

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 :- 02 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 4-F TYPE QUARTERS AT KODINGA POLICE STATION IN THE DISTRICT OF NABARANGPUR.

BID REF NO.- 94/PM/ELECT/OPHWC/2023-24

**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.
PART-I	Extension of LT 3ph 5 W line using 3x50+1x35+1x16 sqmm XLPE AB Cable=0.2 Km and Conversion of LT Line-0.1 Km on existing Pole.				
1	8 Mtr. Long 200 KG PSC pole	No	7	2600.00	18,200.00
2	Base plate	No	7	340.00	2,380.00
3	3x50+1x35+1x16 sqmm XLPE AB Cable	Mtr.	300.00	182.00	54,600.00
4	Pole clamp with I hook	No	7.00	260.00	1,820.00
5	Suspension clamp with I Hook	No	10	442.00	4,420.00
6	Dead end clamp Eye Hook	No	10	84.50	845.00
7	Piercing connector	No	10	104.00	1,040.00
8	Neutral connector	No	10	42.90	429.00
9	Earthing support coil type	No	7	215.80	1,510.60
10	L.T Stay set (Complete)	Set	5	676.00	3,380.00
11	L.T Stay Insulator	No.	5	39.00	195.00
12	L.T Stay Clamp(1.4 K.g/Pair)	Pair	5	143.00	715.00
13	7/12 SWG Stay Wire	Kg	40	97.50	3,900.00
14	GI Nuts and Bolts of assorted size	Kg	10	101.40	1,014.00
15	Sundries	LS	1	500.00	500.00
	A.Sub Total Rs.				94,948.60
B	Stock,storage and insurance (@3% on A)				2,848.46
C	TOTAL RS.				97,797.06
D	T&P @ 2% of C				1,955.94
E	Contingency @ 3% of C				2,933.91
F	Transportation @ 7.5% of C				7,334.78
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				11,654.31
H	TOTAL RS.				121,676.00
16	Couping with CC 1:3:6 by using 12 mm size Hard broken granite chips= 0.3Mtrx 0.3Mtrx0.45 mtr= 0.0405 cum	Nos.	7	193.00	1,351.00

17	Cement Concreting for stay anchor plate with CC 1:3:6 using 4 cm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3 cum	Nos.	5	1160.00	5,800.00
	Total Rs.(Part-I)				128,827.00
PART-II	Installation of 100 KVA 11/0.4KV sub station - 1 No.				
1	Top Pressure Channel 100x50x6mm MS channel each 2.8 mtr long(9.2K.g/mtr)GI	K.g	51.52	97.50	5,023.20
2	AB switch &HG fuse mounting channel(75x40x6)mm,GI channel each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	97.50	7,425.60
3	Cantilever Channel for supporting HG Fuse 75x40x6mm. MS Angle 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	97.50	1,326.00
4	Cantilever Channel for supporting HG Fuse 50x50x6mm MS Angle 1 mtr. Long 2 Nos. (4.5 kg./mtr.)GI	Kg.	9	97.50	877.50
5	Cantilever Channel for supporting arrangement AB switch 50x50x6mm MS Angle 2 mtr. Long 2 Nos. (4.5 kg./mtr.)GI	Kg.	18	97.50	1,755.00
6	Angle for mounting LT Distribution Box (50x50x6)mm 3 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	13.5	97.50	1,316.25
7	11 KV HW fitting 3 Bolt T&C	No	3	169.00	507.00
8	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3,354.00
9	11KV AB switch 3 pole(400 Amp)	Set	1	15405.00	15,405.00
10	11KV HG fuse 3 pole(400 Amp)	Set	1	14989.00	14,989.00
11	9KV 5KA LA, Station class	No.	3	1274.00	3,822.00
12	LT Distribution Box with MCCB, Aluminium Bus Bar for 2 bay with Kitkat fuse for 100 KVA S/S.	No	1	31744.70	31,744.70
13	40 mm Nominal bore GI Pipe Medium gauge earthing device 3 mtrs long	No	1	1365.00	1,365.00
14	Materials for earthing including massonary work for eathpit, charcoal,salt & RCC cover etc.	No	1	1500.00	1,500.00
15	No. 6 GI Wire for earthing	Kg	10	97.50	975.00
16	GI Flat 25x6 mm for neutral & body earthing of DTR	Kg	10	97.50	975.00
17	GI Nuts and Bolts of assorted size	Kg	20	101.40	2,028.00
18	100 KVA ,11/0.4 KV(AL) Transformer BIS energy Level-II	No	1	152100.00	152,100.00
19	LT 3.5 core ,95 sq. mm PVC cable(Unarmoured)	Mtr.	6	432.90	2,597.40
20	Back clamp for ACD (25x3 mm GI earth Flat,0.59 Kg/Mtr. & 0.51 Mtr. For each Back Clamp.)	Kg	0.602	97.50	58.70
21	Sundries (Paint,insulating tape,clamp connector,jumpering materials,socket & other acessories etc.	LS	1	3500.00	3,500.00

A.Sub Total Rs.					252,644.35
B	Stock,storage and insurance (@3% on A)				7,579.33
C	TOTAL RS.				260,223.68
D	T&P @ 2% of C				5,204.47
E	Contingency @ 3% of C				7,806.71
F	Transportation @ 7.5% of C				19,516.78
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				18,189.22
H	TOTAL RS.				310,940.85
22	Brick Boundary wall for fencing of 5" height with 9" wall for area 8ft x 12ft	Ls	1	40000.00	40,000.00
23	MS Grill gate 1.5mtr (h) x 1.5mtr (w) made of 35x35x6 mm Angel and 25x6mm flat (Angel for outside boarder with horizontal & vertical crossing for i)35x35x6mm MS Angel=1.5mtr x 4 = 6mtr @ 3kg/mtr = 18kg@ Rs.93.00/kg=Rs.1674.00/- (with galvanisation charges) ii) 25x6 mm GI flat = 1.5mtr x8x2=24mtr@1.2kg/mtr=28.8kg@Rs.93.00/kg=Rs.2678.80 iii) Painting of gate with 2 coat= Rs.200/- (LS) Total = Rs.(1674+2678+200)= Rs.4552.80	No	1	4552.80	4,552.80
24	Filling Sand @ 431.60/cmt for(8ft x 12ft x 1/2ft) = 48 Cft= 1.359Cm. i.e 1.359 x 431.60= 586.54 or 587.00		1	587.00	587.00
25	40MM Size HBG Metal @ Rs.981.36/cmt for (8ft x 12ft x 1/4ft) = 24Cft = 0.679Cmt i.e. 0.679 x 981.36 = 666.75 or say Rs. 667.00		1	667.00	667.00
26	Sundries (Danger Board,antclimbing device etc.)	LS	1	350.00	350.00
					46,156.80
				Total Rs.	357,097.65
	Total Estimated Cost				485,924.66
	Total Estimated Cost in Figures				485,925.00
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/-
Project Manager (Elect.)

Sd/-
D.M (Elect) I/C