

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 MODEL BUS STAND AT DABUGAON IN THE DIST. OF NABARANGPUR.

BID REF NO :- 60/PM/ELECT/OPHWC/2022-23

**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.
SCOPE-A	Construction of 3 ph 3 wire 11 KV line using 3Cx50 sq.mm XLPE Cable -200 MTR.(4 Spans)				
1	11 KV 'V' cross arm	No.	4	1004.40	4017.60
2	Back Clamp for 'V' Cross Arm	No.	4	99.20	396.80
3	Top bracket	No	4	297.60	1190.40
5	11KV Pin Insulator Polymer	No.	12	248.00	2976.00
6	11KV Disc insulator T&C type Polymer	No.	9	1066.40	9597.60
7	11KV H/W Fittings T&C	No.	9	161.20	1450.80
8	100x50x6 mm MS Channel	Kg	88.4	80.60	7125.04
9	MS Bolts, nuts & washers	Kg	20	88.04	1760.80
10	160x152 WPB Pole (11Mtr. Long, 30.44 Kg/Mtr.)	No	5	26988.10	134940.50
11	160x152 WPB Pole (10Mtr. Long, 30.44 Kg/Mtr.)	No	5	24534.64	122673.20
12	Base plate	No	10	397.81	3978.10
13	Earthing coil for support	No.	5	205.84	1029.20
14	3Cx50 sq.mm 11 KV XLPE Cable	Mtr.	400	503.44	201376.00
15	jointing kits	No.	4	21678.92	86715.68
16	Concreting of cut point	No	10	1512.04	15120.40
17	No. 6 GI wire for earthing	Kg	50	93.00	4650.00
18	Sundries (Paint, Danger Board, Al. Binding Tape & wire Insulating Tape, Anticlimbing Device, clamp connector, jumpering materials, socket & other accessories etc.)	No.	1	620.00	620.00
19	TOTAL RS.				599618.12

SCOPE-B	Installation of 63 KVA 11/0.4KV Transformer BIS Energy Level-II - 1 No.				
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1	160x152 WPB Pole (11Mtr. Long, 30.44 Kg/Mtr.)	No	2	26988.10	53976.20
3	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.(9.2kg/mtr.)x2 Nos.	Kg.	51.52	80.60	4152.51
4	Transformer mounting channel 100x50x6mm 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	51.52	80.60	4152.51
5	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76.16	80.60	6138.50
6	Cantilever Channel for supporting HG Fuse 75x40x6mm. 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	80.60	1096.16
7	Cantilever Channel for supporting HG Fuse 50x50x6mm. 1 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	80.60	725.40
8	Angel for cantilever arrangement for AB switch and HG Fuse 50x50x6mm 2 Mtr. Longx2 Nos.(4.5Kg./mtr)	Kg.	18	80.60	1450.80
9	Transformer belting Angle 50x50x6mm-2.8 mtr long 2 nos(4.5Kg per mtr)with side angle(Total 7 mtr)	Kg	31.5	80.60	2538.90
10	Angle for mounting LT Distribution Box (50x50x6)mm 2.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	22.5	80.60	1813.50
6	11KV Disc insulator T&C type	No.	3	359.60	1078.80
7	11KV H/W Fittings T&C	No.	3	161.20	483.60
11	11KV AB switch 3 pole(200 Amp)	Set	1	9114.00	9114.00
12	11KV HG fuse 3 pole(200 Amp)	Set	1	7588.00	7588.00
13	11 KV LA,10 KA	No.	3	1240.00	3720.00
14	LT Distribution box for 63 KVA DTR with Aluminium Bus Bar of single Bay with Kitkat Fuse for 63 KVA S/S.	No	1	22719.28	22719.28
15	HT stay set (Complete)	No.	2	1302.00	2604.00
16	stay Insulator	No.	2	62.00	124.00
17	Stay clamp	pair	2	155.00	310.00
18	7/10 SWG GI Saty wire	Kg	20	93.00	1860.00
19	GI Pipe earthing 40 mm Dia Medium gauge 2.5 mtrs long	No	3	1302.00	3906.00
20	Earthing coil for support	No	3	205.84	617.52
21	No. 6 GI wire for earthing	Kg	20	93.00	1860.00
26	MS nut,bolt & washers	Kg	36	88.04	3169.44
23	63 KVA ,11/0.4 Kv (AL) Transformer BIS Energy Level-II	No.	1	107260.00	107260.00
24	150 sq. mm 3.5 core LT PVC cable	Mtr.	15	624.96	9374.40
28	Concrete material for stay anchor plate (0.45Mtrx 0.45Mtrx1.5 mtr= 0.3 cum)	Nos.	2	1512.04	3024.08
28	Padding and Concreting material for support (0.45Mtrx 0.45Mtrx1.5 mtr)	Nos.	2	1512.04	3024.08

31	Materials for massonary work for eathpit, charcoal,salt & RCC cover etc.	No	3	1980.47	5941.41
12	Base plate for support	No	2	397.81	795.62
25	25x6 mm GI Flat	Kg	20	93.00	1860.00
27	Plinth of Substation	No	1	74400.00	74400.00
	TOTAL RS.				340878.71
A	TOTAL MATERIAL COST IN RS.				940496.83
B	Stock,storage and insurance (@3% on A)				28214.90
C	TOTAL RS.				968711.73
D	T&P @ 2% of C				19374.23
E	Contingency @ 3% of C				29061.35
F	Transportation @ 7.5% of C				72653.38
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				75300.40
H	TOTAL RS.				1165101.10
	Sub Total Rs.				1165101.10
	Cess @1%				11651.01
	Total Estimated Cost				1176752.11
	Total Estimated Cost in Figures				11,76,752.00
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/-
Asst. Project Manager (Elect) (Hqr)

Sd/-
Project Manager(Elect.)