

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 JMFC BUILDING AT HINJILICUT IN THE DIST. OF GANJAM.					
BID REF NO.- 38/JM/ELECT/OPHWC/2019-20					
Bidder Name					
<u>SCHEDULE OF WORKS</u>					
Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
SCOPE-A	I. Installation of 250 KVA(BIS Energy Leve-II) 11/0.4KV Plinth mounted sub station using 10 mtr. Long 150x150 mm RS Joist Pole - 1 No.				
1	10 mtr. Long 150x150 mm RS Joist Pole	No.	2	22490.00	44980.00
2	Pressure Channel 100x50x6mm MS channel each 2.8 mtr long (9.2 K.g per mtr) x 2 Nos.	K.g	51.52	65.00	3348.80
3	Transformer mounting channel 100x50x6mm GI channel each 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	51.52	65.00	3348.80
4	AB switch & HG Fuse , mounting channel(GI)(75x40x6)mm,each 2.8 mtr Long,4 nos(6.8Kg/mtr)	K.g	76.16	65.00	4950.40
5	Transformer belting Angle 50x50x6mm-2.8 mtr long 2 nos(4.5Kg per mtr)with side angle(Total 7 mtr)	Kg	31.5	65.00	2047.50
6	Angle for Mounting LT distribution Box (50x50x6) mm MS Angle(GI)- 2.8 mtr Long,2 nos(4.5Kg/Mtr)	K.g	44.5	65.00	2892.50
7	11 KV Disc Insulator (T&C)45 KN(Double Disc)	No.	12	290.00	3480.00
8	11 KV Hard wire fittings (T&C)type	No.	6	130.00	780.00
9	11 KV AB switch 3 pole (400Amp)	Set	1	11850.00	11850.00
10	11 KV HG fuse 3 pole ,400A	Set	1	11530.00	11530.00
11	11 KV LA(12 kv,10 KA)	No.	3	3550.00	10650.00
12	LT Distribution box including Kit kat fuse	No.	1	48000.00	48000.00
13	250 KVA, 11/0.4 KV transformer (BIS Energy Leve-II)	No.	1	268450.00	268450.00
14	HT Stay Set complete	Kg	2	1050.00	2100.00
15	HT stay insulator	No.	2	50.00	100.00
16	Stay Clamp	Pair	2	125.00	250.00
17	7/10 SWG GI Stay Wire(3.25 mm dia per strand) SWG GI stay wire(2.19 Mtr./Kg)	Kg	20	75.00	1500.00
18	GI Pipe Earthing 40 dia medium gauge 3 mtrs. Long	No.	5	1050.00	5250.00
19	25x6 mm GI flat for others	Kg	25	75.00	1875.00
20	25x4 mm GI flat for Lightning Arrester	Kg	12	75.00	900.00
21	Cement concreting for stay anchor plate 0.486 CUM of C.C 1:3:6 cement concrete Approx (0.45 Mtr.x 0.45 Mtr.x1.5 Mtr.=0.3 Cum	No.	2	1270.00	2540.00
22	Cement concreting for support 0.486 CUM of C.C 1:3:6 cement concrete Approx (0.45 Mtr.x 0.45 Mtr.x1.5 Mtr.=0.3 Cum	No.	2	1270.00	2540.00
23	Materials for Massionary work for earth Pit, Charcoal, Salt etc including construction of earthing chamber (size 2"x2") and RCC slab cover	No.	5	1723.71	8618.55
24	MS Nut ,Bolt and Washer	Kg	25	71.00	1775.00
25	LT 3.5 core PVC cable for 300 sq. mm	Mtr.	12	994.00	11928.00

26	Fencing size 8'x12' with 10 nos RCC pillar and 3 Ply GI barbed wire & grill gate & locking arrangement	Ls	1	17804.21	17804.21
27	Sundries for Al Binding tape, Inulation tape, Anticlimbing Devices, paint, Danger board etc. etc.	LS	1	2000.00	2000.00
A	TOTAL RS.				475488.76
B	Stock, storage and insurance (@3% on A)				14264.66
C	TOTAL RS. (A+B=C)				489753.42
D	T&P @ 2% of C				9795.07
E	Contingency @ 3% of C				14692.60
F	Transportation @ 7.5% of C				36731.51
G	Erection charges @ 5% on Transformers, @20 % on PSC Poles and @ 10% on others				32833.70
H	Total				583806.30
28	Plinth of 250 KVA transformer	No	1	21269.55	21269.55
29	Dismantling of Old S/S	No	1	3000.00	3000.00
I	Total Rs.				608075.85
SCOPE-B	Construction of 3 ph 5 wire LT Line-0.15 KM				
1	100x116 mm 9 mtr. RS Joist pole	No	3	13455.00	40365.00
2	RCC Base Plate	No	8	291.65	2333.20
3	AB Cable (3x95+1x70+1x16 mm ²)	Km	0.15	243000.00	36450.00
4	LT stay set complete	No.	2	520.00	1040.00
5	LT stay set Insulator	No.	2	30.00	60.00
6	LT stay clamp	No.	2	110.00	220.00
7	7/12 SWG GI stay wire	Kg.	16	75.00	1200.00
8	Dead End clamp with I hook	No.	2	125.00	250.00
9	Suspension clamp with I hook	No.	3	400.00	1200.00
10	Nuts and bolts	Kg	10	78.00	780.00
11	Cement concreting for stay anchor plate 0.486 CUM of C.C 1:3:6 cement concrete Approx (0.45 Mtr.x 0.45 Mtr.x1.5 Mtr.=0.3 Cum	No.	2	1270.00	2540.00
12	Sundries for Al Binding tape, Inulation tape, Anticlimbing Devices, paint, Danger board etc. etc.	LS	1	1000.00	1000.00
A	TOTAL RS.				87438.20
B	Stock, storage and insurance (@3% on A)				2623.15
C	TOTAL RS. (A+B=C)				90061.35
D	T&P @ 2% of C				1801.23
E	Contingency @ 3% of C				2701.84
F	Transportation @ 7.5% of C				6754.60
G	Erection charges @ 5% on Transformers, @20 % on PSC Poles and @ 10% on others				6927.33
H	Total				108246.34
29	Dismantling of Old LT Line	Ls	1	2000.00	2000.00
I	Total Rs.				110246.34
SCOPE-C	THREE PHASE SERVICE CONNECTION				
1	3.5 core 95 sq. mm PVC Cable	Mtr.	30	333.00	9990.00
2	No. 8 GI Wire	Kg	4	75.00	300.00

4	200 Amp kit kat fuse	No	3	400.00	1200.00
5	saundries	Ls	1	300.00	300.00
A	TOTAL RS.				11790.00
B	Stock,storage and insurance (@3% on A)				353.70
C	TOTAL RS.(A+B=C)				12143.70
D	T&P @ 2% of C				242.87
E	Contingency @ 3% of C				364.31
F	Transportation @ 7.5% of C				910.78
G	Erection charges @ 10% of C				1214.37
I	Sub-Total				14876.03
J	TOTAL ESTIMATED COST				733198.23
K	Total Estimated Cost in Figures				7,33,198.00
EXCESS	<input type="text"/> LESS <input type="text"/> (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.)