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 :- 04 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO DISTRICT HEADQUARTERS FIRE STATION EQUIPMENT HUB AT KHORDHA FIRE STATION IN THE DISTRICT OF KHORDHA.

BID REF NO :- 46/PM/ELECT/OPHWC/2026-27

NAME & ADDRESS OF THE FIRM	

SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
I	**INSTALLATION OF 25 KVA S/S.**				
1	WPB 160X160X6-11 Mtr. Long ,30.44 Kg/mtr.	No.	2	28835.00	57670.00
2	GI Channel 100x50x6 mm	Kg	533.146	78.00	41,585.39
3	9 Mtr Long 300 KG PSC Pole	No	1	3630.00	3630.00
4	Pole clamp for EYE hook	Pair	2	240.00	480.00
5	EYE hook W/O Susp. Clamp for XLPE Aerial bunched Cable	No	2	75.00	150.00
6	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	2	217.00	434.00
7	LT Stay set Complete	Set	1	736.00	736.00
8	7/12 SWG GI stay wire, Grade -2	Kg	12	79.00	948.00
9	LT stay Clamp (1.40Kg/pair)	Pair	1	350.00	350.00
10	LT Stay insulator	No	1	19.00	19.00
11	25 KVA , 11/0.4 KV (AL) Transformer BIS Energy Level-II	No	1	71785.00	71,785.00
12	LT Distrubution Box with MCCB, Aluminim Busbar for 25 KVA S/S.	No	1	26720.00	26,720.00
13	55 sq. mm ACSR insulated Covered Conductor	Mtr.	50	101.00	5,050.00
14	1.1 KV 4Cx 50 sq. mm LT XLPE cable(Armoured AL)	Mtr	55	311.00	17,105.00
15	HDPE pipe 110 mm dia PN8 PE 80	Mtr.	20	261.00	5,220.00
16	11 KV AB Switch Trip Pole Gang Ope,200 A)	Set	1	9080.00	9,080.00
17	11 KV DO Fuse	Set	1	3214.00	3,214.00
18	TC Fuse wire 40 SWG/0.12 mm dia 2.5 Amp	Kg	3	40.00	120.00
19	Wedge connector for 55 sq. mm conductor	No	3	100.00	300.00

20	Polycarbonate Bird Guard	No	3	21.00	63.00
21	11 KV Disc insulator polymer type 70 KN	No	3	150.00	450.00
22	11 KV H/W fitting polymer type	Pair	3	412.00	1,236.00
23	11 KV Lightning Arrester(12 KV,10 KA)	No.	3	1960.00	5,880.00
24	DMC Insulator-50x40x70 mm	No	8	113.50	908.00
25	HT Stay Set (Complete)	Set	2	1434.00	2,868.00
26	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	260.00	520.00
27	HT Stay Insulator	No.	2	87.00	174.00
28	7/10 SWG Stay Wire ,7/3.25 mm	KG	30	78.00	2,340.00
29	GI Pipe for earthing 40mm dia 3mtr long	EA	7	1300.00	9,100.00
30	GI Nut, Bolt & washers of different sizes	Kg	25	74.00	1,850.00
31	GI barbed wire/Anticlimbing device	No	6	74.00	444.00
32	Danger plate	No	2	180.00	360.00
33	Smart Energy meter	No	1	7359.11	7,359.11
A	**A. Sub total**				**2,78,148.50**
B	**B. Stock, Storage & Insurance @ 3% of A**				**8,344.45**
C	**Sub Total (C=A+B)**				**2,86,492.95**
D	**T&P @ 2% of C**				**4,919.25**
E	**Contigency @ 3% of C**				**8,594.79**
F	**Transportation @ 7.5% of C**				**21,486.97**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**6666.93**
H	**Erection Charges @ 20% on PSC Poles**				**747.78**
I	**Erection Charges @ 10% for other materials**				**10888.49**
J			**Total**		**3,39,797.16**
34	Laying of PCC M20	M3	1.501	6,648.85	9,979.92
35	PCC 1:3:6	M3	1.745	5,247.48	9,156.85
36	Cravo; opreading over bay/CEE/other	M3	1.7783	3,000.00	5,334.90
37	Installation of 11 KV complete stay set with concrete	No	2	2,301.53	4,603.06
38	Fixing of LT stay set with concrete	No	1	2,301.53	2,301.53
39	Earth chamber including installation of earthing pipe	No	7	3,784.73	26,493.11
40	Constn. of Plinth L.T DB Box for 250-500 KVA	No	1	11,354.56	11,354.56
41	Laying of HDPE from size 110mm to 200mm	Mtr	20	195.00	3,900.00
42	Laying of cable upto 120 sq. mm	Mtr.	55	47.87	2,632.85
43	Supply & Crimping/Fixing/conntermi AL50	No	24	23.02	552.48
44	SITC of 1.1 KV 3 5C/4C 35-120 sqmm ter	No	2	3,840.00	7,680.00
45	Sup/inst 3.5/4C 16-35 sq.mm.	No	3	520.00	1,560.00
46	Excaton of CBL Trench	No	2.1	716.03	1,503.66
47	Excavtn Trench hard Rock Over.	M3	0.9	1,759.39	1,583.45
48	Back Filling with same earth	M2	3	220.00	660.00
49	Painting of Pole in Black & Yellow strip.	No	2	283.34	566.68

