

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 500 SEATED BOYS HOSTEL AND 400 SEATED GIRLS HOSTEL AT NAWARANGPUR IN THE DIST. OF NAWARANGPUR.					
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.
SCOPE-A	Construction of 3 ph 3 wire 11 KV line using 9 mtr. Long 300 KG PSC Pole with 55 sq. mm AAA Conductor -0.09 Km(2 Span)				
1	11 KV V Cross Arm	No.	1	810.00	810.00
2	Back clamp for 11 KV 'V' cross arm	No.	1	80.00	80.00
3	Top Bracket	No.	1	240.00	240.00
4	11 KV pin insulator	No.	3	80.00	240.00
5	11 KV GI Pin	No.	3	80.00	240.00
6	11KV Disc insulator T&C	No.	9	290.00	2610.00
7	11KV H.W Fittings T&C	No.	9	130.00	1170.00
8	100x50x6mm MS channel	Kg	44.16	65.00	2870.40
9	HT stay set complete	No.	3	1050.00	3150.00
10	11KV stay insulator	No.	3	50.00	150.00
11	HT stay clamp	pair	3	125.00	375.00
12	7/10 SWG stay wire	Kg	30	75.00	2250.00
13	MS Nut ,Bolt & Washer	K.g	10	71.00	710.00
14	55 sq. mm AAA Conductor	Km	0.27	30000.00	8100.00
15	Concrete material for stay anchor plate(0.45x0.45x1.5)Mtr	No.	3	1219.39	3658.17
16	9 mtr. Long PSC Pole	No.	1	3000.00	3000.00
17	8 mtr. Long PSC Pole	No.	1	2000.00	2000.00
18	Base plate for support	Ls	2	320.81	641.62
19	Earthing for support coil type	No.	2	166.00	332.00
20	Sundries (Paint,Danger Board,Aluminium binding tape,insulating tape,Anticlimbing device,clamp connector,jumpering materials,socket & other cable	LS	1	500.00	500.00
A	TOTAL MATERIAL COST IN RS.				33127.19
SCOPE-B	Installation of 100 KVA(Star Rated) 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 & grill gate of size 3'x4' & locking arrangement.- 1 No.				
1	9 mtr long 300Kg PSC pole	No.	2	3000.00	6000.00
2	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.(9.2kg/mtr.)	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 HG fuse 75x40x6mm.1 mtr.Long 2Nos (6.8kg./mtr.)	Kg.	13.6	65.00	884.00
6	Cantilever Channel for supporting HG fuse arm 50x50x6mm.1 mtr.Long 2Nos (4.5 kg./mtr.)	Kg.	9	65.00	585.00
7	Angle for cantilever arrangement for A/B switch & H.G fuse 50x50x6mm.1.5mtr Each, 4Nos (4.5kg/mtr.)	Kg.	18	65.00	1170.00
8	Transformer belting 50x50x6mm.angel-2.8mtr.Long, 2Nos.(4.5Kg./mtr.)with side angel (Total 7 mtrs)	Kg.	31.5	65.00	2047.50
9	Angel for mounting L.T Distribution box 50x50x6mm.-2.5mtr.Long,2Nos.(4.5Kg./mtr)	Kg.	22.5	65.00	1462.50
10	11KV Disc insulator T&C	No.	3	290.00	870.00
11	11KV H.W Fittings T&C	No.	3	130.00	390.00
12	11KV AB switch 3 pole\	Set	1	7350.00	7350.00
13	11KV HG fuse 3 pole	Set	1	6120.00	6120.00
14	12KV 10KA LA	No.	3	1000.00	3000.00
15	100x50x6mm MS channel for distribution fuse control	Kg	35.88	65.00	2332.20
16	11KV Pin Insulator	No.	8	80.00	640.00
17	11KV GI Pin	No.	8	80.00	640.00
18	HT stay set (Complete)	No.	2	1050.00	2100.00
19	stay Insulator	No.	2	50.00	100.00
20	Stay clamp	pair	2	125.00	250.00
21	7/10 SWG GI Saty wire	Kg	20	75.00	1500.00
22	GI Pipe earthing 40 Dia Medium gauge 2.5 mtrs long	No.	3	1050.00	3150.00
23	Earthing for support coil type	No.	3	166.00	498.00
24	NO.6 GI Wire for earthing	Kg	20	75.00	1500.00
25	MS Nuts , Bolts and washers	Kg	36	71.00	2556.00
26	100 KVA 11/0.4 Kv Transformer(BIS EEL-2 Star-1 rated)	No.	1	117000.00	117000.00
27	LT 3.5 core 150 sq. mm pvc Cable	Mtr.	15	504.00	7560.00
28	Concrete material for stay anchor plate (0.45x0.45x1.5)mtr	No.	2	1219.39	2438.78
29	Padding and Concreting material for support (0.45x0.45x1.5)mtr	No.	2	443.10	886.20
30	Materials for earthing including Massionary work for earth Pit, Charcoal, Salt and cement plate cover	No.	3	1597.15	4791.45
31	Base plate for support	No.	2	320.81	641.62
32	25x6 mm GI Flat	Kg	20	75.00	1500.00
33	Sundries (Paint,Danger Board,Aluminium binding tape,insulating tape,Anticlimbing device,clamp connector,jumpering materials,socket & other cable	LS	1	500.00	500.00
B	TOTAL MATERIAL COST IN RS.				192111.25
SCOPE-C	Construction of 3 Ph 4 W LT Line with 3x50+1x35 sq.mm AB Cable over 8 Mtr. Long PSC pole .-0.64 Km(16 spans)				
1	8 Mtr. Long PSC Pole	No	16	2000.00	32000.00
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	110.00	770.00
5	7/12 SWG GI Stay Wire	Kg	56	75.00	4200.00

