

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 CIVIL COURT BUILDING AT KALAHANDI .					
BID REF NO.-33/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.
Part-A					
1	Supports PSC Pole 9 mtr long	No.	5	3540.00	17700.00
2	Supports PSC Pole 8 mtr long	No.	28	2360.00	66080.00
					83780.00
3	11 mtr. RS Joist pole (150x150mm) 30.6 kg per mtr.	No.	2	34499.66	68999.32
4	Cost of 500 KVA, 11/0.4 KV Transformer, with tap changer, BEE-1 STAR, BIS energy level-II	No.	1	684400.00	684400.00
					753399.32
Part-B					
5	75x40x6 mm Channel 1.2 mtr. Long 4 Nos.	Kg.	32.64	76.70	2503.49
6	11KV Disc Insulator (T & C)	No.	24	342.20	8212.80
7	11KV H/W Fitting (T & C Type)	No.	12	153.40	1840.80
8	11 KV Pin insulator	No.	6	94.40	566.40
9	11 KV GI Pin	No.	6	94.40	566.40
10	H.T Stay set complete	No.	8	1239.00	9912.00
11	H.T Stay Insulator	No.	8	64.90	519.20
12	HT Stay Clamp	Pair	8	147.50	1180.00
13	7/10 SWG Staywire	Kg.	80	88.50	7080.00
14	G.I Nut, bolt and washer	Kg.	10	92.04	920.40
15	Earthing of support (Coil type)	No	8	195.88	1567.04
16	Concreting of stay	No.	8	1180.00	9440.00
17	Padding & Concreting materials for support	No.	2	2575.94	5151.88
					49460.41
Part-C					
18	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.(9.2kg/mtr.)	Kg.	51.52	76.70	3951.58
19	Transformer mounting Channel 100x50x6mm. 2.8mtr. Long 2nos. (9.2kg./mtr.)	Kg.	51.52	76.70	3951.58
20	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76.16	76.70	5841.47
21	Cantilever Channel for supporting A/B switch and HG fuse arm 75x40x6mm.1.5mtr.Long 4Nos (6.8kg./mtr.)	Kg.	40.8	76.70	3129.36
22	Angle for cantilever arrangement for A/B switch & H.G fuse 50x50x6mm.1.5mtr Each, 4Nos (4.5km/mtr.)	Kg.	27	76.70	2070.90
23	Transformer belting 50x50x6mm.angel-2.8mtr.Long, 2Nos.(4.5Kg./mtr.)with side angel (Total 7 mtrs)	Kg.	31.5	76.70	2416.05
24	Angel for mounting L.T Distribution box 50x50x6mm.- 2.5mtr.Long,2Nos.(4.5Kg./mtr)	Kg.	22.5	76.70	1725.75
25	75x40x6 mm Channel 1.5 mtr. Long 1 No.(6.8 kg/mtr) for supporting of AB Switch handel.	Kg.	10.2	76.70	782.34
26	11KV Disc Insulator polymer	No.	6	1014.80	6088.80
27	11KV H/W Fitting	No.	3	153.40	460.20
28	11KV A/B Switch 3 Pole	Set	1	13983.00	13983.00
29	11KV H/G Fuse 3pole with PI (11KV 400 Amp)	Set	1	13605.40	13605.40
30	11 KV Lighting Arrestor (12 KV, 5KA)	No.	3	2655.00	7965.00
31	H.T Stay set complete	No.	3	1239.00	3717.00
32	H.T Stay Insulator	No.	3	64.90	194.70
33	HT Stay Clamp	Pair	3	147.50	442.50
34	7/10 SWG Staywire	Kg.	30	88.50	2655.00
35	G.I pipe Earthing, 40mm, Dia medium gauge 3 mtr. Long	No.	4	1239.00	4956.00
36	Earthing of support (Coil type)	Kg.	2	195.88	391.76
37	No.6 G.I wire for Earthing	No.	26	88.50	2301.00

