

**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 :- 03 AS PER IFB**

**NAME OF THE WORK :-EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO POLICE STATION BUILDING AT JUDAMBO IN THE DIST. OF MALKANGIRI.**

**BID REF NO.- 56 /JM/ELECT/OPHWC/2020-21**

**NAME &  
ADDRESS  
OF THE  
FIRM**

**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>SCOPE-A</b>	<b>Construction of 3 ph 3 wire 11 KV line using 9 mtr. Long 100x116mm RS Joist Pole &amp; 55 mm<sup>2</sup> AAAC -0.4 Km</b>				
1	11 kv GI V cross Arm	No.	5	810.00	4,050.00
2	Back clamp for V cross arm	No	5	80.00	400.00
3	11KV F Clamp	No.	5	240.00	1,200.00
4	11 KV Disc insulator (T& C)Polymer 45KN	No.	6	860.00	5,160.00
5	11 KV Hard wire fittings (T & C)45KN	No.	6	130.00	780.00
6	11 KV Pin insulator Porcelain	No	18	80.00	1,440.00
7	11 KV GI Pin	No	18	80.00	1,440.00
8	HT Stay Set complete	Set	2	1050.00	2,100.00
9	HT stay insulator	No.	2	50.00	100.00
10	Stay Clamp	Pair	2	125.00	250.00
11	7/10 SWG GI Saty wire	Kg	16	75.00	1,200.00
12	Earthing coil	No.	6	166.00	996.00
13	GI Base plate (500x500x10 mm) for PSC Pole	No.	6	1500.00	9,000.00
14	Cement Cocncreting of stay Anchor plate C.C 1:3:6 size by using 4 cm size hard granite metal=0.45x0.45x1.5 Mtr.=0.3037cum.	No.	2	1270.00	2,540.00
15	Cocncreting of support C.C 1:3:6 using 40 mm HBG metal=0.45x0.45x1.5 Mtr.=0.3037cum.@4158.84=0.3037x4158.84=1263.03 or 1270.00	No.	1	1460.00	1,460.00
16	MS Nut,Bolt & Washers	Kg	10	71.00	710.00

17	Sundries (Paint,Danger Board,Aluminium binding tape,insulating tape,Anticlimbing device,clamp connector,jumpering materials,socket & other cable accessories etc)	LS	1	1000.00	1,000.00
18	100X50X6mm for straight Cross Arm 1.2 mtr each 4 nos &0.2 mtr long 4 Nos@9.2 Kg/mtr	Kg.	51.52	65.00	3,348.80
19	9 mtr long 100x116 mm RS Joist Pole @23.0 Kg/mtr(Each 207.0 Kg)	No	6	13455.00	80,730.00
20	55 sq. mm AAA conductor(incl 3% sag)	Km	1.236	30000.00	37,080.00
21	Channel 75x40x6mm. Channel 1.5mtr. Long 2Nos & 0.3 mtr long 2 Nos. For providing support for guarding across road crossing (6.8kg./mtr.).	Kg.	24.48	65.00	1,591.20
22	No-6 G.I wire (Dia 4.8mm)40Kg for guarding & 20 Kg for providing earthing at both sides of road crossing	Kg.	60	75.00	4,500.00
23	40 mm nominal bore G.I Pipe (medium gauge)earthing device with 3 mtr long	No.	2	1050.00	2,100.00
24	Materials for Massionary work for earth Pit, Charcoal, Salt and cement plate cover	No.	2	1600.00	3,200.00
	Total				166,376.00
<b>SCOPE-B</b>	<b>Construction of 3 Ph 5 W LT Line with 3x50+1x35+1x16 sq.mm AB Cable over 8 Mtr. Long 125x70 mm RS Joist pole</b>				
1	L.T Stay set	Set	16	520.00	8,320.00
2	7/12 SWG Stay Wire	Kg	112	75.00	8,400.00
3	Concreting of stay	Nos.	16	1270.00	20,320.00
4	L.T Stay Clamp(1.4 K.g/Pair)	Pair	16	110.00	1,760.00
5	L.T Stay Insulator	No.	16	30.00	480.00
6	Dead end clamp	No.	10	377.71	3,777.10
7	Suspension clamp with Eye hook for ABC	No.	20	340.00	6,800.00
7	Strain fitting	No.	10	72.35	723.50
6	Sundries (Aluminium binding tape,insulating tape,Anticlimbing device,paint, etc)	LS	1	1500.00	1,500.00
9	MS Nut,Bolt & Washers	Kg	15	71.00	1,065.00
	3x50+1x35+1x16 sq.mm AB Cable	Km	1.236	140000.00	173,040.00
10	8mtr long 125x70 mm RS Joist Pole @13 Kg per pole i.e, 104 Kg per pole @ Rs 65.00 per Kg i.e, Rs 6760 per pole	No	30	6760.00	202,800.00
	Total				<b>428,985.60</b>

