

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 :- 03 AS PER IFB

NAME OF THE WORK :- SHIFTING OF 33 KV LINE FROM CONSTRUCTION SITE OF AMA BUS STAND (ABS) AT KUARMUNDA IN THE DISTRICT OF SUNDERGARH.

BID REF NO.- 03/PM/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. 2023-24	AMOUNT IN RS.
1	13 MTR. Long 150X150 mm RS Joist Pole(34.6 Kg/Mtr.)for 4 Nos. Four Pole Structure-16 Nos. and 33 KV Line-7 Nos.)	No	23	38008.10	874186.30
A	TOTAL MATERIAL COST IN RS				874186.30
B	Stock,storage and insurance (@3% on A)				26225.59
C	TOTAL RS.				900411.89
D	T&P @ 2% of C				18008.24
E	Contingency @ 3% of C				27012.36
F	Transportation @ 7.5% of C				67530.89
G	Erection charges of Joist Pole @ 5%				45020.59
H	Erection charges of PSc Pole@ 20%				
I	Erection charges for other materials@ 10%				
	Total Rs.Part-A				1057983.97
	33 KV INTERMEDIATE 13 MTR. LONG 150X150 MM RS JOIST POLE-7 NOS.				
1	33 KV V cross Arm	No	7	2054.00	14,378.00
2	Back Clamp for V cross Arm	No	7	195.00	1,365.00
3	33 KV Pin Insulator Polymer	No	21	624.00	13,104.00
4	33 KV F Clamp	No	7	390.00	2,730.00
5	GI Nuts and Bolts and washer	Kg	14	101.40	1419.60
6	Coil Earthing	No	7	215.80	1510.60
7	Concreting of support CC-1:4:8 using 40 mm BHG metal size 5'2"x2'=20 CFT=0.570 Cum,Padding 900x600x150 mm =0.081	Nos.	7	2598.90	18192.30
8	Couping of support section 15"x15"(3.9 CFT)height 2'-6"(1'-6" above GL & 1'-0" below GL) in CC 1:2:4 using 12 mm BHG metal & curing for 5 days.	Nos.	7	665.42	4657.94
9	Red Oxide Paint	Ltr	7	195.00	1365.00
10	Alluminium Paint	Ltr	7	260.00	1820.00
11	Black Paint	Ltr	2.1	285.34	599.21
	TOTAL Rs.				61141.65

