

<b>TENDER INVITING AUTHORITY: JOINT MANAGER (ELECTRICAL DIVISION), THE ODISHA STATE POLICE HOUSING &amp; WELFARE CORPORATION LTD, BHUBANESWAR</b>					
<b>NAME OF THE WORK :-EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO OUT POST BUILDING AT DANGASIL, KASHIPUR IN THE DIST. OF RAYAGADA .</b>					
<b>BID REF NO:- 39/JM/ELECT/OPHWC/2020-21</b>					
<b>Bidder Name</b>					
<b><u>SCHEDULE OF WORKS</u></b>					
<b>Sl. No.</b>	<b>Description of work</b>	<b>Unit</b>	<b>Qty.</b>	<b>Estimated Cost in Rs.</b>	
				<b>RATE IN RS.</b>	<b>AMOUNT IN RS.</b>
<b>SCOPE-A</b>	<b>Construction of 3 ph 3 wire 11 KV line with 55 sq. mm AAA Conductor -0.02 Km(Span Length-60 Mtr.)</b>				
1	11KV Pin Insulator	No.	3	80.00	240.00
2	11KV GI Pin	No.	3	80.00	240.00
3	11KV Disc insulator (Cut points have double disc system)	No.	6	290.00	1740.00
4	11KV H.W Fittings T&C Type	No.	3	130.00	390.00
5	HT stay set complete	No.	1	1050.00	1050.00
6	11KV stay insulator	No.	1	50.00	50.00
7	stay clamp	pair	1	125.00	125.00
8	7/10 SWG GI Saty wire	Kg	8	75.00	600.00
9	Cocncrete material for stud pole /stay anchor plate(0.45x0.45x1.5)Mtr	Ls	1	1120.00	1120.00
10	concreting material for pole (0.45x0.45x1.5)Mtr	Ls	1	1120.00	1120.00
11	MS Nuts , Bolts and washers	Kg	2	71.00	142.00
12	55 sq. mm AAA Conductor	Km	0.062	30000.00	1854.00
13	100x50x6mm MS channel for straight cross arm (1.2 mtrs.x 2 pcs + 0.2 mtrx2)per cut-point	Kg	25.76	65.00	1674.40
A	TOTAL MATERIAL COST IN RS.				<b>10345.40</b>
B	Stock,storage and insurance (@3% on A)				<b>310.36</b>
C	TOTAL RS.				<b>10655.76</b>
D	T&P @ 2% of C				<b>213.12</b>
E	Contigency @ 3% of C				<b>319.67</b>
F	Transportation @ 7.5% of C				<b>799.18</b>
G	Erection charges @ 10% on others and 20% on PSC poles				<b>1065.58</b>
H	TOTAL RS.				<b>13053.31</b>

<b>SCOPE-B</b>	<b>Installation of 25 KVA 11/0.4KV DP mounted sub station using 9 mtr. Long 300 KG PSC Pole alongwith Barbed Fencing (size 8'x12') with 10 nos RCC pillar and 3 Ply GI barbed wire &amp; grill gate &amp; locking arrangement.- 1 No.</b>				
1	9 mtr long 300Kg PSC pole(2 Nos. )	No.	2	3000.00	6000.00
2	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.	Kg.	51.52	65.00	3348.80
3	Transformer mounting Channel 100x50x6mm. 2.8mtr. Long 2nos. (9.2kg./mtr.)	Kg.	51.52	65.00	3348.80
4	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76.16	65.00	4950.40
5	Cantilever Channel for supporting A/B switch 75x40x6mm.1 mtr.Long 2 Nos	Kg.	13.6	65.00	884.00
6	Cantilever Angle for supporting A/B switch 50x50x6mm.1.5mtr Each, 2Nos	Kg.	10.5	65.00	682.50
7	Transformer belting 50x50x6mm.angel-2.8mtr.Long, 2Nos.(4.5Kg./mtr.)with side angel (Total 7 mtrs)	Kg.	31.5	65.00	2047.50
8	Angel for mounting L.T Distribution box 50x50x6mm.-1 mtr.Long,2Nos.	Kg.	7	65.00	455.00
9	11KV AB switch 3 pole(200 Amp)	Set	1	7350.00	7350.00
10	11KV HG fuse 3 pole(200 Amp)	Set	1	6120.00	6120.00
11	12KV 10KA LA	No.	3	1000.00	3000.00
12	LT Distribution box including kitkat fuse	No	1	14930.00	14930.00
13	HT stay set (Complete)	No.	2	1050.00	2100.00
14	11 KV stay Insulator	No.	2	50.00	100.00
15	Side Stay clamp	pair	2	125.00	250.00
16	7/10 SWG GI Saty wire	Kg	16	75.00	1200.00
17	GI Pipe earthing 40 mm Dia Medium gauge 2.5 mtrs long	No.	3	1050.00	3150.00
18	NO.6 GI Wire for earthing	Kg	20	75.00	1500.00
19	MS Nuts , Bolts and washers	Kg	25	71.00	1775.00
20	25 KVA 11/0.4 Kv Transformer(BIS EEL-2 Star-1 rated)	No.	1	53800.00	53800.00
21	3.5 core 50 sq. mm PVC Cable	Mtr.	24	203.00	4872.00
22	Concrete material for stay anchor plate (0.45x0.45x1.5)mtr	Ls	2	1120.00	2240.00
23	Materials for earthing including Massionary work for earth Pit, Charcoal, Salt and cement plate cover	Ls	3	1000.00	3000.00
24	Concrete material for support(0.45x0.45x1.5)mtr	Ls	2	1120.00	2240.00

