

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**  
**JANAPATH, BHOINAGAR, BHUBANESWAR - 22**  
 [Electrical Division]  
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**PRICE BID FOR THE WORK UNDER SL. NO :- 02 AS PER IFB**

**NAME OF THE WORK :- SHITING OF 33 KV LINE AND CONSTRUCTION OF NEW LINE & SUB STATION FOR POWER SUPPLY TO TRUCK TERMINAL AT DHARMAPURI IN THE DISTRICT OF NUAPADA.**

**BID REF NO :- 17/PM/ELECT/OPHWC/2024-25**

<b>NAME &amp; ADDRESS OF THE FIRM</b>	
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**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>PART-A</b>	<b>SHIFTING AND RECONSTRUCTION OF 33 KV LINE</b>				
1	CONSTRUCTION OF 33 KV LINE WITH 232 SQ. MM AAAC .	KM	0.4		
2	CONSTRUCTION OF 33 KV SINGLE POLE CUT POINT .	NO.	4		
3	DISMANTAL OF EXISTING 33 KV LINE	KM	0.3		
<b>PART-I</b>					
1	11 Mtr. Long 150x150 mm GI Joist Pole(30.6 Kg/Mtr.)	No.	10	32818.50	<b>328185.00</b>
	Total Rs.				<b>328185.00</b>
<b>PART-II</b>	<b>Erection of single pole cut point with double disc arrangement of 3 ph 3W 33 KV OH Line on 13 Mtr. Long RS Joist Pole.</b>				
2	GI Pressure Channel 100X50X6 mm. ,1.5 mtr Long 4 Nos.	Kg	220.8	<b>97.50</b>	21528.00
3	33 KV Disc Insulator (B & S)(120 KN Polymer)	No.	24	<b>1872.00</b>	44928.00
4	33 KV H/W fitting (B & S Type)90 KN, 4 bolt	No.	24	<b>650.00</b>	15600.00
5	33 KV pin insulator Polymer	Set	12	<b>624.00</b>	7488.00
6	PG clamp for 232 sq. mm AAAC	No	24	<b>1495.00</b>	35880.00
7	H.T Stay Set Complete	No.	8	<b>1365.00</b>	10920.00
8	HT Stay Insulator	No.	8	<b>65.00</b>	520.00
9	HT Stay Clamp	Pair	8	<b>162.50</b>	1300.00
10	7/8 SWG Stay wire	Kg	80	<b>97.50</b>	7800.00

11	G.I, Bolts, Nuts & Washers	Kg.	16	<b>101.40</b>	1622.40
12	Earthing of Support (Coil type)	Kg	4	<b>215.80</b>	863.20
13	Danger Board, name plate, GI Barbed wire	L.S	4	<b>312.00</b>	1248.00
	Total Rs.				<b>149697.60</b>
<b>PART-III</b>	<b>Construction of 3 Ph 3 W 33 Kv Line on 13 Mtr. Long 150x50 mm RS Joist Pole(50 Mtr. Span)</b>				
14	232 sq. mm AAAC	Km.	1.26	203450.00	256347.00
15	33 kv v Cross Arm(16.8 Kg)GI	Nos.	6	1833.00	10998.00
16	Back clamp for V cross Arm	Nos.	6	195.00	1170.00
17	33 KV pin insulator Polymer	Nos.	18	624.00	11232.00
18	33 KV F clamp	Nos.	6	390.00	2340.00
19	Earthing support coil type	Nos.	6	215.80	1294.80
20	GI nut, bolt & washer	Kg	12	101.40	1216.80
21	Danger Board, name plate, GI Barbed wire	L.S	6	312.00	1872.00
	Total Rs.				286470.60
A	TOTAL MATERIAL COST IN RS				<b>764353.20</b>
B	Stock,storage and insurance (@3% on A)				<b>22930.60</b>
C	TOTAL RS.				<b>787283.80</b>
D	T&P @ 2% of C				<b>15745.68</b>
E	Contingency @ 3% of C				<b>23618.51</b>
F	Transportation @ 7.5% of C				<b>59046.28</b>
G	Erection charges of Joist Pole and Transformer @ 5% of				<b>16901.53</b>
H	Erection charges of PSc Pole@ 20% of C				
I	Erection charges for other materials@ 10%				<b>44925.32</b>
	Total Rs.				<b>947521.12</b>
22	Couping of Pole(Including supply of materials 1Mx0.5Mx0.5M)	No.	10	2837.97	<b>28379.70</b>
23	Concreting of stay	No.	8	1652.54	<b>13220.32</b>
24	Dismantle of 33 KV Line	Km	0.3	18500.00	<b>5550.00</b>
	<b>Sub Total</b>				<b>994671.14</b>
<b>PART-B</b>	<b>EXTERNAL ELECTRIFICATION WORK(CONSTRUCTION OF NEW LINE &amp; S/S)</b>				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)For Line & S/S	No	4	33645.04	134580.16
2	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)for NH crossing	No	2	39762.32	79524.64
3	11/.04 KV 250 KVA(CU) Transformer(Star-2,BIS/EEL-2)	No	1	601213.04	601213.04

4	Construction of 11/0.4 Plinth mounted 250 KVA S/S using 9 Mtr. Long 300 KG PSC Pole with double disc arrangement and 5 Nos. GI Flat earthing alongwith LT Distribution box with MCCB arrangement .	No	1	197061.78	197061.78
5	Construction of 3 Ph 3W 11 KV Line on 11 Mtr. Long 150x150 mm RS Joist Pole with single core 55 sq. mm XLPE insulated covered conductor.(except cost of pole)	Km	0.08	589593.95	47167.52
6	Acessories for DP metering unit on 11 Mtr. Long RS Joist Pole with earthing arrangement and control cable.	No	1.00	63626.92	63626.92
A	TOTAL MATERIAL COST IN RS				1123174.06
B	Stock,storage and insurance (@3% on A)				33695.22
C	TOTAL RS.				1156869.28
D	T&P @ 2% of C				23137.39
E	Contingency @ 3% of C				34706.08
F	Transportation @ 7.5% of C				86765.20
G	Erection charges of Joist Pole and Transformer @ 5%				41988.87
H	Erection charges of PSc Pole@ 20%				
I	Erection charges for other materials@ 10%				31709.19
	Total Rs.				13,75,176.00
7	Cost of Fencing with metal spreading	No	1	104661.02	104661.02
8	Plinth for 250 KVA Tfr.	No	1	22033.89	22033.89
9	Concrete materials for stay anchor plate	No	9	1728.81	15559.29
10	Padding and Concreting materials for support	No	6	2968.88	17813.28
11	Road crossing guarding for 11 KV Line	Ls	2	7932.30	15864.60
	<b>Total Rs.Part-B</b>				<b>1551108.08</b>
	<b>TOTAL RS.(PART-A+PART-B)</b>				<b>25,45,779.22</b>
	<b>Cess @1%</b>				<b>25,457.79</b>
	<b>Total Estimated Cost</b>				<b>25,71,237.01</b>
	<b>Total Estimated Cost in Figures</b>				<b>25,71,237.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)				
	Quoted Amount in Figure				

Quoted Amount in words		
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N:B- The Estimated cost is exclusive of GST .

**Signature of Tenderer with seal**

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

**Sd/-  
DM (Elect)I/C**

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