

**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 OFFICE-CUM-RESIDENCE OF ZONAL DSP SPL. BRANCH,JAJPUR TOWN IN THE DIST. OF JAJPUR.**

**BID REF NO.- 30/JM/ELECT/OPHWC/2018-19**

Bidder Name

**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
SCOPE-A	<b>Construction of 3 ph 3 wire 11 KV OH line using 11 mtr. Long 150X150 MM RS Joist pole with 55 sq.mm Insulated Conductor.(with 1 No. interposing pole on 11 kv Line)</b>	<b>KM</b>	<b>0.06</b>		
SCOPE-B	<b>Installation of 25 KVA (3 star rated) 11/0.4KV DP mounted sub station using 9 mtr. Long 300 kg psc pole alongwith Boundary wall of S/S with metal spreading .</b>	<b>NO</b>	<b>1</b>		
SCOPE-C	<b>Construction of 3 Ph 5 w LT Line with 9 mtr. Long 300 kg psc pole using 3x50+1x35+1x16 sq. mm AB Cable.</b>	<b>KM</b>	<b>0.1</b>		
1	11 Mtr long RS Joist Pole(150x150 mm)	No.	3	24773.25	74319.75
2	9 Mtr PSC Pole (300 kg)	No.	3	4126.66	12379.98
3	11 KV V Cross Arm(MS)10.2 KG	No.	1	663.92	663.92
4	Back clamp for 'V'(1.44 KG)	No.	1	113.16	113.16
5	11 KV F clamp	No.	1	218.30	218.30
6	11 KV GI Pin	No.	6	85.12	510.72
7	11 KV Pin Insulator porcelain	No.	6	82.11	492.66
8	11 KV T&C Hardware fitting 45 KN	Set	6	136.19	817.14
9	11 KV T&C Dics Insulator	No.	12	301.41	3616.92
10	Pressure channel(5.6 Mtr.)+Transformer Mounting channel (5.6 Mtr.)100x50x6 mm MS channel	Kg	133.04	65.09	8659.57
11	AB switch &HG fuse mounting channel(75x40x6)mm,ms channel	K.g	76.16	65.09	4957.25
12	Transfor belting angle(7 Mtr.) and angle for mounting LT Distribution box(5 Mtr.)50x50x6 mm MS Angle	K.g	54	65.09	3514.86
13	18mm GI HT Stay	Set	3	1365.10	4095.30
14	7/10 G.I Stay Wire	Kg	30	75.10	2253.00
15	Clamp for HT stay	Pair	3	98.95	296.85
16	HT Stay Insulator	No.	3	55.08	165.24
17	40 mm GI Pipe Earthing Device 3 mtr. Long	No.	5	805.10	4025.50
18	No.-6/8 G.I wire	Kg	20	75.10	1502.00
19	25x5 mm GI flat for neutral earthing	Kg	20	75.10	1502.00
20	Earthing Coil type	No.	1	212.29	212.29
21	Anticlimbing device made of GI barbed wire,clamping arrangement etc.(2 kg per support)	No.	2	80.11	160.22
22	GI bolt& nuts of assorted size	Kg	39	85.12	3319.68
23	55 sq. mm Insulated conductor	Km	0.226	75920.14	17157.95
24	3 pole 11KV 400 A AB switch	Set	1	12016.48	12016.48
25	3 pole 11KV 400 A HG fuse with PI	Set	1	12016.48	12016.48
26	11 KV Lightning areestor(9 KV,10 KA)	No.	3	2052.82	6158.46

27	LT Distribution box including Kit-Kat fuse with MCCB for 25 KVA Tfr.	No.	1	15201.80	15201.80
28	25 KVA 11/0.4KV Transformer (3 star)	No.	1	60736.11	60736.11
29	120 sq. mm 3.5 core pvc cable	Mtr.	15	656.61	9849.15
30	All. Cable socket 120 sq. mm	No.	32	9.92	317.44
31	Red Oxide paint	Ltr	3	124.37	373.11
32	All. Paint	Ltr	4	216.30	865.20
33	Black Paint	Ltr	0.5	100.20	50.10
34	3x50+1x35+1x16 sq. mm AB Cable	Km	0.103	167324.92	17234.47
35	Dead-End clamp	No	4	68.58	274.32
36	suspension clamp with eye hook for ABC	No	1	351.61	351.61
37	Pole clamp with Eye Hook for AB Cable	No	3	213.56	640.68
38	Piercing connector	No	4	86.17	344.68
39	Neutral connector	No	4	32.86	131.44
40	LT stay set complete	Set	3	737.30	2211.90
41	7/12 GI stay wire	Kg	30	75.10	2253.00
42	clamp for LT stay	Pair	3	82.07	246.21
43	LT stay insulator	No	3	29.20	87.60
44	Boundary wall of S/S with metal spreading	Ls	1	64240.12	64240.12
45	concreting of poles	Each	6	1752.40	10514.40
46	concreting of stay	Each	6	1167.60	7005.60
47	Earthing materials	Ls	5	1752.40	8762.00
48	Sundries for survey, tree cutting, small size nut & bolt with washer, allm. Binding tape, Danger Board etc.	LS	0.06	6308.65	378.52
49	Sundries of survey, tree cutting, insulated tape, Mceal compound etc.	LS	0.1	1001.37	100.14
50	Sundries of survey, PVC tape, Amp tape, Danger Board, small size nut & bolt preparation of drawing cable socket etc.	LS	1	3104.26	3104.26
A	TOTAL MATERIAL COST(FOR-2017-18)				380419.54
B	8% ESCALATION FOR 2018-19				410853.11
C	30% CONSTRUCTION CHARGES OVER THE MATERIAL COST				123255.93
D	SUB TOTAL				534109.04
E	Total Estimated Cost in Figures				534,109.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)		_____ %		
Quoted Amount in Figure					
Quoted Amount in words					

N:B- The Estimated cost is exclusive of GST.

Signature of Tenderer with seal

Sd/-  
Asst. Project Manager[Elect.]

Sd/-  
APM Elect. (Hqr.)

Sd/-  
Consultant(Elect.)

Sd/-  
Joint Manager(Elect.)