

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 1-D+3-E+8-F TYPE QTRS. AT RAIRANGPUR FIRE STATION IN THE DIST. OF MAYURBHANJ.

BID REF NO.- 10/JM/ELECT/OPHWC/2019-20

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 55 sq. mm HT Insulated Cable.	KM	0.7		
SCOPE [B]	Installation of 63 KVA 11/0.4KV (Star Rated) DP mounted sub station alongwith Boundary wall with metal spreading and gate.	NO	1		
SCOPE [C]	Construction of 3 ph 5 wire LT line with (3x50+1x35+1x16) sq.mm AB cable.	KM	0.2		
SCOPE [D]	Cut Point	NO	1		
1	300 KG 9 mtr PSC pole	No.	13	3000	39000
2	200 KG 8 mtr PSC pole	No.	6	2000	12000
3	11 KV V Cross Arm(10.2 Kg each)(GI)	No.	10	810.00	8100.00
4	GI Back clamp for 11 KV 'V' cross arm(11 Kv)0.85 kg each	No.	10	80.00	800.00
5	11 KV F Clamp 2.9 Kg each(GI)	No.	10	240.00	2400.00
6	11 K.V. GI Pin	No.	36	80	2880
7	11 K.V. Pin Insulator polymer	No.	36	200	7200
8	11 KV T&C Hardware (45KN)	set	12	130	1560
9	Disc insulator(T&C)45 KN polymer	No	24	860	20640
10	Earthing for support coil type	No.	11	166.00	1826.00
11	HT stay set complete	No.	5	1050.00	5250.00
12	7/10 SWG stay wire	Kg	50	75.00	3750.00
13	HT Stay clamp(1.9 kg/pair)(GI)	Pair	5	125	625
14	HT Stay Insulator Type-C	No.	5	50	250
15	40mm nominal bore GI pipe (medium gauge)Earthing device	No.	5	1050	5250
16	earthing material	NO	5	1749.6	8748
17	100x50x6 mm GI Channel(9.2 Kg/Mtr.)	Kg	170	65	11050
18	75x40x6 mm GI Channel(6.8Kg/Mtr.)	Kg	80	65	5200
19	50x50x5 mm GI Angle (4.45Kg/Mtr.)	Kg	50	65	3250
20	GI Nut & Bolt of assorted size	K.g	73	78.00	5694.00
21	3Pole 11KV 400A AB switch	set	1	11850	11850
22	3Pole 11KV 400A HG fuse with PI	set	1	11530	11530
23	75x8 mm GI Flat	Kg	35	75	2625
24	Lightening arrestor (12 KV,5KA)station class	No.	3	2250	6750
25	55mm ² OH insulated conductor	Km	2.24	75920.14	170061.1136
26	63 KVA 11/0.4 KV TransformerBIS energy Level-II	No.	1	86500	86500
27	LT distribution Box with MCCB,Al. Busbar for single bay with kit-kat fuse for 63 KVA S/S	No.	1	18322	18322
28	3x50+1x35+1x16 sqmm LT XLPE Aerial Bunched cable	KM	0.25	140000	35000.00

29	L.T Stay set (Complete)	Set	4	520.00	2080.00
30	7/12 SWG GI Stay Wire ,Grade-2	Kg	30	75.00	2250.00
31	L.T Stay Insulator	No.	4	30.00	120.00
32	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	110.00	440.00
33	Suspension Clamp with eye hook for ABC(GI)	No.	4	340	1360
34	Dead end Clamp (GI)	No.	2	65	130
35	Pole clamp with eye hook (GI)	No	6	200	1200
36	Piercing connector (GI)	No	13	80	1040
37	Neutral connector (GI)	No	13	40	520
38	GI Base Plate (500x500x10mm) for PSC pole(20 Kg)	No	13	1500	19500
39	Material cost for concreting of PSC Pole 1.8 Mtr.x0.5 Mtr.x0.5 mtr.=0.45cum(PCC 1:2:4)	No	19	2000	38000
40	Material cost for concreting of stay 1.65 Mtr.x0.3 Mtr.x0.3 mtr.=0.1485cum(PCC 1:2:4)	No.	9	834	7506
41	Red Oxide paint	Ltr	2	150	300
42	All. Paint	Ltr	2	200	400
43	Black Paint	Ltr	0.5	220	110
44	95 sq. mm 3.5 core PVC Cable	Mtr.	15	333	4995
45	Barbed Wire Fencing(size 15'x10')with const. of retaining wall,erection of RCC fencing post ,sand filling,and metal spreading,Fixing of iron grill gate etc.	No	1	19000.00	19000.00
46	Sundries for survey, PVC tape , ampire tape, danger board ,small size nut & bolt preparation of drawing All. Socket etc.	LS	1	2000.00	2000.00
47	Sundries for survey ,small size nut & bolt with washer,allm. Binding tape,Danger board etc.	LS	0.7	3000.00	2100.00
48	Sundries for survey,tree cutting,insulated tape,Mceal compound etc.	LS	0.24	2000.00	480.00
A	TOTAL MATERIAL COST				591642.11
B	Stock, Storage & Insurance @ 3% of A				17749.26
C	Sub Total (C=A+B)				609391.38
D	Contingency @3% of C				18281.74
E	T & P 2% of C				12187.83
F	Transportation @ 7.5% of C				45704.35
G	Erection Charges for PSC Pole @ 20%				10506.00

H	Erection Charges of DTR @ 5%				4454.75
I	Erection Charges of other @ 10%				46776.64
J	Sub Total				747302.69
K	Total Estimated Cost in Figures				747303.00
EXCESS	<input type="text"/> LESS <input type="text"/> (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.)