

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 REGIONAL POLLUTION CONTROL BOARD AT ANGUL.					
BID REF NO.- 17/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					
1	Construction of 3 ph 3 wire 11 KV line using 12 mtr. Long 150x150 mm RS Joist Pole with 55 sq. mm Insulated Conductor -0.045 Km				
1	150x150 mm RS Joist 34.6 kg each 12Mtr.	Kg	55	415.20	22836.00
2	100x50x6 MS Channel for straight cross arm for existing Line and one cut-point(9.2 Kg/Mtr.)	Kg	45	60.00	2700.00
3	11KV GI Pin	No	5	65.00	325.00
4	11KV Pin Insulator	No	5	70.00	350.00
5	11KV H.W Fitting(B&S)	No	6	350.00	2100.00
6	11KV DISC Insulator (B&S) Double Disc	No	12	350.00	4200.00
7	Concreting of support C.C-1:4:8 using 40mm BHG metal size- 5'x2'x2'=20CFT = 0.570Cum Padding 900x600x150mm = 0.081 = 0.651Cum x3071.25=1999.38each cut point	No.	1	1999.38	1999.38
8	55 mm ² insulated conductor	Km	0.15	39398.80	5909.82
9	Couping of support section 15"x15" (3.9 Cft) height 2'-6' (1'-6' above G.L & 1'-0' below G.L) in C.C 1:2:4 using 12mm BHG metal & curring for 5 days.	No	1	512.40	512.40
10	GI barbed wire anticlimbing device 2 Kg per support	Kg	2	70.00	140.00
11	Red Oxide Paint	Ltr	2	85.00	170.00
12	Alluminium Paint	Ltr	2	95.00	190.00
13	Black Paint	Ltr	0.5	85.00	42.50
14	Sundries for small size Nut & bolt ,Aluminium Binding wire /Tape and Danger Board 4nos.etc .	LS	1	500.00	500.00
15	Guarding for Road Crossing				
16	75x40x5mm MS Channel	Kg	80	60	4800.00
17	50X50X6mm MS Angel (4.5 Kg/mtr)	Kg	80	60	4800.00
18	No-8 GI Stay wire (Dia 4.6mm)	Kg	120	60	7200.00
19	I Hook	Nos	8	60	480.00
SCOPE-B					
20	Installation of 100 KVA(3 Star Rated) 11/0.4KV DP mounted sub station using 9 mtr long 300 kg psc polealongwith Barbed Fencing (size 15'x10') with Construction of retaining wall ,erection of RCC fencing post ,sand filling, metal spreading &Iron grill gate.- 1 No.				
20	150x150 mm RS Joist 34.6 kg each 12Mtr.	Kg	761.2	55.00	41866.00

