

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 4-F TYPE QTRS. AT NEMALO POLICE STATION IN THE DIST. OF CUTTACK.					
BID REF NO.- 21/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	Construction of 3 ph 3 wire 11 KV line using 10 mtr. Long 116x100 mm RS Joist pole with 55 sq. mm Insulated Conductor -0.2 Km				
1	10 mtr. Long 116x100 mm RS Joist pole	No.	4	12650.00	50600.00
2	11KV "V" Cross arm(10.2Kg Each)	No	3	765.00	2295.00
3	Top bracket 75x40 mm GI Channel(1.3 Kg each)	No	3	97.50	292.50
4	GI Back clamp for V Cross arm 1.70 Kg each	Pair	3	128.00	384.00
5	11KV GI Pin	No	3	65.00	195.00
6	11KV Pin Insulator	No	3	70.00	210.00
7	11KV H.W Fitting(B&S)	No	12	350.00	4200.00
8	11KV Disc insulator(B&S)70KN(Double Disc)	No	24	350.00	8400.00
9	HT Stay Set (Complete)	Set	3	700.00	2100.00
10	HT Stay Insulator	No	3	40.00	120.00
11	Fixing and stay set with 0.5Cum cement concret foundation 1:3:6 size(900mmx600mmx900mm) using 40mm BHG metal with all labour and material except stay set, stay wire, stay insulator.	No.	3	1753.90	5261.70
12	HT Stay Clamp(1.95 K.g/Pair)	Pair	3	146.25	438.75
13	7/10 SWG Stay Wire	KG	30	75.00	2250.00
14	Earthing of support(coil type)	No.	4	183.30	733.20
15	55 sq. mm insulated conductor	Km	0.62	55000.00	34100.00
16	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	4	1999.38	7997.52
17	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	4	512.40	2049.60
18	11 KV AB switch 3 pole(400A,H-type)	set	1	10000.00	10000.00
19	Red Oxide Paint	Ltr	2	85.00	170.00
20	Alluminium Paint	Ltr	2	95.00	190.00
21	GI barbed wire anticlimbing device 2 Kg per support	Kg	8	70.00	560.00
22	100x50x6mm MS Channel	Kg	90	60.00	5400.00
23	MS Nut,Bolt & washer of different sizes	Kg	12	75.00	900.00

24	Sundries for survey,tree cutting ,small size Nut & bolt ,Aluminium Binding wire /Tape and Danger Board 4nos.etc .	LS	1	1000.00	1000.00
SCOPE-B	Installation of 25 KVA(3 Star Rated) 11/0.4KV DP mounted sub station using 9 mtr. Long 116x100 mm RS Joist pole alongwith Barbed Fencing (size 15'x10') with Construction of retaining wall ,erection of RCC fencing post ,sand filling, metal spreading &Iron grill gate.- 1 No.				
25	9 mtr. Long 116x100 mm RS Joist pole	No	4	11385.00	45540.00
26	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
27	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
28	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
29	Cantilever channel for supporting HG fuse ,75x40x6mm MS Angle 1 mtr long 2nos (6.8Kg/mtr)	K.g	13.6	60.00	816.00
30	Cantilever channel for supporting HG fuse ,50x50x6mm MS Angle (1 mtr long 2nos)(4.5Kg/mtr)	No.	9	60.00	540.00
31	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
32	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
33	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
34	11 KV AB switch 3 pole(200A)	set	1	9000.00	9000.00
35	11KV HG fuse 3pole (400A)	No	1	7000.00	7000.00
36	11KV L.A-12KV-10KA	No.	3	1500.00	4500.00
37	HT Stay Set (Complete)	Set	2	700.00	1400.00
38	HT Stay Insulator	No.	2	40.00	80.00
39	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	146.25	292.50
40	7/10 SWG Stay Wire	KG	20	75.00	1500.00
41	GI Pipe for earthing 40mm dia 3mtr long	No	5	1500.00	7500.00
42	NO-6 GI wire	Kg	20	60.00	1200.00
43	40x6 mm GI Flat for netural	Kg	20	60.00	1200.00
44	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

45	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
46	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
47	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
48	55mm2 AAC	Km	0.04	30000.00	1200.00
49	Red Oxide Paint	Ltr	2	85.00	170.00
50	Alluminium Paint	Ltr	2	95.00	190.00
51	MS nut bolt & Washer	Kg	36	75.00	2700.00
52	25 KVA 11/4 KV 3star TFR AL	No	1	52000.00	52000.00
53	LT Distrubution Box including kitkat fuse with MCCB for 25 kVA S/S	No	1	12400.00	12400.00
54	3 1/2 x35 mm2 PVC cable for 25 KVA Tfr.	Mtr	15	175.00	2625.00
55	Barbed wire fencing(15'x10') with construction of retaining wall, sand filling, metal spreading & fixing of iron gate as per CESU.	No	1	31500.00	31500.00
56	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
SCOPE-C	Construction of 3 Ph 4 W LT Line with 3x35+1x25 sq.mm AB Cable over 8 Mtr. Long 125x70 mm RS Joist pole .-0.2 Km				
57	8 Mtr. Long (125x70 mm RS Joist)	No	5	5720.00	28600.00
58	Concrete slab for base plate size 2ftx2ftx2" thickness for each psc pole	No.	5	364.50	1822.50
59	L.T Stay set (Complete)	Set	3	510.00	1530.00
60	7/12 SWG Stay Wire	Kg	30	75.00	2250.00
61	L.T Stay Clamp(1.4 K.g/Pair)	Pair	3	150.00	450.00
62	L.T Stay Insulator	No.	3	25.00	75.00
63	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	3	1753.89	5261.67
64	Suspension clamp I Hook	No	3	400.00	1200.00
65	Dead end clamp	No	3	350.00	1050.00
66	Strain fittings	No	3	50.00	150.00
67	Guy grip dead end	No	3	45.00	135.00
68	GI nut bolt	Kg	4	75.00	300.00
69	AB cable(3x35+1x25 sq. mm)	Km	0.22	80000.00	17600.00

70	Sundries(survey,tree cutting,insulated tape etc.)	L/S	1	500.00	500.00
A	TOTAL MATERIAL COST IN RS.(During 2013-14)				419427.80
B	Cost of Escalation @8% per annumX 5=40%				167771.12
C				Total Rs.	587198.92
D	Stock,storage and insurance (@3% on C)				17615.97
E				Total Rs.	604814.89
F	T&P @ 2% of E				12096.30
G	Contingency @ 3% of E				18144.45
H	Transportation @ 7.5% of E				45361.12
I	Erection charges @ 10% of E				60481.49
J	Total Estimated Cost in Figures				740898.24
K	Sub-Total				740898.24
L	CESS				7408.98
M	Sub-Total				748307.22
	Total Estimated Cost in Figures				748307.00
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/-
APM Elect. (Hqr.)

Sd/-
Consultant(Elect.)

Sd/-
Joint Manager(Elect.)