

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 :- 03 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 4-F TYPE QUARTERS AT KUNDEI 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	Construction of LT 3ph 5 W line using 3x50+1x35 sqmm XLPE AB Cable=0.35 Km(11 SPANS)				
1	8 Mtr. Long 200 KG PSC pole	No	11	2600.00	28,600.00
2	Base plate	No	11	340.00	3,740.00
3	3x50+1x35 sqmm LT XLPE AB Cable	Mtr.	350.00	169.00	59,150.00
4	Pole clamp with I hook	No	11.00	260.00	2,860.00
5	Suspension clamp with I Hook	No	11	442.00	4,862.00
6	Dead end clamp Eye Hook	No	6	84.50	507.00
7	Piercing connector	No	11	104.00	1,144.00
8	Neutral connector	No	11	42.90	471.90
9	Earthing support coil type	No	11	215.80	2,373.80
10	L.T Stay set (Complete)	Set	4	676.00	2,704.00
11	L.T Stay Insulator	No.	4	39.00	156.00
12	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	143.00	572.00
13	7/12 SWG Stay Wire	Kg	32	97.50	3,120.00
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.				111,774.70
B	Stock,storage and insurance (@3% on A)				3,353.24
C	TOTAL RS.				115,127.94
D	T&P @ 2% of C				2,302.56
E	Contingency @ 3% of C				3,453.84
F	Transportation @ 7.5% of C				8,634.60
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				14,458.60
H	TOTAL RS.				143,977.53
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.	11	193.00	2,123.00

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.	4	1160.00	4,640.00
	Total Rs.(Part-I)				150,740.53
PART-II	Refurbishment 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	3	1365.00	4,095.00
14	Materials for earthing including massonary work for eathpit, charcoal,salt & RCC cover etc.	No	3	1500.00	4,500.00
15	No. 6 GI Wire for earthing	Kg	20	97.50	1,950.00
16	GI Flat 25x6 mm for neutral & body earthing of DTR	Kg	20	97.50	1,950.00
17	GI Nuts and Bolts of assorted size	Kg	20	101.40	2,028.00
18	LT 3.5 core ,50 sq. mm PVC cable(Unarmoured)	Mtr.	6	263.90	1,583.40
19	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
20	Sundries (Paint,insulating tape,clamp connector,jumpering materials,socket & other acessories etc.	LS	1	3500.00	3,500.00
	A.Sub Total Rs.				107,210.53
B	Stock,storage and insurance (@3% on A)				3,216.31

C	TOTAL RS.				110,426.66
D	T&P @ 2% of C				2,208.53
E	Contingency @ 3% of C				3,312.80
F	Transportation @ 7.5% of C				8,282.00
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				11,042.67
H	TOTAL RS.				135,272.65
21	Brick Boundary wall for fencing of 5" height with 9" wall for area 8ft x 12ft	Ls	1	40,000.00	40,000.00
22	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	4,552.80	4,552.80
23	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
24	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
25	Sundries (Danger Board,anticlimbing device etc.)	LS	1	350.00	350.00
					46,156.80
				Total Rs.	181,429.45
	Total Estimated Cost				332,169.99
	Total Estimated Cost in Figures				332,170.00
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