

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 :- 06 AS PER IFB

NAME OF THE WORK :- SHIFTING AND RECONSTRUCTION OF 11 K.V LINE AT AMA BUS STAND, DOBAL (C-TYPE) ,DHAMNAGAR IN THE DISTRICT OF BHADRAK.

BID REF NO :- 106/PM/ELECT/OPHWC/2023-24

NAME & ADDRESS OF THE FIRM	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS. 2018-19	AMOUNT IN RS.
SCOPE [A]	Construction of 3 ph 3 wire 11 KV line - 0.4 Km.				
SCOPE [B]	Conversion of 11 KV Line from 55 sq. mm to 100 sq. mm XLPE insulated AAAC -0.1 Km				
SCOPE [C]	11 Mtr RS Joist pole-11 Nos.				
SCOPE [D]	Guarding for road crossing-3 Nos.				
SCOPE [E]	Shifting of 63 KVA S/S and Dismantling of 11 KV Line-0.15 Km				
1	11 mtr RS Joist pole(150x150)mm(34.6 Kg/Mtr.)	No.	13	24739.00	321607.00
2	11 K.V. V cross arm	No.	7	810.00	5670.00
3	11 KV F clamp	No.	7	240.00	1680.00
4	Back clamp for V cross arm	No.	7	80.00	560.00
5	11 KV Pin Insulator porcelain(Polymer)	No.	25	200.00	5000.00
6	11 KV T&C Hardware fitting (45 KN)	set	18	130.00	2340.00
7	Disc insulator(T&C)45 KN,polymer	No	18	860.00	15480.00
8	Pressure Channel 100x50x6mm MS channel each 2.8 mtr long 2 Nos. (9.2 K.g per mtr)	Kg	202	65.00	13130
9	Transformer mounting Channel 100x50x6mm MS channel each 2.8 mtr long 2 Nos. (9.2 K.g per mtr)	Kg	52	65.00	3380
10	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76	65.00	4940.00
11	Transformer belting Angle 50x50x6mm-2.8 mtr long 2 nos(4.5Kg per mtr)with side angle(Total 7 mtr)	Kg	32	65.00	2080.00

12	Angel for mounting LT distribution Box - 50x50x6 mm -2.5.0 mtrs each Long 2 Nos. (4.5 Kg per mtr)	Kg	23	65.00	1495.00
13	11 KV 3 pole 200 A AB switch	Set	1	7350.00	7350.00
14	11 KV 3 pole 200 A HG Fuse with PI	Set	1	6120.00	6120.00
15	Lightning arrester ,12 KV- 10KA	No	3	3550.00	10650.00
16	HT stay set complete	Set	8	1050.00	8400
17	HT Stay clamp	Pair	8	125.00	1000
18	HT Stay Insulator	No.	8	50.00	400
19	7/10 SWG Stay wire	Kg	80	75.00	6000
20	40 mm Nominal bore GI Pipe (medium gauge)earthing device(3 Mtr. Long)	No	5	1050.00	5250.00
21	25x5 mm GI flat for earthing	Kg	120	75.00	9000.00
22	11 KV 1 core, 100 sq. mm XLPE insulated conductor(Unarmoured)	Km	1.55	90000.00	139500
23	PG Clamp for 100 sq. mm AAA conductor	No	6	579.66	3477.96
24	Earthing of support coil type	No	11	166.00	1826.00
25	Anticlimbing device made of GI barbed wire with clamping arrangement(2 Kg. per support)	Kg	22	80.00	1760.00
26	Red Paint	Ltr	25	150.00	3750.00
27	All. Paint	Ltr	26	200.00	5200
28	Black Paint	Ltr	6.5	220.00	1430
29	LT distribution Box with MCCB,Aluminium Bus bar with kit-kat fuse for 63 KVA Transformer	No.	1	18322.00	18322.00
30	120 sq. mm 3.5 core PVC Cable	Mtr.	15	417.80	6267
31	All. Cable socket	No	22	32.00	704
32	GI nut,bolt & washer	Kg	61	78.00	4758.00
33	Guarding for road crossing	No.	3	17550.00	52650
34	Earthing materials	Ls	5	1890.00	9450
35	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	Ls	2	3000.00	6000.00
36	TOTAL MATERIAL COST				686626.96
37	Escalation @6%for 2019-20				727824.58
38	Escalation @6%for 2020-21				771494.05
39	Escalation @6%for 2021-22				817783.70
40	Escalation @6%for 2022-23				866850.72
A	Escalation @6%for 2023-24				918861.76
B	Stock, Storage & Insurance @ 3% of A				27565.85
C	Sub Total (C=A+B)				946427.61
D	Contingency @3% of C				28392.83
E	T & P 2% of C				18928.55
F	Transportation @ 7.5% of C				70982.07
G	Erection Charges for PSC Pole @ 20%				

H	Erection Charges of DTR and Joist Poles @ 5%				22164.71
I	Erection Charges of other @ 10%				50313.34
J	Sub Total				1137209.11
K	Transportation + Labour cost of Dismatled materials(detail as per estimate)				1,248.00
L	Total Rs.				11,38,457.11
M	Salvage value of Dismantled material				1,331.04
N	Total cost after deducting salvage value				11,37,126.07
41	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	6	984.00	5904.00
42	Material cost for Concreting of Joist Pole 1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.45 cum(PCC 1:2:4)	No	11	2407.00	26477.00
	Sub Total Rs.				11,69,507.07
	<u>Cess@1%</u>				11,695.07
	Total Estimated Cost				11,81,202.15
	Total Estimated Cost in Figures				11,81,202.00
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/-
Project Manager(Elect.)