

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 CONSTRUCTION OF ADDITIONAL FORTIFICATION WORK OF VULNERABLE POLICE POST OF RAIKIA POLICE STATION IN THE DIST. OF KANDHAMAL.					
BID REF NO.- 01/JM/ELECT/OPHWC/2020-21					
Bidder Name					
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 300 KG PSC Pole with 3x35 sq. mm XLPE Cable -0.025 Km</b>				
1	11KV Disc insulator Polymer type	No.	4	860.00	3440.00
2	11KV H.W Fittings T&C	No.	4	130.00	520.00
3	Straight channel -75x40x6 mm for straight cross arm 1.2 Mtrs. Each 2 Nos.	Kg	16.32	65.00	1060.80
4	HT stay set (Complete)	No.	1	1050.00	1050.00
5	stay Insulator	No.	1	50.00	50.00
6	Stay clamp	pair	1	125.00	125.00
7	7/10 SWG GI Saty wire	Kg	10	75.00	750.00
8	Cocncreting of support C.C 1:3:6 , using 40 mm BHG metal=0.45x0.45x1.5 Mtr.=0.3037cum.	No.	1	1270.00	1270.00
9	Earthing coil for support/pole	No.	1	166.00	166.00
10	Danger board	No.	1	80.00	80.00
11	RCC base plate	No.	1	291.00	291.00
12	3C x 35 sq. mm 11 KV XLPE Armoured cable(including spare)	Mtr.	50	359.00	17950.00
13	Outdoor type jointing kit suitable for 3x50 sq. mm 11 KV XLPE cable	No	4	3999.36	15997.44
14	supporting stay wire for XLPE cable	Kg	9.18	93.96	862.58
15	supporting clamp for XLPE cable	No	20	58.32	1166.48
16	12 KV 5 KA LA	No	3	1000.00	3000.00
17	GI pipe earthing 40 Dia Medium gauge 2.5 mtrs long	No	1	1050.00	1050.00
18	No. 25x6 mm GI flat	Kg	10	75.00	750.00
19	Materials for Massionary work for earth Pit, Charcoal, Salt etc for earthing	No	1	1722.60	1722.60
20	MS,nut,bolt & washer of different sizes	Kg	5	75.00	375.00
21	Sundries (All. binding tape,insulating tape,antclimbing device,paint etc. )	LS	1	500.00	500.00
A	TOTAL MATERIAL COST IN RS.				<b>52176.90</b>
<b>SCOPE-B</b>	<b>Installation of 63 KVA( Star Rated) 11/0.4KV DP mounted sub station using 9 mtr. Long 300 KG PSC Pole .- 1 No.</b>				
1	9 mtr long 300Kg PSC pole	No.	2	3000.00	6000.00
2	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.(9.2kg/mtr.)x2 Nos.	Kg.	51.52	65.00	3348.80
3	Transformer mounting channel 100x50x6mm 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	51.52	<b>65.00</b>	<b>3348.80</b>

