

**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 (UPGRADATION OF TRANSFORMER FROM 25KVA TO 63KVA) FOR POWER SUPPLY TO 1D,3E & 8F TYPE QTRS AT CHITRADA FIRE STATION IN THE DISTRICT OF MAYURBHANJ.

BID REF NO :- 45/JM/ELECT/OPHWC/2020-21

NAME OF THE BIDDER	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
SCOPE [A]	Up-gradation of 25 KVA 11/0.4KV to 63KVA 11/0.4KV Transformer-1 no with existing D.P.	NO	1		
SCOPE [B]	Dismantalling of existing of 25 KVA 11/0.4KV transformer-1 No.	NO	1		
SCOPE [C]	11KV line AB Switch(400 Amp.)-1No on existing DP	NO	1		
SCOPE [D]	3x50+1x35+1X16 sq.mm AB Cable with LT Line -0.32 Km(Two Span to be drawn on existing LT Pole)	KM	0.32		
SCOPE [E]	Dismantale of 3ph 4w AB Cable-0.2 Km	KM	0.2		
1	150x150 mm RS Joist (34.6 kg /Mtr) 9 Mtr Long	No	6	20,241.00	121,446.00
2	11 KV Pin Insulator polymer	No.	3	200.00	600.00
3	100x50x6mm GI channel 9.2 Kg/Mtr.	K.g	100	65.00	6,500.00
4	75x40x6 mm GI channel 6.8 Kg/mtr	K.g	50	65.00	3,250.00
5	50x50x6 mm GI Angle 4.5 Kg/mtr.	K.g	40	65.00	2,600.00
6	GI Nuts & Bolts of assorted sizes	Kg	26	78.00	2,028.00
7	3Pole 11KV 400 A AB switch	Set	1	11,850.00	11,850.00
8	GI Flat 75x8mm	Kg	25	75.00	1,875.00
9	55 sq. mm Overhead Insulated conductor	Km	0.04	75,920.14	3,036.81
10	63 KVA 11/0.4 KV Transformer(BIS energy Level-II)	No.	1	86,500.00	86,500.00
11	LT distribution Box including kit-kat fuse with MCCB for 63 KVA Transformer	No.	1	18,322.00	18,322.00
12	3x50+1x35+1x16 sqmm XLPE AB cable	KM	0.35	140,000.00	49,000.00
13	LT stay set complete	No.	4	520.00	2,080.00
14	7/12 GI Stay wire, Grade-2	Kg	40	75.00	3,000.00
15	LT Stay Insulator	No.	4	30.00	120.00

16	Clamp for LT stay(1.40 kg/pair)	Pair	4	110.00	440.00
17	Suspension clamp with eye hook for ABC	No.	5	340.00	1,700.00
18	Dead end Clamp (GI)	No.	6	65.00	390.00
19	Pole clamp with eye hook (GI)	No.	11	200.00	2,200.00
20	Piercing connector(GI)	No	12	80.00	960.00
21	Neutral connector(GI)	No	12	40.00	480.00
22	95 sq. mm 3.5 core PVC Cable	Mtr.	15	333.00	4,995.00
23	Anti Climbing Device made of GI barbed wire,clamping arrangement etc.(2kg per support)	Kg	12	80.00	960.00
24	Material cost for concreting of Joist pole1.8 Mtr.x0.5 Mtr.x0.5 mtr.=0.45cum(PCC 1:2:4)	No.	6	2,040.00	12,240.00
25	Material cost for concreting of stay 1.65 Mtr.x0.3 Mtr.x0.3 mtr.=0.1485cum(PCC 1:2:4)	No.	4	834.00	3,336.00
26	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	2,640.00	2,640.00
A	TOTAL MATERIAL COST(FOR-2018-19)				342,548.81
B	Stock, Storage & Insurance @ 3% of A				10,276.46
C	Sub Total (C=A+B)				352,825.27
D	Contingency @3% of C				10,584.76
E	T & P 2% of C				7,056.51
F	Transportation @ 7.5% of C				26,461.90
G	Erection Charges for joist Pole @ 5%				6,254.47
H	Erection Charges of DTR @ 5%				4,454.75
I	Erection Charges of other @ 10%				6,932.04
J	Sub Total				414,569.69
K	labour charge for dismantalling				3,396.59
L	TOTAL				417,966.28
M	Total Estimated Cost				417,966.00
EXCESS <input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick) _____%					
Quoted Amount in Figure					
Quoted Amount in words					

N:B- The Estimated cost is exclusive of GST @12%.

Signature of Bidder with seal

**Sd/-
Asst. Project Manager (Elect)**

**Sd/-
APM (Elect) (Hqr)**

**Sd/-
Joint Manager(Elect)**