

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
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PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 1-E+6-F TYPE QTRS. AT REMUNA FIRE STATION IN THE DIST. OF BALASORE.

BID REF NO :- 96/PM/ELECT/OPHWC/2023-24

NAME & ADDRESS OF THE FIRM	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS. 2018-19	AMOUNT IN RS.
SCOPE [A]	Upgradation of S/S from 25 KVA to 63 KVA (BIS energy Level-II) sub station - 1 No.				
SCOPE [B]	Construction of 3 Ph 5W LT Line-0.25Km				
SCOPE [C]	Construction of 3 Ph 3W 11 Kv Line-0.06 Km				
SCOPE [D]	Guarding-1 no.,Dismantal of 3 Ph 3W 11 Kv Line-0.085 Km,Dismantle of 25 KVA S/S and Distribution Box-1 No.,				
	Upgradation of S/S from 25 KVA to 63 KVA (BIS energy Level-II) sub station -1 No.				
1	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.(9.2kg/mtr.)x2 Nos.	Kg.	52.5	65.00	3412.50
2	Transformer mounting channel 100x50x6mm 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	52.5	65.00	3412.50
3	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	75.5	65.00	4907.50
4	Transformer belting Angle 50x50x6mm-2.8 mtr long 2 nos(4.5Kg per mtr)with side angle(Total 7 mtr)	Kg	65.5	65.00	4257.50
5	11 KV 3 pole 200 A AB switch	Set	1	7350.00	7350.00
6	11 KV 3 pole 200 A HG Fuse with PI	Set	1	6120.00	6120.00
7	Lightning arrestor ,9 KV- 10KA	No	3	1000.00	3000.00
8	11 KV 100 sq. mm HT Cable	kM	0.04	90000.00	3600.00

9	LT distribution Box with MCCB,Aluminium Bus bar of single-bay with kit-kat fuse for 63 KVA Transformer	No.	1	18322.00	18322.00
10	63 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	86500.00	86500.00
11	40 mm Nominal bore GI Pipe (medium gauge)earthing device(3 Mtr. Long)	No	5	1050.00	5250.00
12	Earthing materials	No.	5	1890.00	9450.00
13	Plinth for S/S	No.	1	35000.00	35000.00
14	25x5 mm GI flat for earthing	Kg	60	75.00	4500.00
15	All. cable socket(300 sq. mm)	No.	50	52.00	2600.00
16	GI nut,bolt & washer	Kg	36	78.00	2808.00
17	Red Oxide Paint	Ltr	3	150.00	450.00
18	All. Paint	Ltr	4	200.00	800.00
19	Black Paint	Ltr	0.5	220.00	110.00
20	Sundries	Ls	1	5000.00	5000.00
21	TOTAL MATERIAL COST				206850.00
22	Escalation @6%for 2019-20				219261.00
23	Escalation @6%for 2020-21				232416.66
24	Escalation @6%for 2021-22				246361.66
25	Escalation @6%for 2022-23				261143.36
A	Escalation @6%for 2023-24				276811.96
B	Stock, Storage & Insurance @ 3% of A				8304.36
C	Sub Total (C=A+B)				285116.32
D	Contingency @3% of C				8553.49
E	T & P 2% of C				5702.33
F	Transportation @ 7.5% of C				21383.72
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				5961.46
I	Erection Charges of other @ 10%				16588.71
J	Sub Total				343306.03
K	Transportation + Labour cost of Dismatled materials(as per Estimate)				14,168.41
L	Total Rs.				3,57,474.44
26	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	1	965.00	965.00
27	Boundary wall	No	1	35000.00	35000.00
	Total Rs.				393439.44
	LINE PART				
1	9 mtr Long RS Joist pole(23Kg/Mtr.)(SAIL/JINDAL/TAT A MAKE)	No.	6	13455.00	80730.00
2	Earthing Coil	No.	6	166.00	996.00
3	11 KV 100 sq. mm HT Cable	kM	0.18	90000.00	16200.00
4	AB cable(3x50+1x35+1x16) sq. mm	Km	0.25	140000.00	35000.00
5	LT Stay set complete	Set	2	520.00	1040.00
6	7/12 SWG GI stay wire	Kg	20	75.00	1500.00

7	LT stay insulator	No.	2	110.00	220.00
8	LT stay clamp	No.	2	30.00	60.00
9	Pole clamp with I hook(ABC)	Pair	5	200.00	1000.00
10	Dead end clamp	No.	2	65.00	130.00
11	Suspension clamp with I hook	No.	3	340.00	1020.00
12	Piercing connector	No.	1	80.00	80.00
13	Neutral connector	No.	3	40.00	120.00
14	Guarding	No	1	12000.00	12000.00
15	100x50x6 mm MS channel(each 2.8 Mtr. Long (9.2 Kg/Mtr.)x2 nos.	Kg	40	65.00	2600.00
16	GI nut,bolt of assorted size	Kg	30	78.00	2340.00
17	Anticlimbing device made of GI barbed wire,clamping arrangement etc.(2 Kg per support)	Kg	12	80.00	960.00
18	Sundries for survey, tree cutting , insulated tape,mceal compound etc.	ls	0.25	2000.00	500.00
19	Sundries	LS	0.06	5000.00	300.00
20	Total Rs.				156796.00
21	Escalation @6%for 2019-20				166203.76
22	Escalation @6%for 2020-21				176175.99
23	Escalation @6%for 2021-22				186746.54
24	Escalation @6%for 2022-23				197951.34
A	Escalation @6%for 2023-24				209828.42
B	Stock, Storage & Insurance @ 3% of A				6294.85
C	Sub Total (C=A+B)				216123.27
D	Contingency @3% of C				6483.70
E	T & P 2% of C				4322.47
F	Transportation @ 7.5% of C				16209.25
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				5563.80
I	Erection Charges of other @ 10%				10484.73
J	Sub Total				259187.21
25	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	2	965.00	1930.00
26	Materila cost for padding and coupling of PSC Pole	No	6	540.00	3240.00
	Total Rs.				264357.21
	Total Estimated Cost				6,57,796.65
	Total Estimated Cost in Figures				6,57,797.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)				_____ %

Quoted Amount in Figure	
Quoted Amount in word	

N:B- The Estimated cost is exclusive of GST.

Signature of Tenderer with seal

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

**Sd/-
DM (Elect) I/C**

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