

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
 [Electrical Division]
 Ph: 0674-2541545, 2542921, Fax: 0674-2541543
 E-mail :- pmelectricalophwc2021@gmail.com, Website: www.ophwc.nic.in

PRICE BID FOR THE WORK UNDER SL. NO :- 20 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO KOREI POLICE STATION BUILDING IN THE DISTRICT OF JAJPUR.

BID REF NO :- 04/PM/ELECT/OPHWC/2024-25

**NAME &
ADDRESS
OF THE
FIRM**

SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS. 2022-23	AMOUNT IN RS.
SCOPE [A]	Upgradation of existing 25 KVA 11/0.4KV S/S to 63 KVA 11/0.4KV (Star Rated) DP mounted sub station with existing DP- 1 No				
SCOPE [B]	Dismantling of 25 KVA 11/0.4KV sub station - 1 No				
SCOPE [C]	Dismantling of 3 ph 5 wire LT line - 0.230 Km				
SCOPE [D]	Dismantling of 25 KVA S/S-1 Nos.				
1	11 mtr Long RS Joist pole(34.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)Proof of purchase of Joist poles should be submitted)	No.	2	28545.00	57090.00
2	11 KV Pin Insulator polymer	No.	3	200.00	600.00
3	11 KV T&C Hardware (45KN)	set	6	130.00	780.00
4	Disc insulator(T&C)45 KN Polymer	No	6	860.00	5160.00
5	100x50x6 mm GI Channel(9.2 Kg/Mtr.)	Kg	51.52	75.00	3864.00
6	75x40x6 mm GI Channel (6.8 Kg/Mtr.)	Kg	38.08	75.00	2856.00
7	50x50x5 mm GI Angle(4.45 Kg/Mtr.)	Kg	25.2	75.00	1890.00
8	PG clamp for 55 sq. mm AAA conductor	No.	6	480.00	2880.00
9	GI nut,bolt & washer	Kg	1.5	78.00	117.00
10	Earthing support coil type	No.	2	166.00	332.00
11	Danger Plate	No.	2	80.00	160.00
12	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	4	80.00	320.00
13	Saundries	Ls	1	3000.00	3000.00
14	TOTAL MATERIAL COST				79049.00

15	Escalation @6%for 2019-20				83791.94
16	Escalation @6%for 2020-21				88819.46
17	Escalation @6%for 2021-22				94148.62
18	Escalation @6%for 2022-23				99797.54
A	Escalation @6%for 2023-24				105785.39
B	Stock, Storage & Insurance @ 3% of A				3173.56
C	Sub Total (C=A+B)				108958.96
D	Contingency @3% of C				3268.77
E	T & P 2% of C				2179.18
F	Transportation @ 7.5% of C				8171.92
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				3934.56
I	Erection Charges of other @ 10%				3026.77
J	Sub Total				129540.15
K	Labour+Transportation charges for Dismantling as per estimate	Ls	1	897.00	897.00
L	Total Rs.				130437.15
M	Salvage value of dismantled material				4304.00
N	Total Rs.				126133.15
19	Material cost for Concreting of Joist Pole1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.45 cum(PCC 1:3:6)	No	2	2369.30	4738.60
	Sub Total Rs.				1,30,871.75
	Installation of 63 KVA 11/0.4KV (Star Rated) DP mounted sub station on existing DP- 1 No				
1	63 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	86500.00	86500.00
2	LT distribution Box including kit-kat fuse with MCCB for 63 KVA Transformer	No.	1	18322.00	18322.00
3	100 sq. mm AAC	Km	0.04	55000.00	2200.00
4	3Pole 11KV 400A AB switch	set	1	11850.00	11850.00
5	3Pole 11KV 400A HG fuse	set	1	11530.00	11530.00
6	Lightning arrestor ,12 KV- 10KA	No.	3	3550.00	10650.00
7	GI Pipe earthing 40 mm dia medium gauge 3 Mtrs. Long	No	5	1050.00	5250.00
8	Earthing materials	No	5	1890.00	9450.00
9	25x6 mm GI flat for earthing	Kg	20	75.00	1500.00
10	50x6 mm GI flat for neutral earthing	Kg	20	75.00	1500.00
11	No. 6/8 GI wire	Kg	25	75.00	1875.00
12	3.5 core 185 sq. mm LT PVC cable(Un-armoured)	Mtr.	20	635.00	12700.00
13	GI nut,bolt & washer	Kg	30	78.00	2340.00