38	Concrete materials for stay Anchor Plate	No.	3	1180.00	3540.00
39	Padding & Concreting materials for support	No.	2	2575.94	5151.88
40	Material for masonry work for earth pit	No.	4	400.00	1600.00
41	Charcoal, Salt etc. for earthing	No.	4	450.00	1800.00
42	Clamp, Connector & Jumpering material	L.S.	L.S.	600.00	600.00
43	G.I Bolts, Nuts & Washers,	Kg.	56	92.04	5154.24
44	Sundries (Aluminium Binding tap, insulating tap, fencing metal spreading, Anticlimbing device, Paint, Danger Board etc.)	L.S.	1	2000.00	2000.00
45	LT distribution box with MCCB,Aluminium busbar for 6 bay with kitkat fusefor 500 KVA S/S.	No	1	114884.80	114884.80
46	3.5 core x300 sq. mm LT PVC cable(one no standby)	Mtr.	18	1122.92	20212.56
47	Socket & other Cable Accessories.	L.S.	1	400.00	400.00
Part-D					235972.88
48	11KV G.I Pin	No.	3	94.40	283.20
49	11KV Pin Insulator	No.	3	94.40	283.20
50	Top Channel 100x50x6mm. 2.8mtr. Long 2nos. (9.2kg./mtr.)	Kg.	103.04	76.70	7903.17
51	Bracing Channel 75x40x6mm - 2 x3mtr. Long (6.8kg./mtr.)	Kg.	40.8	76.70	3129.36
52	Bracing angle 50x50x6mm. 2 x4mtr. Long (4.5kg./mtr.)	Kg.	36	76.70	2761.20
53	11KV T&C Disc Insulator	No.	12	342.20	4106.40
54	11KV T&C Hardware Fitting	No.	6	153.40	920.40
55	H.T Stay Set Complete	No.	4	1239.00	4956.00
56	HT Stay Insulator	No.	4	64.90	259.60
57	HT Stay clamp	No.	4	147.50	590.00
58	Earthing of support (Coil type)	No.	2	195.88	391.76
59	G.I Nuts, Bolts & Washer	Kg.	12	92.04	1104.48
60	Clamp for bracing channel	Kg.	6	600.00	3600.00
61	7/10 SWG Stay wire	Kg.	40	88.50	3540.00
62	Concrete materials for stay Anchor Plate	No.	4	1180.00	4720.00
63	Padding & Concreting materials for support	No.	2	2575.94	5151.88
64	7 core 2.5 sq mm copper cable(un-armoured)	Mtr.	25	214.76	5369.00
Part-E					49069.65
65	100 sq mm AAAC	Km.	0.32	64900	20768.00
66	11 KV 'V' cross arm	No.	2	955.80	1911.60
67	G.I Back Clamp for 'V' Cross Arm(0.85 Kg each)	No.	2	94.40	188.80
68	11KV Pin Insulator	No.	6	94.40	566.40
69	11KV GI Pin	No.	6	94.40	566.40
70	F' Clamp	No.	2	283.20	566.40
71	G.I Nuts, Bolts & Washer	Kg.	4	92.04	368.16
72	Concreting of pole	No.	2	2575.94	5151.88
73	Coil earthing	No.	2	195.88	391.76
Part-F					30479.40
74	Arial Bunch Conductor (ABC) with 3x95 mm. sq. (for Phase)+1x70mm. Sq. Catenary (Neutral)+1x16 mm. sq. (Street Light Phase for overhead line(30 Mtr. Span)	Km.	0.85	286740.00	243729.00
75	Pole Clamp for AB Cable	Pair	28	236.00	6608.00
76	Dead end Clamp (For ABC)	Nos.	4	76.70	306.80
77	Suspension Clamp	Nos.	28	401.20	11233.60
78	Eye Hook for AB cable	Nos.	28	70.80	1982.40
79	LT Stay Set	Nos.	7	613.60	4295.20
80	7/12 SWG Stay Wire	Kg.	42	88.50	3717.00
81	LT Stay Clamp (1.40 Kg./Pair)	Pair	7	129.80	908.60
82	LT Stay Insulator	Nos.	7	35.40	247.80
83	Earthing Coil	Nos.	28	195.88	5484.64
84	No. 8G.I. wire for earthing	Kg.	15	88.50	1327.50
85	Piercing connector	Nos.	16	94.40	1510.40
86	G.I Nut & Bolts (Assorted size)	Kg.	28	92.04	2577.12
87	Concreting Of Stay	Nos.	7	1180.00	8260.00

88	Padding & Concreting materials for support	Nos.	28	2575.94	72126.32
Part-G					364314.38
Sub Total D=A+B+C+D+E+F+G					1566476.04
i	Stock, Storage & Insurance @ 3% of D=E		3%		46994.28
ii	Sub Total F=D+E				1613470.32
iii	T&P @ 2% of F		2%		32269.41
iv	Contingency @ 3% of F		3%		48404.11
v	Transportation @ 7.5% of F + GST on transportation cost		7.50%		142792.12
vi	Erection Charges @ 20% on PSC Pole +GST on erection charge		20%		20365.24
vii	Erection Charges @ 10% on other materials+GST on erection charge		10%		88638.72
viii	Erection Charges @ 5% on Transformer and joist pole+GST on erection charge		5%		45784.08
	Sub=Total				1991723.99
89	Boundary wall with Metal gate as per WESCO norms+GST	L.S.	1	63059.20	74409.86
90	Metal spreading as per WESCO norms+GST	L.S.	1	11800.00	13924.00
91	Plinth as per wesco norms+GST	L.S.	1	15340.00	18101.20
92	Sub=Total				2098159.05
93	Total Estimated Cost in Figures				2098159.00
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.)