

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 COURT BUILDING FOR CIVIL JUDGE(SR. DIV.) ANANDAPUR IN THE DIST. OF KEONJHAR.					
BID REF NO.- 17/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.
SCOPE-A	Construction of 3 ph 3 wire 11 KV line with single core 100 sq. mm XLPE insulated AAA conductor -0.04 Km				
1	9 Mtr. Long 300 KG PSC Pole	No.	1	3000.00	3000.00
2	10 mtr. Long 150x150 mm RS Joist	No.	2	22490.00	44980.00
3	11KV "V" Cross arm	No	1	810.00	810.00
4	Back clamp for V Cross arm	Pair	1	80.00	80.00
5	Pole Top F Clamp	No	1	240.00	240.00
6	11KV Pin Insulator 5 KN Polymer type	No	6	200.00	1200.00
7	11KV H.W Fitting(B&S)70 KN	No	15	350.00	5250.00
8	11KV Disc insulator(B&S)70KN polymer type	No	15	1150.00	17250.00
9	100x50x6 mm MS Channel	Kg	45	65.00	2925.00
10	75x40x6 mm MS Channel	Kg	10	65.00	650.00
11	50x50x5 mm MS Angle	Kg	10	65.00	650.00
12	18 mm GI HT stay set	set	2	1050.00	2100.00
13	7/10 (SWG)GI stay wire	Kg	20	75.00	1500.00
14	HT Stay Insulator	Pair	2	50.00	100.00
15	HT Stay clamp for psc pole	No	2	125.00	250.00
16	Earthing deviceCoil type	No	1	166.00	166.00
17	PG Clamp for 100 sq. mm AAAC	No	16	580.00	9280.00
18	Single core 100 sq. mm XLPE insulated AAAC	Km	0.13	90000.00	11700.00
19	GI Bolt & Nut with washer	Kg	10	78.00	780.00
20	Anticlimbing device made of GI Barbed wire	Kg	2	80.00	160.00
21	Material cost for concreting of PSC Pole	No	1	834.00	834.00
22	Material cost for concreting of stay(1.65 Mtr.x0.3Mtr.x0.3Mtr.=0.1485 cum-P.C.C-1:2:4)	No	2	834.00	1668.00
23	Sundries	LS	1	5000.00	5000.00
A				Total Rs.	110573.00
B	Stock,storage and insurance (@3% on A)				3317.19
C	Total Rs.				113890.19
D	T&P @ 2% of C				2277.80
E	Contingency @ 3% of C				3416.71
F	Transportation @ 7.5% of C				8541.76
G					128126.46
H	Erection charges for other materials @10%				6447.08
I	Erection charges for Joist Pole @5 %				2316.47
J	Erection charges for PSC Poles @20 %				618.00
K	Sub-Total				137508.01