3	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76.16	65.00	4950.40
4	Cantilever Channel for supporting HG Fuse 75x40x6mm. 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	65.00	884.00
5	Cantilever Channel for supporting HG Fuse 50x50x6mm. 1 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	65.00	585.00
6	Angel for cantilever arrangement for AB switch and HG Fuse 50x50x6mm 2 Mtr. Longx2 Nos.(4.5Kg./mtr)	Kg.	18	65.00	1170.00
6	Transformer belting Angle 50x50x6mm-2.8 mtr long 2 nos(4.5Kg per mtr)with side angle(Total 7 mtr)	Kg	31.5	<b>65.00</b>	<b>2047.50</b>
7	Angle for mounting LT Distribution Box (50x50x6)mm 2.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	22.5	65.00	1462.50
8	11KV Disc insulator(T&C)	No.	3	290.00	870.00
9	11KV H/W Fittings (T&C)type	No.	3	130.00	390.00
10	11KV AB switch 3 pole(200 Amp)	Set	1	11850.00	11850.00
11	11KV HG fuse 3 pole(200 Amp)	Set	1	6120.00	6120.00
12	11 KV LA	No.	3	1000.00	3000.00
13	LT Distribution box with MCCB Box	No	1	18322.00	18322.00
14	HT stay set (Complete)	No.	2	1050.00	2100.00
15	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	1500.00
18	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long	Kg	3	1050.00	3150.00
19	Earthing coil for support	Noi	2	166.00	332.00
20	25x6 mm GI Flat for earthing	Kg	20	75.00	1500.00
22	Cocncreting of stay C.C 1:3:6 , using 40 mm BHG metal=0.45x0.45x1.5 Mtr.=0.3037cum.	No.	2	1270.00	2540.00
23	Cocncreting of pole support C.C 1:3:6 , using 40 mm BHG metal=0.45x0.45x1.5 Mtr.=0.3037cum.	No.	2	1270.00	2540.00
24	Materials for Massionary work for earth Pit, Charcoal, Salt etc for earthing	No.	3	1723.00	5169.00
25	Clamp,connector and jumpering material	Ls	1	850.00	850.00
26	63 KVA ,11/0.4 Kv (AL) Transformer BIS Energy Level-II	No.	1	86500.00	86500.00
27	1Cx70 sq. mm (Armoured)LT XLPE cable(from transformer to box)	Mtr.	32	87.00	2784.00
28	1Cx70 sq. mm (Un Armoured)LT XLPE cable(from D Box to LT Line)	Mtr.	28	74.00	2072.00
29	socket and other cable accessories	Ls	1	450.00	450.00
30	MS nut bolt & Washer	Kg	36	75.00	2700.00
31	Danger board	No	2	80.00	160.00
32	Base plate for support	No	2	291.00	582.00
34	Construction of barbed wire fencing with sand & metal spreading to the new DPM sub-station with size 8'x12' with 10 Nos. RCC pillar with GI barbed wire.	No.	1	13312.00	13312.00
35	Sundries (All. binding tape,insulating tape,anticlimbing device,paint etc. )	LS	1	1000.00	1000.00
B	TOTAL MATERIAL COST IN RS.				<b>193940.00</b>

SCOPE-C	Construction of 3 Ph 5 W LT Line with 3x35+1x25+1x16 sq.mm LT XLPE AB Cable over 8 Mtr. Long 200 KG PSC pole .-0.7 Km				
1	8 Mtr. Long 200 KG psc pole	No	21	2000.00	42000.00
2	L.T Stay set (Complete )	Set	7	520.00	3640.00
3	L.T Stay Insulator	No.	7	30.00	210.00
4	L.T Stay Clamp(1.4 K.g/Pair)	Pair	7	158.00	1106.00
5	7/12 GI Stay Wire	Kg	70	75.00	5250.00
6	Concrete material for stay anchor plate	No.	7	1200.00	8400.00
7	Dead end clamp with I Hook	No.	4	377.00	1508.00
8	Suspension clamp I Hook	No	17	401.00	6817.00
9	3x35+1x25+1x16 sq.mm LT XLPE AB Cable	Km	0.7	120000.00	84000.00
10	Piercing connector	No.	21	56.00	1176.00
11	Neutral connector	No.	21	32.00	672.00
12	Concrete material for support /pole	No.	21	443.00	9303.00
13	RCC Base plate	No.	21	291.00	6111.00
14	MS Nuts, bolts & washers	Kg	7	95.00	665.00
15	Saundries	Ls	1	500.00	500.00
16	TOTAL MATERIAL COST IN RS.				<b>171358.00</b>
A	Total(A+B+C)				<b>417474.90</b>
B	Stock,storage and insurance (@3% on A)				<b>12524.25</b>
C	TOTAL RS.				<b>429999.15</b>
D	T&P @ 2% of C				<b>8599.98</b>
E	Contigency @ 3% of C				<b>12899.97</b>
F	Transportation @ 7.5% of C				<b>32249.94</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				<b>43489.17</b>
H	TOTAL RS.				<b>527238.21</b>
I	Total Estimated Cost in Figures				<b>527238.00</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/-  
Consultant(Elect.)

Sd/-  
APM Elect. (Hqr.)

Sd/-  
Joint Manager(Elect.)