25	Base plate for support	No.	2	291.60	583.20
26	Sundries (Paint,Danger Board,Aluminium binding tape,insulating tape,Anticlimbing device,clamp connector,jumpering materials,socket & other cable accessories, etc)	LS	1	1500.00	1500.00
27	Fencing size 8'x12' with 10 nos RCC piller and 3 Ply GI barbed wire & grill gate & locking arrangement	LS	1	5000.00	5000.00
28	Disc insulator (T & C)Double disc system	No.	6	290.00	1740.00
29	Hard ware fittings	No.	3	130.00	390.00
30	Sand and metal spreading	LS	1	1500.00	1500.00
A	TOTAL MATERIAL COST IN RS.				<b>140057.20</b>
B	Stock,storage and insurance (@3% on A)				<b>4201.72</b>
C	TOTAL RS.				<b>144258.92</b>
D	T&P @ 2% of C				<b>2885.18</b>
E	Contingency @ 3% of C				<b>4327.77</b>
F	Transportation @ 7.5% of C				<b>10819.42</b>
G	Erection charges @ 10% on others and 20% on PSC poles and 5% on Dist. Transformers				<b>12273.19</b>
H	TOTAL RS.				<b>174564.47</b>
<b>SCOPE-C</b>	<b>Construction of 3 Ph 5 W LT Line with 3x50+1x35+1x16 sq.mm AB Cable over 8 Mtr. Long 200 KG PSC pole .-0.48 Km</b>				
1	8 Mtr. Long 200 KG psc pole	No	16	2000.00	32000.00
2	LT Line with (3x50+1x35+1x16 sq. mm)AB Cable	Mtr.	494.4	140.00	69216.00
3	Suspensionclamp with EYE Hook	Nos.	11	340.00	3740.00
4	Dead end clamp suitable for bare messanger XLPE Aerial bunched cable	No.	9	65.00	585.00
5	L.T Stay set	Set	8	520.00	4160.00
6	7/10 SWG Stay Wire	Kg	64	75.00	4800.00
7	L.T Stay Clamp(1.4 K.g/Pair)	Pair	8	110.00	880.00
8	L.T Stay Insulator	No.	8	30.00	240.00
9	Nuts and bolts(Assorted size)	Kg	2	71.00	142.00
10	Cocreting of stay & stud poles	Nos.	8	1120.00	8960.00
11	Base plate for pole	No	16	291.60	4665.60
12	Saundries(Anticlimbing device etc.)	Ls	1	2400.00	2400.00
A	TOTAL MATERIAL COST IN RS.				<b>131788.60</b>

B	Stock,storage and insurance (@3% on A)				3953.66
C	TOTAL RS.				135742.26
D	T&P @ 2% of C				2714.85
E	Contingency @ 3% of C				4072.27
F	Transportation @ 7.5% of C				10180.67
G	Erection charges @ 10% on others and 20% on PSC poles				16870.23
H	TOTAL RS.				169580.27
I	Total Estimated Cost				357198.05
J	Total Estimated Cost in Figures				357198.00
EXCESS <input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick) _____ %					
Quoted Amount in Figures.					
Quoted Amount in words					

**N.B-The Estimate Cost is Exclusive of G.S.T i.e. @ 12%**

Signature of Tenderer with seal

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

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

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