

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,KARANJIA 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	0.05		
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 9 mtr. Long 116X100 MM RS Joist pole using 3x50+1x35+1x16 sq. mm AB Cable.	KM	0.4		
1	9 Mtr long RS Joist Pole(116x100 mm)	No.	4	13473.63	53894.52
2	8 Mtr long RS Joist Pole (116x100 mm)	No.	10	11976.56	119765.6
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	12	136.19	1634.28
9	11 KV T&C Disc Insulator	No.	24	301.41	7233.84
10	18mm GI HT Stay	Set	5	1363.23	6816.15
11	7/10 G.I Stay Wire	Kg	50	75.1	3755
12	Clamp for HT stay	Pair	5	98.95	494.75
13	HT Stay Insulator(140x85 mm)	No.	5	55.08	275.4
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	170	65.09	11065.3
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	46	85.12	3915.52
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 arestor(9 KV,10 KA)	No.	3	2052.82	6158.46
24	55 sq. mm All Aluminium alloy conductor AAAC	Km	0.19	35040.07	6657.6133
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	0.41	167324.92	68603.2172
28	LT stay set complete	Set	4	736.29	2945.16
29	7/12 GI stay wire	Kg	30	75.1	2253
30	clamp for LT stay	Pair	4	82.07	328.28
31	LT stay insulator 110x75 mm	No	4	29.2	116.8
32	suspension clamp with eye hook	No	9	84.8	763.2
33	Dead-End clamp	No	3	68.58	205.74
34	Pole clamp with Eye Hook	No	12	213.56	2562.72

35	Piercing connector	No	1	86.17	86.17
36	Neutral connector	No	1	32.86	32.86
37	Mass concrete of poles	No	14	1750	24500
38	Mass concreting of stay	No	9	1250	11250
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	0.05	6300	315
46	Sundries of survey, tree cutting, allm. Binding tape, Mceal compound etc.	LS	0.4	1000	400
A	TOTAL MATERIAL COST(FOR-2017-18)				594387.78
B	8% ESCALATION FOR 2018-19				641938.80
C	30 % CONSTRUCTION CHARGES OVER THE MATERIAL COST				192581.64
D	SUB TOTAL				834520.44
E	CESS				8345.20
F	Total				842865.65
G	Total Estimated Cost in Figures				842,866.00
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.)**