

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 MINIMAST LIGHT AT SUB-JAIL,RAIRANGPUR IN THE DIST. OF MAYURBHANJ.					
BID REF NO.- 22/JM/ELECT/OPHWC/2018-19					
Bidder Name					
<u>SCHEDULE OF WORKS</u>					
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 OH line using 9 mtr. Long 116X100 MM RS Joist pole with 55 sq. AAA Conductor.	KM	0.12		
SCOPE-B	Installation of 63 KVA (3 star rated) 11/0.4KV DP mounted sub station using 9 mtr. Long 116X100 MM RS Joist pole alongwith Boundary wall with Fencing metal spreading & grill gate .	NO	1		
SCOPE-C	Construction of 3 Ph 5 w LT Line with 8 mtr. Long PSC pole using 3x50+1x35+1x16 sq. mm AB Cable.	KM	0.8		
1	9 Mtr long RS Joist Pole(116x100 mm)	No.	4	13473.63	53894.52
2	8 Mtr long PSC Pole	No.	21	2907.99	61067.79
3	11 KV V Cross Arm(MS)10.2 KG	No.	2	663.92	1327.84
4	Back clamp for 'V'(1.44 KG)	No.	2	113.16	226.32
5	11 KV F clamp 2.9 KG each	No.	2	218.3	436.6
6	11 KV GI Pin	No.	9	85.12	766.08
7	11 KV Pin Insulator porcelain	No.	9	82.11	738.99
8	11 KV T&C Hardware 45 KN	Set	6	136.19	817.14
9	11 KV T&C Dics Insulator	No.	12	301.41	3616.92
10	18mm GI HT Stay	Set	3	1363.23	4089.69
11	7/10 G.I Stay Wire	Kg	30	75.1	2253
12	Clamp for HT stay	Pair	3	98.95	296.85
13	HT Stay Insulator(140x85 mm)	No.	3	55.08	165.24
14	40 mm GI Pipe Earthing Device 3 tr. Long	No.	5	805.1	4025.5
15	Earthing Materials	No.	5	1749.6	8748
16	100 x 50x 6 mm MS Channel (9.2 kg/mtr.)	Kg	130	65.09	8461.7
17	75x40x6mm MS channel(6.8 kg/mtr.)	Kg	80	65.09	5207.2
18	50x50x6mm MS angle (4.45 kg/mtr.)	Kg	50	65.09	3254.5
19	GI bolt& nuts of assorted size	Kg	52	85.12	4426.24
20	3 pole 11KV 200 A AB switch	Set	1	10512.42	10512.42
21	3 pole 11KV 200 A HG fuse	Set	1	6376.75	6376.75
22	GI Flat for earthing 50x6	Kg	35	75.1	2628.5
23	11 KV Lightening areestor(9 KV,10 KA)	No.	3	2052.82	6158.46
24	55 sq. mm All Aluminium aloy conductor AAAC	Km	0.41	35040.07	14366.4287
25	63 KVA 11/0.4KV Transformer (3 star)	No.	1	116800.22	116800.22
26	LT Distribution box for 63 KVA S/S	No.	1	23496.65	23496.65
27	3x50+1x35+1x16 sq. mm AB Cable	Km	0.82	167324.92	137206.4344
28	LT stay set complete	Set	15	736.29	11044.35
29	7/12 GI stay wire	Kg	113	75.1	8486.3
30	clamp for LT stay	Pair	15	82.07	1231.05
31	LT stay insulator 110x75 mm	No	15	29.2	438
32	suspension clamp with eye hook	No	13	84.8	1102.4
33	Dead-End clamp	No	8	68.58	548.64
34	Pole clamp with Eye Hook	No	21	213.56	4484.76
35	Piercing connector	No	3	86.17	258.51
36	Neutral connector	No	3	32.86	98.58

37	Padding and coupling of poles	No	25	330	8250
38	concreting of stay	No	18	240	4320
39	Red Oxide paint	Ltr	1	124.2	124.2
40	All. Paint	Ltr	1	216	216
41	Black Paint	Ltr	0.5	100.06	50.03
42	95 sq. mm 3.5 core LT pvc unarmoured cable	Mtr.	15	421.56	6323.4
43	Boundary wall fencing metal spreading & grill gate	Ls	1	64000	64000
44	Sundries of survey, PVC tape, Amp tape, Danger Board, small size nut & bolt preparation of drawing cable socket etc.	LS	1	3100	3100
45	Sundries for survey, tree cutting, small size nut & bolt with washer, allm. Binding tape, Danger Board etc.	LS	0.12	6300	756
46	Sundries of survey, tree cutting, allm. Binding tape, Mceal compound etc.	LS	0.8	1000	800
A	TOTAL MATERIAL COST(FOR-2017-18)				596998.20
B	8% ESCALATION FOR 2018-19				644758.06
C	30 % CONSTRUCTION CHARGES OVER THE MATERIAL COST				193427.42
D	SUB TOTAL				838185.48
E	CESS				8381.85
F	Total				846567.33
G	Total Estimated Cost in Figures				846,567.00
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.)**