

**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 :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO ANWESHA HOSTEL BUILDING AT UMERKOTE IN THE DISTRICT OF NABARANGAPUR.

BID REF NO.- 56 /JM/ELECT/OPHWC/2020-21

**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	Installation of DP Mounted 63KVA 11/0.4KV sub station using 10mtr long 150X150mm RS Joist Pole - 1 No.				
1	10 mtr long 150x150 mm RS Joist Pole @34.6 Kg/mtr-2 NOS	Kg	692	65.00	44,980.00
2	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos .	Kg.	51.52	65.00	3,348.80
3	Transformer mounting Channel 100X50X6 mm.2.8mtr. Long 2Nos .	Kg.	51.52	65.00	3,348.80
4	AB switch & H.G fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.).	Kg.	76.16	65.00	4,950.40
5	Cantilever channel for supporting HG fuse 75x40x6mm.MS Angle 1mtr. Long 2Nos. (6.8kg./mtr.).	Kg.	13.6	65.00	884.00
6	Cantilever channel for supporting HG fuse 50x50x6mm MS angle 1 mtr long 2 nos(4.5 Kg/Mtr).	Kg.	9.00	65.00	585.00
7	Angle for Cantilever arrangement for AB switch & H.G fuse 50x50x6mm 2 mtr long 2 nos(4.5 Kg/Mtr).	Kg.	18.00	65.00	1,170.00
8	Transformer belting 50x50x6mm angle 2.8 mtr long 2 nos(4.5 Kg/Mtr).	Kg.	31.5	65.00	2,047.50
9	Angel for mounting L.T Distribution box 35x35x5mm(4.5 Kg/Mtr).	Kg.	22.5	65.00	1,462.50
10	11 KV Disc insulator (T &C)	No.	3	290.00	870.00
11	11 KV Hard ware fittings (T&C)type	No.	3	130.00	390.00
12	11KV AB switch 3 pole(200 Amp)	Set	1	7350.00	7,350.00
13	11KV HG fuse 3 pole(200 Amp)	Set	1	6120.00	6,120.00
14	11 KV Lighting arrester,10KA	No.	3	1000.00	3,000.00
15	100X50X6mm.channel for distribution fuse control .	Kg.	35.88	65.00	2,332.20
16	11 KV GI Pin	No.	8	80.00	640.00

17	11 KV Pin Insulator	No.	8	80.00	640.00
18	HT stay set (Complete)	No.	2	1050.00	2,100.00
19	11 KV stay Insulator	No.	2	50.00	100.00
20	Stay Clamp	Pair	2	125.00	250.00
21	7/10 SWG GI Saty wire	Kg	20	75.00	1,500.00
22	GI Pipe earthing 40 mm Dia Medium gauge 3 mtrs long	No.	3	1050.00	3,150.00
23	Earthing coil	No.	3	166.00	498.00
24	No-6 G.I wire (Dia 4.8mm)	Kg	20	75.00	1,500.00
25	MS Nuts , Bolts and washers	Kg	36	71.00	2,556.00
26	63 KVA 11/0.4 KV(Al)Transformer Bis Energy level-II	No.	1	86500.00	86,500.00
27	LT 3 1/2 Core 150sq. mm PVC Cable (un-Armoured)	Mtr.	15	504.00	7,560.00
28	Concrete material for stay anchor plate (0.45x0.45x1.5) mtr	Nos.	2	1219.39	2,438.78
29	Padding and concreting materials for support (0.45x0.45x1.5) mtr	Nos.	2	443.10	886.20
30	Materials for Massionary work for earth Pit, Charcoal, Salt and cement plate cover	No.	3	1597.15	4,791.45
31	GI Base plate (500x500x10 mm) for PSC Pole	No.	2	320.81	641.62
32	25x6mm GI Flat	Kg	20	75.00	1,500.00
33	Fencing size 8'x12' with 10 nos RCC pillar and 3ply GI barbed wire & Grill gate & locking arrangement	LS	1	8440.63	8,440.63
	Total				208,531.88
SCOPE-B	Construction of 3 ph 3 wire 11 KV line using 11 mtr. Long 150x150mm RS Joist Pole & 55 mm² AAAC -0.45 Km				
1	11 kv GI V cross Arm	No.	2	810.00	1,620.00
2	Back clamp for V cross arm	No	2	80.00	160.00
3	Top Bracket	No.	2	240.00	480.00
4	11 KV Pin insulator Polymer	No	6	200.00	1,200.00
5	11 KV GI Pin	No	0	80.00	-
6	11 KV Disc insulator (T& C)	No.	48	290.00	13,920.00
7	11 KV Hard wire fittings (T & C)	No.	24	130.00	3,120.00
8	100X50X6mm M.S channel	Kg.	88.32	65.00	5,740.80
9	HT Stay Set complete	Set	9	1050.00	9,450.00
10	HT stay insulator	No.	9	50.00	450.00
11	Stay Clamp	Pair	9	125.00	1,125.00
12	7/10 SWG GI Saty wire	Kg	90	75.00	6,750.00
13	MS Nut,Bolt & Washers	Kg	15	71.00	1,065.00
14	55 sq. mm AAA conductor(incl 3% sag)	Km	1.38	30000.00	41,400.00
15	Cement Cocncreting of stay Anchor plate C.C 1:3:6 size by using 4 cm size hard granite metal=0.45x0.45x1.5 Mtr.=0.3037cum.	No.	9	1219.39	10,974.51

