole 200 A HG Fuse with PI	Set	1	6120.00	6120.00
18	Lightning arrestor ,12 KV- 10KA	No	3	3550.00	10650.00
19	GI pipe earthing device 40 mm dia medium gauge 3 mtrs. Long	No	5	1050.00	5250.00
20	25x6 mm GI flat for body earthing	Kg	30	75.00	2250.00
21	50x6 mm GI flat for neutral earthing	Kg	15	75.00	1125.00
22	PG Clamp for 100 sq. mm AAA Conductor	No	6	580.00	3480.00
23	GI nut,bolt & washer	Kg	25	78.00	1950.00
24	3.5 core 95 sq. mm LT PVC cable(unarmoured)	Mtr	20	333.00	6660.00
25	All. Cable socket	No	32	52.00	1664.00
26	Danger Board	No	2	80.00	160.00
27	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	4	80.00	320.00
28	Earthing material	No	5	1890.00	9450.00
29	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	2000.00	2000.00
30	TOTAL MATERIAL COST				314926.00
31	Escalation @6%for 2019-20				333821.56
32	Escalation @6%for 2020-21				353850.85
33	Escalation @6%for 2021-22				375081.90
34	Escalation @6%for 2022-23				397586.82
A	Escalation @6%for 2023-24				421442.03
B	Stock, Storage & Insurance @ 3% of A				12643.26
C	Sub Total (C=A+B)				434085.29
D	Contingency @3% of C				13022.56
E	T & P 2% of C				8681.71
F	Transportation @ 7.5% of C				32556.40
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				13068.00

I	Erection Charges of other @ 10%				17272.52
J	Sub Total				518686.47
35	Material cost for Concreting of 11 Mtr. Long RS Joist pole 2.13 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	2	2613.70	5227.40
36	Material cost for Concreting of 9 Mtr. Long RS Joist pole 1.80 Mtrx0.4 Mtr.x0.4 Mtr=0.29 cum(PCC 1:3:6)	No	1	2208.96	2208.96
37	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	1	1138.70	1138.70
38	Plinth of Distribution Transformer	No	1	41300.00	41300.00
39	Barbed Fencing with Grill gate ,metal and Sand.	Ls	1	41300.00	41300.00
	Total Rs.				609861.53
SCOPE [B]	Construction of 3 ph 5 w LT Line-0.35 Km				
1	116x100 mm 9 Mtr. Long GI joist Pole(23 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	9	15525.00	139725.00
2	AB cable(3x50+1x35+1X16) sq. mm	kM	0.36	140000.00	50470.00
3	Dead end clamp	No.	8	65.00	520.00
4	Suspension clamp with I hook	No.	4	340.00	1360.00
5	Pole clamp with I hook(ABC)	Pair	9	200.00	1800.00
6	Insulated piercing connector.Type-A-main 16 to 95 sq.mm & Tap-16 to 95 sq.mm	No	27	80.00	2160.00
7	Neutral connector type B suitable for Main 35 to 70 sq. mm nAAAC & Tap-2.5 to 10 sq. mm service cable over by black weather resistant insulation cover.	No	9	33.00	297.00
8	LT Stay set complete	Set	3	520.00	1560.00
9	7/12 SWG GI stay wire	Kg	30	75.00	2250.00
10	LT stay insulator	No.	3	110.00	330.00
11	LT stay clamp	No.	3	30.00	90.00
12	GI nut,bolt of assorted size	Kg	25	78.00	1950.00
13	Earthing Coil	No.	9	166.00	1494.00
14	Sundries for survey, tree cutting , small size nut & bolt,insulated tape,Al. binding tape Danger board etc.	Ls	1	3000.00	3000.00
15	Total Rs.				207006.00
16	Escalation @6%for 2019-20				219426.36
17	Escalation @6%for 2020-21				232591.94
18	Escalation @6%for 2021-22				246547.46
19	Escalation @6%for 2022-23				261340.31

A	Escalation @6%for 2023-24				277020.72
B	Stock, Storage & Insurance @ 3% of A				8310.62
C	Sub Total (C=A+B)				285331.35
D	Contingency @3% of C				8559.94
E	T & P 2% of C				5706.63
F	Transportation @ 7.5% of C				21399.85
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				9629.65
I	Erection Charges of other @ 10%				9273.83
J	Sub Total				339901.24
20	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:3:6)	No	3	1138.70	3416.10
21	Material cost for Concreting of 9 Mtr. RS Joist Pole1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.29cum(PCC 1:3:6)	No	9	2208.96	19880.64
	Total Rs.				363197.98
	Total Estimated Cost				973,059.51
	Total Estimated Cost in Figures				973,060.00
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.)**