	33 KV OVERHEAD CONDUCTOR-0.35 KM				
1	148 sq. mm AAAC	Km	1.1025	106600.00	117526.50
	FOUR POLE STRUCTURE (33 KV) WITH 1250 AMP ISOLATOR -2 NOS. ON RS JOIST POLE EXCLUDING COST OF SUPPORT POLE.				
1	Top Channel 100x50x6 mm,4.5 Mtr. Long ,8 Nos.(9.2 Kg/Mtr.)	Kg	662.4	84.50	55972.80
2	Bracing Channel 75x40x6 mm -8x4 Mtr. Long (6.8 Kg/Mtr.)	Kg	435.2	84.50	36774.40
3	Bracing Angle 50x50x6 mm -8x4.5mtr.(4.5 Kg/Mtr.)	Kg	324	84.50	27378.00
4	33 KV Disc Insulator B & S type(120 KN) Polymer	No.	24	1767.12	42410.88
5	33 KV Single Tension HW Fittings B&S type 232 sq. mm conductor Polymer	Set	24	2184.00	52416.00
6	33 KV Pin Insulator Polymer	No.	12	623.56	7482.72
7	232 sq. mm Conductor	km	0.05	203450.00	10172.50
8	Earthing of support Coil Type	No	8	215.80	1726.40
9	Clamp for Bracing Channel	Kg	24	84.50	2028.00
10	GI Nut ,Bolt & Washer of different sizes	K.g	100	101.40	10140.00
11	Isolator switch mounting Channel 75x40x6 mm Channel 2x4.5 Mtr. Long(6.8 Kg/Mtr.)	Kg	122.4	84.50	10342.80
12	Angle for cantilever arrangement for Isolator 50x50x6 mm ,1.5 Mtr. Long ,2 Nos.(4.5 Kg/Mtr.)	Kg	27	84.50	2281.50
13	75x40x6 mm channel 1.5 Mtr. Long ,1 No.(6.8 Kg/Mtr.)for supporting of Isolator Handel	Kg	20.4	84.50	1723.80
14	33 KV 1250 Amp Double break(Turn and twist Centre Rotating)isolator with earth switch with PI(polymer)	Set	2	131157.00	262314.00
15	Earth swich in 33 KV Isolator	Set	2	12493.00	24986.00
16	Post insulator for isolators polymer(33 KV)	Set	2	14989.00	29978.00
17	40 mm Nominal bore GI Pipe Medium gauge earthing device 3 mtrs long	No	2	1365.00	2730.00
18	Material for masonry work for earth pit	Nos	2	440.68	881.36
19	Charcoal ,salt etc. for earthing	Nos	2	495.76	991.52
20	Couping of support section 15"x15"(3.9 CFT)height 2'-6"(1'-6" above GL & 1'-0" below GL) in CC 1:2:4 using 12 mm BHG metal & curing for 5 days.	Nos.	8	665.42	5323.36
21	Red Oxide Paint	Ltr	8	195.00	1560.00
22	Alluminium Paint	Ltr	8	260.00	2080.00
23	Black Paint	Ltr	2.4	259.00	621.60
24	Sundries (Danger Board, ,Paint,Anticlimbing device, etc.)	LS	2	1652.54	3305.08
					595620.72
	FOUR POLE STRUCTURE (33 KV) -2 NOS. ON RS JOIST POLE EXCLUDING COST OF SUPPORT POLE.				
1	Top Channel 100x50x6 mm,4.5 Mtr. Long ,8 Nos.(9.2 Kg/Mtr.)	Kg	331.2	84.50	27986.40
2	Bracing Channel 75x40x6 mm -8x4 Mtr. Long (6.8 Kg/Mtr.)	Kg	217.6	84.50	18387.20

3	Bracing Angle 50x50x6 mm -8x4.5mtr.(4.5 Kg/Mtr.)	Kg	162	84.50	13689.00
4	33 KV Disc Insulator B & S type(120 KN) Polymer	No.	12	1767.12	21205.44
5	33 KV Single Tension HW Fittings B&S type 232 sq. mm conductor Polymer	Set	12	2184.00	26208.00
6	33 KV Pin Insulator Polymer	No.	6	623.56	3741.36
7	232 sq. mm Conductor	km	0.025	203450.00	5086.25
8	Earthing of support Coil Type	No	4	215.80	863.20
9	Clamp for Bracing Channel	Kg	12	84.50	1014.00
10	GI Nut ,Bolt & Washer of different sizes	K.g	50	101.40	5070.00
11	Couping of support section 15"x15"(3.9 CFT)height 2'-6"(1'-6" above GL & 1'-0" below GL) in CC 1:2:4 using 12 mm BHG metal & curing for 5 days.	Nos.	4	665.42	2661.68
12	Red Oxide Paint	Ltr	4	195.00	780.00
13	Alluminium Paint	Ltr	4	260.00	1040.00
14	Black Paint	Ltr	1.2	259.00	310.80
15	Sundries (Danger Board, ,Paint,Anticlimbing device, etc.)	LS	1	1652.54	1652.54
					129695.87
A	TOTAL MATERIAL COST IN RS				903984.74
B	Stock,storage and insurance (@3% on A)				27119.54
C	TOTAL RS.				931104.29
D	T&P @ 2% of C				18622.09
E	Contigency @ 3% of C				27933.13
F	Transportation @ 7.5% of C				69832.82
G	Erection charges of Joist Pole and Transformer @ 5% of				
H	Erection charges of PSc Pole@ 20%				
I	Erection charges for other materials@ 10%				93110.43
	Total Rs.Part-B				1140602.75
1	Dismantle of 33 KV Line	Km	0.35	23497.50	8224.13
	Total Rs.				22,06,810.85
	Cess @1%				22,068.11
	Total Estimated Cost				22,28,878.95
	Total Estimated Cost in Figures				22,28,879.00
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 .

Sd/-
Asst. Project Manager (Elect)

Sd/-
DM (Elect) I/C

Sd/-
Project Manager (Elect)