

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 1-E+6-F TYPE QUARTERS AT BAHANAGA FIRE STATION IN THE DISTRICT OF BALASORE.

BID REF NO :- 91/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]	Upgradation of S/S from 25 KVA to 63 KVA (BIS energy Level-II) sub station -1 No.				
SCOPE [B]	Construction of 3 400 Amp Line DP with AB switch-1 No.				
SCOPE [C]	Interposing Pole-4 Nos.				
1	9 mtr Long 300 Kg PSC Pole	No.	6	3000.00	18000.00
2	11 K.V. V cross arm	No.	4	810.00	3240.00
3	11 KV F clamp	No.	4	240.00	960.00
4	Back clamp for V cross arm	No.	4	80.00	320.00
5	11 KV Pin Insulator polymer	No.	15	200.00	3000.00
6	11 KV T&C Hardware (45KN)	set	6	130.00	780.00
7	Disc insulator(T&C)45 KN Polymer	No	6	860.00	5160.00
8	100X50X6mm MS Channel	Kg	60	65.00	3900.00
9	75x40x6mm MS Channel	Kg	40	65.00	2600.00
10	50x50x6 mm MS Angle	Kg	20	65.00	1300.00
11	18 mm GI HT stay	Set	2	1050.00	2100.00
12	7/10 SWG Stay wire	Kg	20	75.00	1500.00
13	HT Stay Insulator	No.	2	50.00	100.00
14	HT stay clamp	Pair	2	125.00	250.00
15	40 mm Pipe earthing device	No	3	1050.00	3150.00
16	No.6/8 GI wire(Dia 4.6 mm)	Kg	20	75.00	1500.00
17	Earthing Device material	No	6	166.00	996.00
18	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	12	80.00	960.00
19	GI nut,bolt & washer	Kg	50	78.00	3900.00

20	55 sq. mm AAAC	Km	0.040	30000.00	1200.00
21	11 KV 3 pole 200 A AB switch	Set	1	11850.00	11850.00
22	Lightning arrester ,12 KV- 10KA	No	3	3550.00	10650.00
23	LT distribution Box with MCCB,Aluminium Bus bar of singe-bay with kit-kat fuse for 63 KVA Transformer	No.	1	18122.00	18122.00
24	63 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	86500.00	86500.00
25	3.5 core 185 sq. mm LT PVC cable(unarmoured)	Mtr	15	635.00	9525.00
26	All. Cable lug of different size	No	30	22.00	660.00
27	Red Paint	Ltr	8	150.00	1200.00
28	All. Paint	Ltr	6	200.00	1200.00
29	Black Paint	Ltr	1	220.00	220.00
30	Danger Board	No	5	150.00	750.00
31	Material for masonry work for earthpit, charcoal, salt etc. including construction of earth chamber(size 2"x2") and RCC slab Cover	Ls	3	1994.00	5982.00
32	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	2000.00	2000.00
33	TOTAL MATERIAL COST				203575.00
34	Escalation @6%for 2019-20				215789.50
35	Escalation @6%for 2020-21				228736.87
36	Escalation @6%for 2021-22				242461.08
37	Escalation @6%for 2022-23				257008.75
A	Escalation @6%for 2023-24				272429.27
B	Stock, Storage & Insurance @ 3% of A				8172.88
C	Sub Total (C=A+B)				280602.15
D	Contingency @3% of C				8418.06
E	T & P 2% of C				5612.04
F	Transportation @ 7.5% of C				21045.16
G	Erection Charges for PSC Pole @ 20%				4962.14
H	Erection Charges of DTR and Joist Poles @ 5%				5961.46
I	Erection Charges of other @ 10%				13656.22
J	Sub Total				340257.24
K	Transportation + Labour cost of Dismatled materials(as per Estimate)				1,733.61
L	Total Rs.				341,990.85

38	Material cost for Concreting of psc Pole1.8 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	6	2369.00	14214.00
39	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	2	965.00	1930.00
	Total Rs.				16144.00
	Total Estimated Cost				358,134.85
	Total Estimated Cost in Figures				358,135.00
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.)**