

**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
BARANGA FIRE STATION IN THE DIST. OF CUTTACK.**

BID REF NO.- 22/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	Augmentation of 11 kv line from 55 sq. mm AAAC to 80 sq. mm AAAC.- 0.3 KM.(6 spans)				
1	80 sq. mm AAA conductor	Km	0.99	43000.00	42570.00
2	Assorted size nuts and bolts	Kg	5	71.00	355.00
3	Sundries	LS	1	600.00	600.00
4	TOTAL MATERIAL COST IN RS.				43525.00
5	GST @ 12 %				5223.00
A	TOTAL RS.				48748.00
B	Contingency @ 3% on A				1462.44
C	T&P @ 2% of A				974.96
D	Transportation @ 7.5% of A				3656.10
E	Erection charges @ 10% on A				4874.80
F	TOTAL RS.				59716.30
SCOPE-B	Construction of 11 KV Line DP with AB switch Arrangements-1 No.				
1	100x50x6mm MS channel	Kg.	120	65.00	7800.00
2	75x40x6mm MS channel	Kg.	42	65.00	2730.00
3	50x50x6mm MS Angle	Kg.	50	65.00	3250.00
4	11 KV AB switch	Set	1	11850.00	11850.00
5	Lightening Arrester	No.	3	2250.00	6750.00
6	HT Stay Set	No.	4	1050.00	4200.00
7	GI Stay wire(7/10)	Kg	40	75.00	3000.00
8	HT Stay Insulator	No.	4	50.00	200.00
9	H.T Stay Clamp(1.95 K.g/Pair)(4 pair)	Pair	4	125.00	500.00
10	Earthing device(GI Pipe)	No	2	1050.00	2100.00
11	Chemical Earthing complete set	No.	2	2270.27	4540.54
12	25x3 mm GI flat for earthing(2 Nos.)	Kg.	24	75.00	1800.00
13	Assorted size Nuts , Bolts	K.g	20	71.00	1420.00
14	MS Washer	K.g	1	71.00	71.00
15	All cable socket of diff. sizes	No	24	52.00	1248.00
16	All. Binding wire/tape	Kg	1	420.00	420.00
17	80 sq. mm AAAC for jumpering	Km	0.01	43000.00	430.00
18	11 KV Danger Board	No	1	80.00	80.00
19	Red Oxide Paint	Ltr	3	150.00	450.00
20	Alluminium Paint	Ltr	2	200.00	400.00
21	Black Paint	Ltr	0.5	220.00	110.00
22	Concreting of pole pits	No.	2	2639.18	5278.36
23	Cooping of pole pits	No.	2	676.37	1352.74

24	Concreting of stay pits	No.	4	2313.96	9255.84
25	Sundries	Ls	1	2000.00	2000.00
26	TOTAL MATERIAL COST IN RS.				71236.48
27	GST @ 12 %				8548.38
A	TOTAL RS.				79784.86
B	Contingency @ 3% on A				2393.55
C	T&P @ 2% of A				1595.70
D	Transportation @ 7.5% of A				5983.86
E	Erection charges @ 10% on A				7978.49
F	TOTAL RS.				97736.45
SCOPE-C	Upgradation of transformer from 25 KVA to 63 KVA 11/0.4KV sub station-1 No.				
1	11 KV AB switch 3 pole (200Amp)	Set	1	11850.00	11850.00
2	11 KV HG fuse 3 pole (200 Amp)	Set	1	11530.00	11530.00
3	Lightening Arrester	No.	3	2250.00	6750.00
4	Earthing device(GI Pipe)	No	5	1050.00	5250.00
5	Chemical Earthing complete set	No.	5	2270.27	11351.35
6	25x3 mm GI flat for earthing(5 Nos.)	Kg.	60	75.00	4500.00
7	LT distribution Box for 63 KVA S/S	No.	1	18322.00	18322.00
8	95 mm ² 3.5 core LT Cable	Mtr.	20	333.00	6660.00
9	Assorted size Nuts , Bolts with Washer	K.g	10	78.00	780.00
10	MS Washer	K.g	1	78.00	78.00
11	Assorted size All. Cable socket	No	48	52.00	2496.00
12	80 sq. mm AAAC for jumpering	Km	0.03	43000.00	1290.00
13	11 KV Danger Board	No	2	80.00	160.00
14	Boundary wall around S/S & DP structure with spreading of metal and sand inside sub-station premises with fixing of MS grill gate	Ls	1	41580.00	41580.00
15	Plinth for transformer	No	1	15840.00	15840.00
16	Plinth for LT DB	No.	1	3300.00	3300.00
17	50x6 copper Z clamp	Kg	3.2	1108.80	3548.16
18	Sundries	Ls	1	2000.00	2000.00
19	TOTAL MATERIAL COST IN RS.				147285.51
20	GST @ 12 %				17674.26
A	TOTAL RS.				164959.77
B	Contingency @ 3% on A				4948.79
C	T&P @ 2% of A				3299.20
D	Transportation @ 7.5% of A				12371.98
E	Erection charges @ 10% on A				16495.98
F	TOTAL RS.				202075.72
SCOPE-D	Construction of 1 Ph 2 W LT Line with 1x35+1x25 sq.mm LT XLPE AB Cable over 8 Mtr. Long 200 KG PSC pole - 0.35 Km				
1	LT conductor dead end clamp	Set	4	65.00	260.00
2	Suspension clamp I Hook	No	5	340.00	1700.00
3	L.T Stay set	Set	3	520.00	1560.00
4	7/12 GI Stay Wire	Kg	30	75.00	2250.00

