

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 :- SHIFTING AND RECONSTRUCTION OF LINE AND SUB-STATION AT CONSTRUCTION SITE OF ARADI BUS STAND IN THE DISTRICT OF BHADRAK.

BID REF NO :- 12/PM/ELECT/OPHWC/2024-25

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
SCOPE [A]	Shifting of 25 KVA 11/0.4KV S/S- 1 No				
SCOPE [B]	Construction of 3 ph 3 wire 11 KV line - 0.12 Km				
SCOPE [C]	Construction of 3 Ph 5 W LT Line-0.3 Km				
SCOPE [D]	Guarding-1 No., Cut Point-2 No.				
SCOPE [E]	Dismantling of 11 Kv line -0.12 Km, 1 Ph AB cable-0.1 Km.				
1	9 mtr. Long 300 KG PSC Pole	No	7	3000	21000.00
2	11 mtr RS Joist pole(150x150)mm(34.6 Kg/Mtr.)MAKE-SAIL/JINDAL/TATA	No.	6	24739.00	148434.00
3	11 K.V. V cross arm	No.	4	810.00	3240.00
4	11 KV F clamp	No.	4	240.00	960.00
5	Back clamp for V cross arm	No.	4	80.00	320.00
6	11 KV Pin Insulator polymer	No.	12	200.00	2400.00
7	11 KV T&C Hardware (45KN)	set	15	130.00	1950.00
8	Disc insulator(T&C)45 KN Polymer	No	15	860.00	12900.00
9	Pressure Channel 100x50x6mm MS channel each 2.8 mtr long 2 Nos. (9.2 K.g per mtr)	Kg	252	65.00	16380
10	Transformer mounting channel 100x50x6mm MS channel each 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	52	65.00	3380
11	AB switch & HG Fuse,Mounting MS Channel (75x40x6)-2.8mtr long 2 nos(4.5 k.g per mtr)	Kg	76	65.00	4940
12	Transformer belting angle 50x50x6mm MS channel each 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	32	65.00	2080

13	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
14	3Pole 11KV 200A AB switch	set	1	7350.00	7350
15	3Pole 11KV 200A HG Fuse	set	1	6120.00	6120
16	11 KV LA 12 KV-10 KA	No	3	3550.00	10650
17	HT stay set complete	Set	6	1050.00	6300
18	HT Stay clamp	Pair	6	125.00	750
19	HT Stay Insulator	No.	6	50.00	300
20	7/10 SWG Stay wire	Kg	60	75.00	4500
21	40mm dia GI pipe Earthing device 3 Mtrs. Long	No.	5	1050.00	5250
22	25x5 mm GI Flat for neutral earthing	Kg	120	75.00	9000
23	55 sq. mm Insulated conductor	Km	0.411	75920.14	31203.18
24	Earthing of support coil type	No	3	166.00	498.00
25	Anticlimbing device made of GI barbed wire with clamping arrangement(2 Kg. per support)	Kg	6	80.00	480.00
26	Red Oxide Paint	Ltr	3	150.00	450.00
27	All. Paint	Ltr	4	200.00	800
28	Black Paint	Ltr	0.5	220.00	110
29	3x50+1x35+1x16 sq. mm LT XLPE Aerial Bunched cable	Km	0.31	140000.00	43400.00
30	Dead end clamp	No.	4	65.00	260.00
31	Suspension clamp with I hook for ABC	Pair	6	340.00	2040.00
32	Pole clamp for I hook(ABC)	No	7	200.00	1400.00
33	Piercing connector	No	14	80.00	1120.00
34	Neutral connector	No	4	40.00	160.00
35	LT stay set	Set	2	520.00	1040.00
36	7/12 SWG GI stay wire	Kg	20	75.00	1500.00
37	LT stay insulator	No.	2	110.00	220.00
38	LT stay clamp	No.	2	30.00	60.00
39	Earthing materials	No.	5	1890.00	9450.00
40	GI nut,bolt & washer	Kg	60	78.00	4680.00
41	LT Distrubution Box with MCCB, Aluminim Busbar of single Bay with kit kat Fuse for 25 KVA S/S.	No.	1	14930.00	14930
42	50 sq. mm 3.5 core PVC Cable	Mtr.	15	239.54	3593.1
43	Guarding for Road crossing	No	1	17550.00	17550
44	All. Cable socket of 50 sq. mm	No	32	14.16	453.12
45	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	Ls	2	3000.00	6000
46	TOTAL MATERIAL COST				411096.40
47	Escalation @6%for 2019-20				435762.18
48	Escalation @6%for 2020-21				461907.91
49	Escalation @6%for 2021-22				489622.39
50	Escalation @6%for 2022-23				518999.73
51	Escalation @6%for 2023-24				550139.71
A	Stock, Storage & Insurance @ 3% of A				16504.19
C	Sub Total (C=A+B)				566643.91

D	Contingency @3% of C				16999.32
E	T & P 2% of C				11332.88
F	Transportation @ 7.5% of C				42498.29
G	Erection Charges for PSC Pole @ 20%				5789.16
H	Erection Charges of DTR and Joist Poles @ 5%				10229.86
I	Erection Charges of other @ 10%				33310.08
J	Sub Total				6,86,803.49
K	Transportation + Labour cost of Dismatled materials(as per Estimate)				4,395.00
L	Total Rs.				6,91,198.49
M	Salvage Value of Dismantled material				3,111.42
N	Total Cost				6,88,087.07
52	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:2:4)	No	8	833.90	6671.20
53	Material cost for Concreting of PSC Pole 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:2:4)	No	7	834.00	5838.00
54	Material cost for Concreting of Joist Pole 1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.45 cum(PCC 1:3:6)	No	6	2039.83	12238.98
55	Substation fencing with metal spreading	No	1	19000.00	19000.00
	Sub Total Rs.				731835.25
	Cess @ 1%				7318.35
	Total Estimated Cost				7,39,153.61
	Total Estimated Cost in Figures				7,39,154.00
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/-
Project Manager(Elect.)

Sd/-
DM (Elect) I/C