21	Pressure Channel 100x50x6mm MS channel each 2.8 mtr long(9.2K.g/mtr)x 2 Nos.	K.g	51.52	60.00	3091.20
22	Transfor mounting channel 100x50x6 mm GI channel each 2.8 Mtr. Long (9.2 Kg per Mtr.)x2 Nos..	K.g	51.52	60.00	3091.20
23	AB switch &HG fuse mounting channel(75x40x6)mm,GI channel each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	60.00	4569.60
24	Cantilever channel for supporting HG fuse ,75x40x6mm MS Angle 1 mtr long 2nos (6.8Kg/mtr)	K.g	13.6	60.00	816.00
25	Cantilever channel for supporting HG fuse ,50x50x6mm MS Angle (1 mtr long 2nos)(4.5Kg/mtr)	No.	9	60.00	540.00
26	Angle for cantilever arrangement for AB Switch & HG fuse 50x50x6 mm - 2mtr each 2nos (4.5 Kg per mtr)	Kg	18	60.00	1080.00
27	Transfor belting angel 50x50x6 mm 2.8 Mtr. Long 2 Nos. (4.5 Kg/Mtr.) with side angel (total 7 Mtr.)GI channel each 2.8 Mtr. Long (9.2 Kg per Mtr.)x2 Nos.	K.g	31.5	60.00	1890.00
28	Angle for mounting LT distribution Box 50x50x6 mm MS angel-2.5mtr each long 2nos (4.5 KGg per mtr)	Kg	22.5	60.00	1350.00
29	11 KV AB switch 3 pole(200A)	set	1	10000.00	10000.00
30	11KV HG fuse 3pole (400A)	No	1	7000.00	7000.00
31	11KV L.A-12KA	No.	3	1500.00	4500.00
32	HT Stay Set (Complete)	Set	2	700.00	1400.00
33	HT Stay Insulator	No.	2	40.00	80.00
34	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	146.25	292.50
35	7/10 SWG Stay Wire	KG	20	75.00	1500.00
36	GI Pipe for earthing 40mm dia 3mtr long	No	5	1500.00	7500.00
37	25x3 mm GI Flat for netural	Kg	30	60.00	1800.00
38	40x6 mm GI Flat for netural	Kg	20	60.00	1200.00
39	Fixing of stay set with 0.5 cum cement concret foundation 1:3:6 size (900x 900x600 mm) using 40 mm BHG metal with all labour and material except stay wire, stay set,stay insulator.	No	2	1753.90	3507.80
40	Concreting of support CC 1:4:8 using 40 mm BHG metal size- 5'x2'x2'=20CFT=.570Cum Padding 900x600x150 mm =0.081 0.651 cum @ 3071.25 =1999.38 each	No	2	1999.38	3998.76
41	Couping of support section 15"x15" (3.9 Cft) height 2'-6' (1'-6' above G.L & 1'-0' below G.L) in C.C 1:2:4 using 12mm BHG metal & curring for 5 days.	No	2	512.40	1024.80

42	Materials for massonary work for eathpit, charcoal,salt etc including construction of earthing chamber(size : 2"x2") & RCC slab cover	No	5	1719.90	8599.50
43	55mm2 AAAC	Km	0.04	30000.00	1200.00
44	Red Oxide Paint	Ltr	4	85.00	340.00
45	Alluminium Paint	Ltr	5	95.00	475.00
46	Black Paint	Ltr	0.5	85.00	42.50
47	MS nut bolt & Washer	Kg	26	75.00	1950.00
48	100 KVA 11/.4 KV3 star rated TFR AL	No	1	125000.00	125000.00
49	LT Distrubution Box including kitkat fuse with MCCB for 100 kVA S/S	No	1	24600.00	24600.00
50	3 1/2 x150 mm2 PVC cable for 100 KVA Tfr.	Mtr	15	470.00	7050.00
51	Barbed wire fencing(15'x10') with construction of retaining wall, sand filling, metal spreading & fixing of iron gate as per CESU.	LS	1	31500.00	31500.00
52	Sundries for survey, PVC tape , ampire tape, danger board ,small size nut & bolt preparation of drawing cable Socket etc.	LS	1	3100.00	3100.00
A	TOTAL MATERIAL COST IN RS.(During 2013-14)				365209.96
B	Cost of Escalation @8% per annumX 5= 40%				146083.98
C				Total Rs.	511293.94
D	Stock,storage and insurance (@3% on C)				15338.82
E				Total Rs.	526632.76
F	T&P @ 2% of E				10532.66
G	Contigency @ 3% of E				15798.98
H	Transportation @ 7.5% of E				39497.46
I	Erection charges @ 10% of E				52663.28
J	Total Estimated Cost in Figures				645125.13
K	Sub-Total				645125.13
L	CESS				6451.25
M	Sub-Total				651576.39
	Total Estimated Cost in Figures				651576.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)				_____ %
	Quoted Amount in Figure				
	Quoted Amount in words				

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

Signature of Tenderer with seal

Sd/-
Asst. Project Manager[Elect.]

Sd/-
Consultant(Elect.)

Sd/-
APM Elect. (Hqr.)

Sd/-
Joint Manager(Elect.)