16	11 mtr long 150x150 mm RS Joist Pole @34.6 Kg/mtr-6 NOS	Kg	2283.6	65.00	148,434.00
17	Base plate	No.	6	320.81	1,924.86
18	Earthing coil	No.	6	166.00	996.00
19	Cocncreting of cut point	No.	6	1219.39	7,316.34
20	Sundries (Paint,Danger Board,Aluminium binding tape,insulating tape,Anticlimbing device,clamp connector,jumpering materials,socket & other cable accessories, etc)	LS	1	500.00	500.00
	Total				256,626.51
SCOPE-C	Construction of 3 Ph 5 W LT Line with 3x50+1x35+1x16 sq.mm AB Cable over 8 Mtr. Long 125x70 mm RS Joist pole				
1	8 Mtr.long 200 KG PSC pole	No	20	2000.00	40,000.00
2	Base plate for support	No.	20	280.00	5,600.00
3	Earthing coil	No.	20	166.00	3,320.00
4	Pole clamp with I hook	Pair	20	200.00	4,000.00
5	Dead End clamp I hook	No	6	65.00	390.00
6	Suspension clamp with I hook	No	14	340.00	4,760.00
7	LT stay set complete	Set	8	520.00	4,160.00
8	LT stay set Insulator	No.	8	30.00	240.00
9	LT stay clamp	Pair	8	110.00	880.00
10	7/12 SWG GI stay wire	Kg.	40	75.00	3,000.00
11	MS Nut,Bolt & Washers	Kg	10	71.00	710.00
12	AB Cable (3x50+1x35+1x16 mm ²)	Mtr.	0.6	140000.00	84,000.00
13	Cement Cocncreting of stay Anchor plate C.C 1:3:6 size by using 4 cm size hard granite metal=0.45x0.45x1.5 Mtr.=0.3037cum.	No.	8	1270.00	10,160.00
14	Sundries (Aluminium binding tape,insulating tape,Anticlimbing device,paint, etc)	LS	1	1000.00	1,000.00
	Total				162,220.00
A	TOTAL MATERIAL COST(A+B+C)				627,378.39
B	Stock, Storage & Insurance @ 3% of A				18,821.35
C	Sub Total (C=A+B)				646,199.74
D	T&P @ 2% of C				12,923.99
E	Contingency @ 3% of C				19,385.99
F	Transportation @ 7.5% of C				48,464.98

G	Erection Charges for PSC Pole @ 20%			41200.00	8,240.00
H	Erection Charges of DTR and Joist Poles @ 5%			288311.42	14,415.57
I	Erection Charges of other @ 10%			316688.32	31,668.83
	Boundary wall with gate arrangement for sub station			50000.00	50,000.00
	Total Estimated Cost				831,299.11
	Total Estimated Cost in Figures				831,299.00
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 @12%.

Signature of Tenderer with seal

**Sd/-
Asst. Project Manager[Elect.]**

**Sd/-
APM Elect. (Hqr.)**

**Sd/-
Joint Manager(Elect.)**