

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 CHANDRAPUR FIRE STATION IN THE DIST. OF RAYAGADA.					
BID REF NO.- 09/JM/ELECT/OPHWC/2019-20					
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 55 sq. mm AAA Conductor -0.12 Km(Span Length-60 Mtr.)</b>				
1	11 KV V Cross Arm(10.2 kg each)	No.	1	810.00	810.00
2	F clamp ( [Pole Top bracket)	No.	1	240.00	240.00
3	Back clamp for 11 KV 'V' cross arm	No.	1	80.00	80.00
4	11KV Pin Insulator	No.	6	80.00	480.00
5	11KV GI Pin	No.	6	80.00	480.00
6	11KV Disc insulator (Cut points have double disc system)	No.	6	290.00	1740.00
7	11KV H.W Fittings T&C Type	No.	3	130.00	390.00
8	HT stay set complete	No.	1	1050.00	1050.00
9	11KV stay insulator	No.	1	50.00	50.00
10	HT stay clamp	pair	1	125.00	125.00
11	7/10 SWG GI stay wire	Kg	8	75.00	600.00
12	Earthing coil	No.	1	166.00	166.00
13	Cocncrete material for stud pole /stay anchor plate(0.45x0.45x1.5)Mtr	Ls	1	1120.00	1120.00
14	Base plate for support	Ls	1	270.00	270.00
15	concreting material for pole (0.45x0.45x1.5)Mtr	No.	1	1120.00	1120.00
16	MS Nut ,Bolt & Washer	K.g	2	71.00	142.00
17	9 mtr. Long 300 KG PSC Pole	No.	1	3000.00	3000.00
18	55 sq. mm AAA Conductor	Km	0.371	30000.00	11130.00
19	100x50x6mm MS channel for straight cross arm 1.2 mtrx 2 pcs + 0.2 mtr long 2 nos)per cut-point	Kg	25.76	65.00	1674.40
20	Guarding for road crossing	LS	1	10000.00	10000.00
21	Sundries (Danger Board,clamp connectors,Anticlimbing device,binding tape etc.)	LS	1	200.00	200.00
A	TOTAL MATERIAL COST IN RS.				<b>34867.40</b>
B	Stock,storage and insurance (@3% on A)				<b>1046.02</b>
C	TOTAL RS.				<b>35913.42</b>
D	T&P @ 2% of C				<b>718.27</b>
E	Contingency @ 3% of C				<b>1077.40</b>
F	Transportation @ 7.5% of C				<b>2693.51</b>
G	Erection charges @ 10% on others and 20% on PSC poles				<b>3900.34</b>
H	TOTAL RS.				<b>44302.94</b>
<b>SCOPE-B</b>	<b>Installation of 63 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	No.	2	3000.00	6000.00
2	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.	Kg.	51.52	<b>65.00</b>	<b>3348.80</b>

3	Transformer mounting Channel 100x50x6mm. 2.8mtr. Long 2nos. (9.2kg./mtr.)	Kg.	51.52	<b>65.00</b>	<b>3348.80</b>
4	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76.16	<b>65.00</b>	<b>4950.40</b>
5	Cantilever Channel for supporting A/B switch 75x40x6mm.1 mtr.Long 2 Nos	Kg.	13.6	<b>65.00</b>	<b>884.00</b>
6	Cantilever Angle for supporting A/B switch 50x50x6mm.1.5mtr Each, 2Nos	Kg.	10.5	<b>65.00</b>	<b>682.50</b>
7	Transformer belting 50x50x6mm.angel- 2.8mtr.Long, 2Nos.(4.5Kg./mtr.)with side angel (Total 7 mtrs)	Kg.	31.5	<b>65.00</b>	<b>2047.50</b>
8	Angel for mounting L.T Distribution box 50x50x6mm.-1 mtr.Long,2Nos.	Kg.	7	<b>65.00</b>	<b>455.00</b>
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	18322.00	18322.00
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 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	75.00	1875.00
20	63 KVA 11/0.4 Kv Transformer(BIS EEL-2 Star-1 rated)	No.	1	86500.00	86500.00
21	LT 3.5 core 95 sq. mm Cable	Mtr.	24	333.00	7992.00
22	Concrete material for stay anchor plate (0.45x0.45x1.5)mtr	No.	2	1120.00	2240.00
23	Materials for earthing including Massionary work for earth Pit, Charcoal, Salt and cement plate cover	No.	3	1000.00	3000.00
24	Concrete material for support(0.45x0.45x1.5)mtr	No.	2	1120.00	2240.00
25	Base plate for support	No.	2	166.00	332.00
26	Sundries (Paint,Danger Board,Aluminium binding tape,insulating tape,Anticlimbing device,clamp connector,jumpering materials,socket & other cable	LS	1	1500.00	1500.00
27	Fencing size 8'x12' with 10 nos RCC pillar 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>179118.00</b>
B	Stock,storage and insurance (@3% on A)				<b>5373.54</b>
C	TOTAL RS.				<b>184491.54</b>
D	T&P @ 2% of C				<b>3689.83</b>
E	Contigency @ 3% of C				<b>5534.75</b>
F	Transportation @ 7.5% of C				<b>13836.87</b>
G	Erection charges @ 10% on others ,5% ON Dist. Transformers and 20% on PSC poles				<b>14612.40</b>
H	TOTAL RS.				<b>222165.38</b>

SCOPE-C	Construction of 3 Ph 5 W LT Line with 3x35+1x25+1x16 sq.mm AB Cable over 8 Mtr. Long 300 KG PSC pole .-0.2 Km				
1	8 Mtr. Long 200 KG psc pole	No	4	2000.00	8000.00
2	LT Line with (3x35+1x25+1x16 )sq. mm)AB Cable	Mtr.	206	120.00	24720.00
3	Suspension clamp I Hook	No	2	340.00	680.00
4	Dead end clamp suitable for bare messenger XLPE Aerial bunched cable	No.	4	65.00	260.00
5	L.T Stay set (Complete )	Set	3	520.00	1560.00
6	7/10 SWG GI Stay Wire	Kg	24	75.00	1800.00
7	L.T Stay Clamp(1.4 K.g/Pair)	Pair	3	110.00	330.00
8	L.T Stay Insulator	No.	3	30.00	90.00
9	Nuts and bolts	Kg	4	71.00	284.00
10	Cocreting of stay & stud poles	Nos.	3	1120.00	3360.00
11	Base plate for pole	No	4	270.00	1080.00
12	Saundries(Anticlimbing device etc.)	Ls	1	600.00	600.00
A	TOTAL MATERIAL COST IN RS.				<b>42764.00</b>
B	Stock,storage and insurance (@3% on A)				<b>1282.92</b>
C	TOTAL RS.				<b>44046.92</b>
D	T&P @ 2% of C				<b>880.94</b>
E	Contigency @ 3% of C				<b>1321.41</b>
F	Transportation @ 7.5% of C				<b>3303.52</b>
G	Erection charges @ 10% on others and 20% on PSC poles				<b>5228.69</b>
H	TOTAL RS.				<b>54781.48</b>
H	TOTAL RS.				<b>321249.80</b>
I	Total Estimated Cost in Figures				<b>321250.00</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.)**