

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 AMA BUS STAND AT SORODA IN THE DISTRICT OF GANJAM.

BID REF NO.- 39/DGM//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.	AMOUNT IN RS.
PART-I	3 phase 3W 11 KV line with 80 sq. mm AAAC-0.01 Km				
1	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos,0.2 Mtr. Long 2 Nos.	Kg	25.76	102.00	2627.52
2	55 sq. mm AAAC	Km	0.0618	40800.00	2521.44
3	Disc insulator 45 KN (B&S) Polymer	No.	3	1169.60	3508.80
4	11 KV HW fitting (B&S)45 KN	No	3	353.60	1060.80
5	PG clamp for 55 sq. mm AAAC(cut point)	Nos.	3	652.80	1958.40
6	Fish plate 50x6 mm ,3.14 Kg/Mtr.,each 0.28 Mtr.	Kg	2.64	102.00	269.28
7	GI Nut, Bolt & washer	Kg	25	106.08	2652.00
8	Saundries(Aluminium binding tape,insulating tape etc.)	No.	1	100.00	100.00
	PART-I				14698.24
PART-II	Installation of 250 KVA 11/0.4KV sub station -1 No.				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)	No	2	34321.52	68643.04
2	Earthing Device coil type GI	No	2	225.76	451.52
3	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	102.00	53.45
4	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	102.00	5255.04
5	AB switch &HG fuse mounting GI channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	102.00	7768.32
6	Cantilever GI Channel for supporting AB Switch Arm,75x40x6mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	102.00	1387.20
7	Cantilever GI angle for supporting AB Switch & HG Fuse 50x50x6mm MS Angle 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	13.5	102.00	1377.00

8	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	Kg.	9	102.00	918.00
9	AB switch side support channel 100x50x6 mm ,9.2 Kg/Mtr.,each channel length 0.35 Mtr.,2 Nos required	Kg.	6.44	102.00	656.88
10	Channel support for down pipe 75x40x6 mm ,6.8 Kg/Mtr., each channel length 0.8 Mtr., 1 No. required.	K.g	5.44	102.00	554.88
11	Disc insulator 45 KN (T&C) Polymer	No.	3	1169.60	3508.80
12	11 KV HW fitting (T&C)45 KN	No	3	353.60	1060.80
13	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	9996.00	9996.00
14	11KV HG fuse 3 pole(200 Amp)	Set	1	8323.20	8323.20
15	11 KV LA(9 KV, 10 KA)	No.	3	1360.00	4080.00
16	HT stay set (Complete)REC Construction standard	No.	2	1428.00	2856.00
17	HT stay Insulator, Type-C	No.	2	68.00	136.00
18	Stay clamp(1.9 Kg/Pair)	pair	2	170.00	340.00
19	7/10 SWG GI Saty wire, grade-2	Kg	20	102.00	2040.00
20	250 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	365092.00	365092.00
21	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 250 KVA S/S	No	1	65280.00	65280.00
22	150 sq. mm 1 core LT XLPE Cable	Mtr.	40	285.60	11424.00
23	55 sq. mm AAAC for jumpering	Km	0.05	40800.00	2040.00
24	PG clamp for 55 sq. mm AAAC	Nos.	3	652.80	1958.40
25	Fish plate 50x6 mm ,2.36 Kg/Mtr.,each 0.28 Mtr.	Kg	3.96	102.00	403.92
26	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1428.00	9996.00
27	25x6 mm GI flat(Neutral)	Kg	10	102.00	1020.00
28	25x4 mm GI flat	Kg	60	102.00	6120.00
29	GI Nuts, Bolts and washers of assorted size	Kg	25	106.08	2652.00
30	Danger Board	No.	2	108.80	217.60
31	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	102.00	61.38
32	GI 2 ply ,2.5 mm dia Barbed wire for Anticlimbing Device	Kg	6	108.80	652.80
33	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.407	102.00	245.51
34	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	1000.00	1000.00
PART-II					587569.75
A.Sub Total Rs.					602,267.99
B	Stock,storage and insurance (@3% on A)				18068.04
C	TOTAL RS.				620336.03
D	T&P @ 2% of C				12406.72
E	Contingency @ 3% of C				18610.08

F	Transportation @ 7.5% of C				46525.20
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				39696.24
H	TOTAL RS.				737574.27
35	Cement Concreting stud/stay anchor plate CC foundation 1:2:4 size by using 20 mm size hard granite metal= 0.5Mtr.x 0.5Mtrx0.8 mtr= 0.2 cum	Nos.	2	1235.58	2471.16
36	Padding and Concreting for WPB Pole C.C.1:1:5:3 with dimension =0.5 Mtr.x0.5 Mtr.x1.8 Mtr.=0.45 cum @6400 and coupling C.C 1:1:5:3 with dimension =0.5 Mtr.x0.5 Mtr.x0.45 Mtr.=0.1125 cum @ 6400	Nos.	2	3600.00	7200.00
37	Construction of Brick wall Boundary with civil and MS material with metal and sand spreading .	Mtr.	18.00	7,300.12	131402.16
38	Construction of Plinth for 11/0.4KV ,250 KVA DSS	No	1.00	32,181.60	32181.60
					173,254.92
	Total Rs.				910,829.19
	Cess @ 1%				9,108.29
	Total Estimated Cost				919,937.48
	Total Estimated Cost in Figures				919,937.00
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/-
D.M (Elect) I/C**

**Sd/-
DGM Engg.(Elect.)**