SCOPE-B	Installation of 250 KVA(BIS Energy Level-II) 11/0.4KV sub station using 10 mtr. Long 150x150 mm RS Joist - 1 No.				
1	10 mtr. Long 150x150 mm RS Joist	No	2	22490.00	44980.00
2	100x50x6 mm MS Channel	Kg	140	65.00	9100.00
3	75x40x6 mm MS Channel	Kg	85	65.00	5525.00
4	50x50x5 mm MS Angle	Kg	65	65.00	4225.00
5	18 mm GI HT stay set	set	2	1050.00	2100.00
6	7/10 (SWG)GI stay wire	Kg	20	75.00	1500.00
7	HT Stay Insulator	No	2	50.00	100.00
8	HT Stay clamp	Pair	2	125.00	250.00
9	40 mm pipe Earthing device	No	5	1050.00	5250.00
10	25x5 GI Flat	Kg	30	75.00	2250.00
11	No. 6/8 SWG GI wire	Kg	20	75.00	1500.00
12	11 KV AB switch 3 pole(200A)	set	1	7350.00	7350.00
13	11KV HG fuse 3pole (200A)	No	1	6120.00	6120.00
14	11KV L.A-12KV-10KA	No.	3	3550.00	10650.00
15	Single core 100 sq. mm XLPE insulated AAAC	Km	0.04	90000.00	3600.00
16	LT Distrubution Box for 250 kVA Transformer	No	1	48000.00	48000.00
17	250 KVA 11/4 KV TFR AL.	No	1	268450.00	268450.00
18	3 1/2 C x185 mm ² PVC cable	Mtr	15	635.00	9525.00
19	All. Cable socket	No	32	52.00	1664.00
20	GI Bolt & Nut with washer	kg	40	78.00	3120.00
21	Boundary wall with grill gate ,metal and sand	Ls	1	35000.00	35000.00
22	Plinth for TFR	No	1	35000.00	35000.00
23	Material cost for concreting of RS Joist Pole	No	2	2040.00	4080.00
24	Material cost for concreting of stay(1.65 Mtr.x0.3Mtr.x0.3Mtr.=0.1485 cum- P.C.C-1:2:4)	No	2	834.00	1668.00
25	Red Oxide paint	Ltr	3	150	450.00
26	All. Paint	Ltr	4	200	800.00
27	Black Paint	Ltr	0.5	220	110.00
28	Earthing with materials	No	5	1890.00	9450.00
29	Sundries	LS	1	5000.00	5000.00
A				Total Rs.	526817.00
B	Stock,storage and insurance (@3% on A)				15804.51
C	Total Rs.				542621.51
D	T&P @ 2% of C				10852.43
E	Contingency @ 3% of C				16278.65
F	Transportation @ 7.5% of C				40696.61
					610449.20
G	Erection charges for other materials @10%				21978.86
H	Erection charges for Joist Pole @5 %				2316.47
I	Erection charges for DTR @5 %				13825.18
J	Sub-Total				648569.71
SCOPE-C	SERVICE CONNECTION				
1	11 KV 3 Core 70 sq. mm XLPE Cable	Mtr	80	482.00	38560.00
2	Heat Shrinkable jointing kit for 3Cx70 sq. mm 11 KV XLPE Cable(Indoor type)	No	2	7106.00	14212.00

3	Heat Shrinkable jointing kit for 3Cx70 sq. mm 11 KV XLPE Cable(Outdoor type)	No	2	10949.00	21898.00
4	Cable lying in the cable Trench with removable cover	Mtr	30	514.00	15420.00
5	16 mm MS Bolt & Nuts with washer	Kg	78	10.00	780.00
6	10 core 2.5 sq. mm cu control cable(Un - armoured)	Mtr	12	330.00	3960.00
7	16 mm MS Bolt & Nuts with washer	Kg	10	78.00	780.00
8	All. Cable lug of different sizes	No	20	52.00	1040.00
9	40 mm pipe Earthing device - 3 Mtrs. Long	No	4	1050.00	4200.00
10	Earthing with materials	No	4	1892.16	7568.64
11	150 mm dia GI Pipe	Mtr	30	850.00	25500.00
12	25x6 mm GI Flat	Kg	60	75.00	4500.00
13	11 KV L.A-12 KV-10 KA	No.	3	3550.00	10650.00
14	Cost of cubicle room(12'x12'x10')	Ls	1	60000.00	60000.00
15	Saundries	Ls	1	2000.00	2000.00
A				Total Rs.	211068.64
B	Stock,storage and insurance (@3% on A)				6332.06
C				Total Rs.	217400.70
D	T&P @ 2% of C				4348.01
E	Contingency @ 3% of C				6522.02
F	Transportation @ 7.5% of C				16305.05
G	Erection charges @ 10% of C				21740.07
H	Sub-Total				266315.86
I	Total Rs.				1052393.58
J	Total Estimated Cost in Figures				1052394.00
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/-
APM Elect. (Hqr.)**

**Sd/-
Consultant(Elect.)**

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