50	GIS mapping	No	1	1,000.00	1,000.00
51	SITC of DPC Extinguisher	No	1	4,500.00	4,500.00
52	SITC Display Board/Sign Board	No	1	3,640.00	3,640.00
53	Supply and Erection GI Fencing with Gate.	Mtr	18	4,167.57	75,016.26
	Total Rs.				**1,74,019.32**
					5,13,816.48
B	**11 KV CUT POINT WITH 90 DEGREE ANGLE**				
1	GI channel 100X50X6mm	Kg	67.344	78.00	5252.832
2	11 KV Pin Insulator Polymer,11 KV 20 mm FRP Dia.	No	4	140.00	560.00
3	Non metallicTies -11 KV 55 sq. mm CVRD AAAC	No	4	110.00	440
4	IPC for 11 KV 55 sq. mm CVRD AAAC	No	3	550.00	1650
5	Dead End Assembly -11KV 55-100 Sqmm MVCC	Kg	3	2500.00	7,500.00
6	Insu. Disc Polymer 11KV 70KN	No	3	150.00	450.00
7	Stay Clamp 150x150 mm RS Joist.	No	1	260.00	260.00
8	HT Stay Set (Complete)	Set	1	1434.00	1,434.00
9	HT Stay Insulator	No.	1	87.00	87.00
10	7/10 SWG Stay Wire ,7/3.25 mm	KG	15	78.00	1,170.00
11	GI Nut , Bolt & Washer of different sizes	Kg	4.998	74.00	369.852
A	**A. Sub total**				**19,173.68**
B	**B. Stock, Storage & Insurance @ 3% of A**				**575.21**
C	**Sub Total (C=A+B)**				**19,748.89**
D	**T&P @ 2% of C**				**334.19**
E	**Contigency @ 3% of C**				**592.47**
F	**Transportation @ 7.5% of C**				**1,481.17**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**1,670.93**
J	**Total**				**23,827.65**
12	Installation of 11 KV complete stay set with concrete	No	1	2,301.53	2,301.53
	Total Rs.				**26,129.18**
C	**11 KV PIN POINTS WITH WPB**				
1	55 sq. mm 11 KV AAAC XLPE Insulated Covered Conductor	Mtr.	92.7	101.00	9,362.70
A	**A. Sub total**				**9,362.70**
B	**B. Stock, Storage & Insurance @ 3% of A**				**280.88**
C	**Sub Total (C=A+B)**				**9,643.58**
D	**T&P @ 2% of C**				**192.87**
E	**Contigency @ 3% of C**				**289.31**
F	**Transportation @ 7.5% of C**				**723.27**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				

H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				964.36
J	Total				11,813.39
2	Detail GPS and GPR Survey	Km	0.03	10,470.00	314.10
	Total Rs.				**12,127.49**
III	**LT Line**				
1	GI Nut , Bolt & Washer of different sizes	Kg	0.5	74.00	37.00
2	9 Mtr Long 300 KG PSC Pole	No	1	3630.00	3630.00
3	GI Channel 100x50x6 mm Channel	Kg	1.77	78.00	138.06
4	LT Stay set Complete	Set	1	736.00	736.00
5	7/12 SWG GI stay wire, Grade -2	Kg	12	79.00	948.00
6	LT stay Clamp (1.40Kg/pair)	Pair	1	350.00	350.00
7	LT Stay insulator	No	1	19.00	19.00
8	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	2	240.00	480.00
9	EYE hook W/O Susp. Clamp for XLPE Aerial bunched Cable	No	2	75.00	150.00
10	Dead End Clamp W/O Eye Hook for XLPE Aerial bunched Cable	No	2	217.00	434.00
11	Cable ABC LT 4x35+1x35+1x16 sq.mm XLPE	Mtr	34.65	167.00	5786.55
12	LT Service Distribution Box 10 way 3Ph 4 W	No	1	920.00	920.00
13	Insulated piercing connector.Type-B	No	4	62.13	248.52
14	Coil Earthing	No	1	164	164.00
15	Danger Board	No	1	180	180.00
16	GI stranded wire Barbed wire.	Kg	3	74	222.00
A	A. Sub total				14,443.13
B	B. Stock, Storage & Insurance @ 3% of A				433.29
C	Sub Total (C=A+B)				14,876.42
D	T&P @ 2% of C				255.24
E	Contigency @ 3% of C				446.29
F	Transportation @ 7.5% of C				1,115.73
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				
H	Erection Charges @ 20% on PSC Poles				747.78
I	Erection Charges @ 10% for other materials				902.30
J	Total				18,343.77

17	Fixing of LT complete stay set includes(1) Turn Buckle assembly(2)Stay Rod & stay Plate(3)Stay Insulator(4)Stay Wire(5)stay Clamps with Nuts & Bolts,including excavation supply of 0.5 cum cement concrete foundation 1:2:4 size(500x500x800mm)using 20 mm BHG metal with all Labour and material(Excavation of earth will be done of size500x500x1500mm)	No	1	2301.53	2301.53
18	Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr	Cu.Mtr	0.375	6648.85	2493.32
19	Painting of Pole in Black & Yellow strip.	No	1	283.34	283.34
20	GIS Mapping	No	1	836.00	836.00
21	Detail GPS and GPR Survey	Km	0.033	10470.00	345.51
					6259.70
	Total Rs.				**24,603.47**
	Sub Total Rs.				**5,76,676.62**
	Cess @ 1%				5,766.77
	Total Estimated Cost				**5,82,443.38**
	Total Estimated Cost in Figures				**5,82,443.00**
EXCESS	☐ LESS ☐ (Please Tick)	**In Figure** ______________ % **In word** ________________________________%			
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/-
Dy. Manager (Elect)

Sd/-
Project Manager (Elect)