14	PG clamp for 100 sq. mm AAA conductor	No.	3	580.00	1740.00
15	Earthing support coil type	No.	2	166.00	332.00
16	Danger Plate	No.	2	80.00	160.00
17	All. Cable socket	No	32	52.00	1664.00
18	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	4	80.00	320.00
19	Sundries for survey, pvc tape, ampere Tape, Danger Board,small size Nut & Bolt with washer ,Allm. Binding tape,Danger Board etc.	No.	1	2000.00	2000.00
20	TOTAL MATERIAL COST				181883.00
21	Escalation @6%for 2019-20				192795.98
22	Escalation @6%for 2020-21				204363.74
23	Escalation @6%for 2021-22				216625.56
24	Escalation @6%for 2022-23				229623.10
A	Escalation @6%for 2023-24				243400.48
B	Stock, Storage & Insurance @ 3% of A				7302.01
C	Sub Total (C=A+B)				250702.50
D	Contingency @3% of C				7521.07
E	T & P 2% of C				5014.05
F	Transportation @ 7.5% of C				18802.69
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				5961.46
I	Erection Charges of other @ 10%				13147.33
J	Sub Total				301149.10
25	Barbed wire fencing with Grill gate ,metal & Sand	Ls	1	35000.00	35000.00
	Total Rs.(Part-B)				336149.10
	LT LINE				
1	9 mtr Long 300 KG PSC Pole	No.	12	3000.00	36000.00
2	AB cable(3x50+1x35) sq. mm	Km	0.2369	130000.00	30797.00
3	Dead end clamp	No.	4	65.00	260.00
4	Suspension clamp with eye Hook for ABC	Pair	10	340.00	3400.00
5	Pole clamp with I hook(ABC)	Pair	14	200.00	2800.00
6	Piercing connector	No.	3	80.00	240.00
7	Neutral connector	No.	1	33.00	33.00
8	LT Stay set complete	Set	4	520.00	2080.00
9	7/12 SWG GI stay wire	Kg	40	75.00	3000.00
10	LT stay insulator	No.	4	30.00	440.00
11	LT stay clamp	No.	4	110.00	120.00
12	GI nut,bolt of assorted size	Kg	12	78.00	936.00
13	Earthing coil type	No	12	166.00	1992.00

14	Sundries for survey, tree cutting, insulated Tape, Mceal compound etc.	Ls	1	3000	3000.00
15	Total Rs.(Part-C)				85098.00
16	Escalation @6%for 2019-20				90203.88
17	Escalation @6%for 2020-21				95616.11
18	Escalation @6%for 2021-22				101353.08
19	Escalation @6%for 2022-23				107434.26
A	Escalation @6%for 2023-24				113880.32
B	Stock, Storage & Insurance @ 3% of A				3416.41
C	Sub Total (C=A+B)				117296.73
D	Contingency @3% of C				3518.90
E	T & P 2% of C				2345.93
F	Transportation @ 7.5% of C				8797.25
G	Erection Charges for PSC Pole @ 20%				11710.65
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				5874.31
J	Sub Total				149543.78
20	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	4	965.00	3860.00
21	Material cost for Concreting of PSC Pole1.80 Mtrx0.45 Mtr.x0.45 Mtr=0.3037cum(PCC 1:3:6)@6500	No	12	2369.30	28431.60
	Total Rs.				181835.38
	Sub Total Rs.				6,48,856.24
	Cess @ 1%				6,488.56
	Total Estimated Cost				6,55,344.80
	Total Estimated Cost in Figures				6,55,345.00
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.)