SCOPE-C	<b>Installation of DP Mounted 63KVA 11/0.4KV sub station using 9mtr long 100x116mm RS Joist Pole - 1 No.</b>				
1	9 mtr long 100x116 mm RS Joist Pole @23.0 Kg/mtr(Each 207 Kg)	No	2	13455.00	26,910.00
2	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos .	Kg.	51.52	65.00	3,348.80
3	Transformer mounting Channel 100X50X6 mm.2.8mtr. Long 2Nos .	Kg.	51.52	65.00	3,348.80
4	AB switch & H.G fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.).	Kg.	76.16	65.00	4,950.40
5	Transformer belting 50x50x6mm angle 2.8 mtr long 2 nos(4.5 Kg/Mtr).	Kg.	31.5	65.00	2,047.50
6	Angel for mounting L.T Distribution box 50x50x6mm(4.5 Kg/Mtr).	Kg.	9	65.00	585.00
7	11 KV Disc insulator (T &C)Polymer 45KN	No.	3	860.00	2,580.00
8	11 KV Hard ware fittings (T&C)Polymer 45KN	No.	3	130.00	390.00
9	11KV AB switch 3 pole(200 Amp)	Set	1	7350.00	7,350.00
10	11KV HG fuse 3 pole(200 Amp)	Set	1	6120.00	6,120.00
11	12KV 10KA LA	No.	3	3550.00	10,650.00
12	LT distribution Box including kit-kat fuse with MCCB for 63 KVA Transformer	No.	1	18322	18,322.00
13	LT 3 1/2 Core 95sq. mm PVC Cable (un-Armoured)	Mtr.	15	333.00	4,995.00
14	HT stay set (Complete)	No.	2	1050.00	2,100.00
15	11 KV stay Insulator	No.	2	50.00	100.00
16	Stay Clamp	Pair	2	125.00	250.00
17	7/10 SWG GI Saty wire	Kg	20	75.00	1,500.00
18	GI Pipe earthing 40 mm Dia Medium gauge 3 mtrs long	No.	3	1050.00	3,150.00
19	Earthing coil	No.	2	166.00	332.00
20	No-6 G.I wire (Dia 4.8mm)	Kg	30	75.00	2,250.00
21	Concrete material for stay anchor plate (0.45x0.45x1.5) mtr	Nos.	2	1270.00	2,540.00
22	Pading and concreting materials for support (0.45x0.45x1.5) mtr	Nos.	2	1270.00	2,540.00
23	Materials for Massionary work for earth Pit, Charcoal, Salt and cement plate cover	No.	3	1600.00	4,800.00
24	GI Base plate (500x500x10 mm) for PSC Pole	No.	2	1500.00	3,000.00
25	MS Nuts , Bolts and washers	Kg	25	71.00	1,775.00
26	Sundries (Aluminium binding tape,insulating tape,Anticlimbing device,paint, etc)	LS	1	1000.00	1,000.00

27	Fencing size 8'x12' with 10 nos RCC pillar and 3ply GI barbed wire & Grill gate & locking arrangement	LS	1	8440.63	8,440.63
28	sand and metal Spreading	LS	1	2532.19	2,532.19
29	63 KVA 11/0.4 KV(Al)Transformer Bis Energy level-II	No.	1	86500.00	86,500.00
	Total				214,407.32
<b>A</b>	TOTAL MATERIAL COST(A+B+C)				<b>809,768.92</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				24,293.07
<b>C</b>	Sub Total (C=A+B)				<b>834,061.99</b>
D	T&P @ 2% of C				16,681.24
E	Contingency @ 3% of C				25,021.86
F	Transportation @ 7.5% of C				62,554.65
<b>G</b>	Erection Charges for PSC Pole @ 20%			0.00	-
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%			408848.20	20,442.41
<b>I</b>	Erection Charges of other @ 10%			834061.99	83,406.20
	Total Estimated Cost				1,042,168.34
	Total Estimated Cost in Figures				<b>1,042,168.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)				_____ %
	Quoted Amount in Figure				
	Quoted Amount in word				

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

**Signature of Tenderer with seal**

Sd/-  
Asst. Project Manager[Elect.]

Sd/-  
APM Elect. (Hqr.)

Sd/-  
Joint Manager(Elect.)