

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 KHANTAPADA POLICE STATION IN THE DIST. OF BALASORE.					
BID REF NO.- 22/JM/ELECT/OPHWC/2019-20					
Bidder Name					
<b>SCHEDULE OF WORKS</b>					
Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>SCOPE [A]</b>	Construction of 3 ph 3 wire 11 KV line using 55 sq. mm AAAC.	<b>KM</b>	<b>0.02</b>		
<b>SCOPE [B]</b>	Installation of 25 KVA 11/0.4KV (Star Rated) DP mounted sub station .	<b>NO</b>	<b>1</b>		
<b>SCOPE [C]</b>	Conversion of 11 KV 2 Ph line to 11 KV 3 Ph Line.	<b>KM</b>	<b>0.06</b>		
<b>SCOPE [D]</b>	Interposing pole	<b>No</b>	<b>1</b>		
<b>SCOPE [E]</b>	Construction of 3 ph 5 wire LT line with (3x35+1x25+1x16) sq.mm AB cable.	<b>KM</b>	<b>0.32</b>		
1	9 mtr Joist pole(150x150)	No.	3	17901.00	53703.00
2	8 mtr Joist pole(125x75)	No.	8	6760.00	54080.00
3	11 K.V. V cross arm	No.	1	810.00	810.00
4	Ms Back clamp	No.	1	80.00	80.00
5	11 KV F clamp	No.	1	240.00	240.00
6	11 K.V. GI Pin	No.	9	80.00	720.00
7	11 KV Pin Insulator polymer	No.	9	200.00	1800.00
8	11 KV T&C Hardware (45KN)	set	6	130.00	780.00
9	Disc insulator(T&C)45 KN	No	6	860.00	5160.00
10	Earthing coil	No	1	166.00	166.00
11	HT stay set complete	No	3	1050.00	3150.00
12	7/10 SWG Stay wire	Kg	30	75.00	2250.00
13	HT Stay clamp	Pair	3	125.00	375.00
14	HT Stay Insulator	No.	3	50.00	150.00
15	40mm dia GI pipe Earthing device 3 Mtrs. Long	No.	5	1050.00	5250.00
16	100x50x6 mm MS Channel	Kg	120	65.00	7800.00
17	75x40x6 mm MS Channel	Kg	80	65.00	5200.00
18	50x50x5 mm MS Angle	Kg	40	65.00	2600.00
19	3Pole 11KV 200A AB switch	set	1	7350.00	7350.00
20	3Pole 11KV 200A HG fuse	set	1	6120.00	6120.00
21	25x5 mm GI Flat for neutral earthing	Kg	20	75.00	1500.00
22	No. 6 GI wire	Kg	25	75.00	1875.00
23	Lightening arrester 12 KV-10 KA	No.	3	3550.00	10650.00
24	All. Cable lug of different sizes	No	30	22.00	660.00
25	55 sq. mm AAAC	Km	0.172	30000.00	5160.00
26	Red Oxide paint	Ltr	3	150.00	450.00
27	All. Paint	Ltr	4	200.00	800.00
28	Black Paint	Ltr	0.5	220.00	110.00
29	MS nut,bolt & washer	Kg	56	78.00	4368.00
30	25 KVA ,11/0.4 Kv (AL) Transformer BIS Energy Level-II	No.	1	53800.00	53800.00
31	LT distribution Box including kit-kat fuse with MCCB for 25 KVA Transformer	No.	1	14930.00	14930.00
32	185 sq. mm 3.5 core PVC Cable	Mtr.	15	635.00	9525.00
33	16 mm LT Stay	set	7	520.00	3640.00
34	7/12 GI Stay wire	Kg	70	75.00	5250.00

35	Clamp for LT stay	Pair	7	110.00	770.00
36	LT Stay Insulator	No.	7	30.00	210.00
37	3x35+1x25+1x16 sqmm AB cable	KM	0.33	120000.00	39600.00
38	concreting of RS Joist pole	No.	11	2040.00	22440.00
39	concreting of stay	No.	10	834.00	8340.00
40	Suspension Clamp	No.	5	340.00	1700.00
41	Dead end Clamp	No.	3	65.00	195.00
42	Piercing connector	No.	16	80.00	1280.00
43	Neutral Connector	No.	8	40.00	320.00
44	earthing material	Ls	5	1892.16	9460.80
45	Barbed wire fencing	Nos	1	19000.00	19000.00
46	Sundries for survey, tree cutting, small size nut & bolt with washer, allm. Binding tape, Danger Board etc and other.	LS	1	3000.00	3000.00
47	Sundries for survey,PVC tape, ampere Tape,Danger Board ,small size nut & bolt , preparation of drawing cable socket etc.(Substation)	LS	1	2000.00	2000.00
<b>A</b>	<b>TOTAL MATERIAL COST</b>				<b>378817.80</b>
<b>B</b>	<b>Stock, Storage &amp; Insurance @ 3% of A</b>				<b>11364.53</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>390182.33</b>
<b>D</b>	<b>Contingency @3% of C</b>				<b>11705.47</b>
<b>E</b>	<b>T &amp; P 2% of C</b>				<b>7803.65</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>29263.68</b>
<b>G</b>	<b>Erection Charges for DTR @ 5%</b>				<b>2770.70</b>
<b>H</b>	<b>Erection Charges for Joist Poles @ 5%</b>				<b>5550.82</b>
<b>I</b>	<b>Erection Charges of other items@ 10%</b>				<b>22375.18</b>
<b>J</b>	<b>Sub Total</b>				<b>469651.83</b>
<b>K</b>	<b>Total Estimated Cost in Figures</b>				<b>469652.00</b>
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.

**Signature of Tenderer with seal**

**Sd/-  
Asst. Project Manager[Elect.]**

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

**Sd/-  
Consultant(Elect.)**

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