5	L.T Stay Insulator	No.	3	30.00	90.00
6	L.T Stay Clamp(1.4 K.g/Pair)	Pair	3	125.00	375.00
7	Assorted size nuts and bolts	Kg	7	71.00	497.00
8	1x35+1x25 sq. mm LT XLPE AB Cable	Mtr.	385	42.00	16170.00
9	Earthing coil	No	7	166.00	1162.00
10	Concreting each base plate	No.	7	485.10	3395.70
11	Concreting of stay pits	No.	3	2313.86	6941.58
12	Insulated piercing connector	No.	12	40.00	480.00
13	Saundries	ls	1	1000.00	1000.00
14	TOTAL MATERIAL COST IN RS.				35881.28
15	GST @ 12 %				4305.75
A	TOTAL RS.				40187.03
B	Contingency @ 3% on A				1205.61
C	T&P @ 2% of A				803.74
D	Transportation @ 7.5% of A				3014.03
E	Erection charges @ 10% on A				4018.70
F	TOTAL RS.				49229.12
PART-E	Erection charges towards cesu supplied materials				
3	cost of supply materials	No.	1	99786.40	99786.40
A	TOTAL RS.				99786.40
B	T&P @ 2% of A				1995.73
C	Transportation @ 7.5% of A				7483.98
D	Erection charges @ 5 % on A				4989.32
E	TOTAL RS.				114255.43
F	TOTAL RS.				14469.03
PART-F	PSC POLE FOR LINE DP & LT LINE				
1	300 KG PSC Pole 9 mtr long (2 Nos.) for D.P	No	2	3000.00	6000.00
2	200 KG PSC Pole 8 mtr long for support(7 Nos.)	No	7	2000.00	14000.00
3	TOTAL RS.				20000.00
4	GST @ 12 %				2400.00
A	TOTAL RS.				22400.00
B	Contingency @ 3% on A				672.00
C	T&P @ 2% of A				448.00
D	Transportation @ 7.5% of A				1680.00
E	Erection charges @ 20% on A				4480.00
F	TOTAL RS.				29680.00
PART-G	Dismantle Labour cost				
1	Dismantalling of 11 KV Line	span	6	150.00	900.00
2	25 KVA ,11/0.4 KV Tfr.	No	1	500.00	500.00
3	TOTAL RS.				1400.00
4	GST @ 18 %				252.00
5	TOTAL RS.				1652.00
6	Sub-Total Rs.				454558.61
PART-H	Cost of Dismantale materials(55 sq.mm AAAC-0.90 Km & 25 KVA ,11/0.4 KV Tfr.)				26696.32
	Total Estimate cost after depreciation value				427862.29
	Total Estimated Cost in Figures				427862.00

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.)**