6	M.S Nuts , bolts and washer	Kg	15	71.00	1065.00
7	LT Line with (3x50+1x35 sq. mm)AB Cable	Km	0.64	130000.00	83200.00
8	Concrete material for stay anchor plate	No.	7	1219.39	8535.73
9	Suspension clamp I Hook	No	12	340.00	4080.00
10	Dead end clamp I Hook	No.	4	65.00	260.00
11	Base plate	No	16	320.81	5132.96
12	Coil earthing	No	16	166.00	2656.00
13	Sundries(Anticlimbing device etc.)	Ls	1	500.00	500.00
C	TOTAL MATERIAL COST IN RS.				146249.69
SCOPE-D					
1	3.5 core 50 sq. mm unarmoured PVC cable	Mtr.	25	203.00	5075.00
2	250 mm dia ,3 mm gauge GI service connection bracket,length 3 mtr. Out of which top curved portion 300 mm & bottom bend portion 375 mm with 2 Nos. of GI clamp fittings	No	1	693.36	693.36
3	GI wire No.8,4.06 mm dia	Kg	5	94.47	472.35
4	Al. binding wire	Kg	0.2	408.24	81.65
5	sundries	Ls	1	300.00	300.00
	Total Rs.				6622.36
A	Total(A+B+C+D)				378110.49
B	Stock,storage and insurance (@3% on A)				11343.31
C	TOTAL RS.				389453.80
D	T&P @ 2% of C				7789.08
E	Contingency @ 3% of C				11683.61
F	Transportation @ 7.5% of C				29209.04
G	Erection charges @ 10% on others and 20% on PSC poles and 5% on Dist. Transformers				37348.85
H	TOTAL RS.				475484.38
6	Fencing size 8'x12' with 10 nos RCC piller and 3 Ply GI barbed wire & grill gate of size 3'x4' & locking arrangement	LS	1	11381.00	11381.00
I	TOTAL RS.				486865.38
J	Total Estimated Cost in Figures				486865.00
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, but GST included in item SL No.-6 of Part-D.

Signature of Tenderer with seal

Sd/-
Asst. Project Manager[Elect.]

Sd/-
Consultant(Elect.)

Sd/-
APM Elect. (Hqr.)

Sd/-
Joint Manager(Elect.)