

TENDER INVITING AUTHORITY: JOINT MANAGER (ELECTRICAL DIVISION),THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD, BHUBANESWAR					
NAME OF THE WORK :-EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO LAXMIPOSHI OUT POST IN THE DIST. OF MAYURBHANJ.					
BID REF NO.- 19/JM/ELECT/OPHWC/2020-21					
Bidder Name					
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 3 wire 11 KV line using 55 sq. mm AAAC. Guarding provision-01 span Cut point-01 No.	KM	0.25		
SCOPE [B]	Installation of 25 KVA 11/0.4KV (BIS energy Level-II) DP mounted sub station .	NO	1		
SCOPE [C]	Construction of 3 ph 4 wire LT line with (3x35+1x25) sq.mm XLPE AB cable.	KM	0.12		
SCOPE [C]	Stud pole-1 No.				
1	150x150 mm RS Joist 34.6 kg each 10 Mtr Long	No.	7	22490.00	157430.00
2	9 Mtr long 300 KG PSC Pole	No.	4	3000.00	12000.00
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.	21	200.00	4200.00
7	11 HW fitting(T&C)45 KN	No	12	130.00	1560.00
8	11 KV Disc insulator(T&C)45 KN polymer	set	12	860.00	10320.00
9	HT stay set complete	Set	5	1050.00	5250.00
10	7/10 SWG Stay wire	Kg	50	75.00	3750.00
11	HT Stay clamp	Pair	5	125.00	625.00
12	HT Stay Insulator	No.	5	50.00	250.00
13	Earthing of support coil type	No	6	166.00	996.00
14	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long	No.	5	1050.00	5250.00
15	Earthing materials	No.	5	1749.60	8748.00
16	100x50x6mm MS channel 9.2 Kg/Mtr.	K.g	250	65.00	16250.00
17	75x40x6 mm MS channel 6.8 Kg/mtr	K.g	80	65.00	5200.00
18	50x50x6 mm MS Angle 4.5 Kg/mtr.	K.g	70	65.00	4550.00
19	GI Nuts & Bolts of assorted sizes	Kg	40	78.00	3120.00
20	3Pole 11KV 200A AB switch	set	1	7350	7350.00
21	3Pole 11KV 200A HG Fuse	set	1	6120	6120.00
22	GI Flat 75x8mm	Kg	35	75.00	2625.00
23	No. 8 GI wire(Dia 4.6 mm)	Kg	60	75.00	4500.00
24	11 KV LA12 KV-10 KA	No	3	3550	10650.00
25	55 sq. mm AAAC	Km	0.86	30000.00	25800.00
26	25 KVA 11/0.4 KV Transformer(BIS energy Level-II)	No.	1	53800.00	53800.00
27	LT distribution Box including kit-kat fuse with MCCB for 25 KVA Transformer	No.	1	14930.00	14930.00
28	3x35+1x25 sqmm XLPE AB cable	KM	0.13	108000.00	14040.00
29	LT stay set complete	No.	3	520.00	1560.00

30	7/12 GI Stay wire	Kg	32	75	2400.00
31	Clamp for LT stay	Pair	3	110	330.00
32	LT Stay Insulator	No.	3	30	90.00
33	Suspension clamp with eye Hook for ABC	No	1	340	340.00
34	Dead end Clamp	No.	3	65	195.00
35	Pole clamp for eye hook	No.	4	200	800.00
36	Piercing connector	No	3	80.00	240.00
37	Neutral connector	No	1	40.00	40.00
38	Anticlimbing device made of GI Barbed wire,clamping arrangement etc.	Kg	20	80.00	1600.00
39	Material cost for concreting of Joist pole 1.8 Mtr.x0.5 Mtr.x0.5 mtr.=0.45cum(PCC 1:2:4)	No.	7	2040.00	14280.00
40	Material cost for concreting of PSC Pole 1.8 Mtr.x0.5 Mtr.x0.5 mtr.=0.45cum(PCC 1:2:4)	No.	3	2000.00	6000.00
41	Material cost for concreting of stay 1.65 Mtr.x0.3 Mtr.x0.3 mtr.=0.1485cum(PCC 1:2:4)	No.	8	834.00	6672.00
42	Red Oxide paint	Ltr	1	150	150.00
43	All. Paint	Ltr	0.5	200	100.00
44	Black Paint	Ltr	0.5	220	110.00
45	35 sq. mm 3.5 core PVC Cable	Mtr.	15	152	2280.00
46	Barbed wire Fencing (size 15'x10') with Construction of retaining wall ,erection of RCC fencing post ,sand filling, metal spreading &Iron grill gate.	LS	1	19000.00	19000.00
47	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	2000	2000.00
48	Sundries for survey,tree cutting, small size nut & bolt,Allm. Binding tape,Danger Board etc.	Ls	0.25	3000.00	750.00
49	Sundries for survey,tree cutting, insulated Tape Mceal compound etc.	Ls	0.12	2000.00	240.00
A	TOTAL MATERIAL COST(FOR-2018-19)				443011.00
B	Stock, Storage & Insurance @ 3% of A				13290.33
C	Sub Total (C=A+B)				456301.33
D	Contingency @3% of C				13689.04
E	T & P 2% of C				9126.03
F	Transportation @ 7.5% of C				34222.60
G	Erection Charges for PSC Pole @ 20%				2472.00
H	Erection Charges of DTR and Joist Poles @ 5%				10878.35
I	Erection Charges of other @ 10%				22637.44

J	Sub Total				549326.79
K	Total Estimated Cost				549327.00
EXCESS	<input type="text"/> LESS <input type="text"/> (Please Tick)	_____ %			
Quoted Amount in Figure					
Quoted Amount in words					

N:B- The Estimated cost is exclusive of GST.i.e. @ 12%.

Signature of Tenderer with seal

Sd/-
Asst. Project Manager[Elect.]

Sd/-
APM Elect. (Hqr.)

Sd/-
Joint Manager(Elect.)