

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 :- SHIFTING OF 100 KVA D.P STRUCTURE WITHOUT TRANSFORMER FROM THE PREMISES OF S.P OFFICE, BOUDH IN THE DISTRICT OF BOUDH.

BID REF NO.- 86/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. 2023-24	AMOUNT IN RS.
PART-I	3 phase 3W 11 KV line with 50 sq. mm AAA Insulated cable-0.1 Km				
1	9 Mtr Long 300 KG PSC Pole	No	3	3900.00	11700.00
2	GI Base plate for support (500x500x10)mm for support,20 Kg each	No	3	1950.00	5850.00
3	Earthing support coil type	No	3	215.80	647.40
4	100x50x6 mm channel for straight cross arm,0.6 Mtr.,9.2 Kg/Mtr.(2 Nos.)with galvanisation	Kg	103.04	97.50	10046.40
5	Disc insulator 45 KN (B&S) Polymer	No.	9	1118.00	10062.00
6	11 KV HW fitting (B&S)2 bolted	No	9	338.00	3042.00
7	PG clamp for 55 sq. mm AAAC	No	9	624.00	5616.00
8	11 KV 'V' cross arm(10.2 Kg each)	No.	2	1053.00	2106.00
9	Back clamp for 11 KV V Cross Arm	No.	2	104.00	208.00
10	11 KV Top F clamp for PSC Pole ,2.9 Kg	No.	2	312.00	624.00
11	Galvanisation of all Ms and RS materials	Kg	26.2	13.00	340.60
12	11KV Pin Insulator polymer	No.	12	260.00	3120.00
13	HT stay set complete	No.	4	1365.00	5460.00
14	11KV stay insulator	No.	4	65.00	260.00
15	HT stay clamp (1.9 Kg/Pair)	pair	4	162.50	650.00
16	7/10 SWG stay wire, Grade-2	Kg	40	97.50	3900.00
17	1Cx50 sq. mm 11 Kv insulated XLPE cable(armoured)A2FXV	Mtr.	315	228.80	72072.00
18	Heat shrinkable jointing kit for 1Cx50 sq. mm 11 KV XLPE cable (outdoor)type	No.	6	3694.60	22167.60
19	Heat shrinkable jointing kit for 1Cx50 sq. mm 11 KV XLPE cable (straight)type	No.	3	7904.00	23712.00
20	GI pipe earthing 40 mm dia medium gauge(3.25 mm thickness)3 Mtr. Long(For XLPE cable MU)	No	3	1365.00	4095.00
21	25x4 mm GI flat(for LA)	Kg	30	97.50	2925.00

22	LA (9 Kv,10 KA) at XLPE cable tapping point and cutpoint	No	3	1000.00	3000.00
23	MS Nuts and Bolts of assorted size	Kg	5	92.30	461.50
24	Danger Board	No	3	104.00	312.00
25	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	9	104.00	936.00
26	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	500.00	500.00
					193813.50
PART-II	Installation of 100 KVA 11/0.4KV sub station - 2 No.				
1	9 Mtr Long 300 KG PSC Pole	No	2	3900.00	7800.00
2	Earthing support coil type	No	2	215.80	431.60
3	GI Base plate for support (500x500x10)mm for support,20 Kg each	No	2	1950.00	3900.00
4	Top Pressure Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	97.50	5023.20
5	GI channel for transformer mounting 100x50x6 mm-2.8 Mtr. Long,2 Nos.(9.2 Kg/mtr)	K.g	51.52	97.50	5023.20
6	AB switch &HG fuse mounting channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	97.50	7425.60
7	Cantilever Channel for supporting AB switch Arm 75x40x6mm. 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	97.50	1326.00
8	Cantilever angle for supporting HG fuse 50x50x6mm 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	97.50	877.50
9	Transformer belting GI Angel 50x50x6 mm -2.8 Mtr. Long 2 Nos. (@ 4.5 Kg/Mtr.)with side angle(total 7 Mtr.)	Kg.	31.5	97.50	3071.25
10	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	K.g	9	97.50	877.50
11	Disc insulator 45 KN (B&S) Polymer	No.	3	1118.00	3354.00
12	11 KV HW fitting (B&S)2 bolted	No	3	338.00	1014.00
13	11KV AB switch(3 pole,200 Amp,50Hz)	Set	1	9555.00	9555.00
14	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	7956.00	7956.00
15	9KV 10KA LA, Station class	No.	3	1274.00	3822.00
16	HT stay set (Complete)	No.	2	1365.00	2730.00
17	stay Insulator, Type-C	No.	2	65.00	130.00
18	Stay clamp	pair	2	162.50	325.00
19	7/10 SWG GI Saty wire, grade-2	Kg	20	97.50	1950.00
20	40 mm nominal bore GI pipe (medium gauge)earthing device with 3 Mtr. Long	No	7	1365.00	9555.00
21	25x6 mm GI flat(Neutral)	Kg	10	97.50	975.00
22	25x4 mm GI flat(for LA)	Kg	30	97.50	2925.00
23	55 sq. mm AAAC for jumpering	Km	0.05	39000.00	1950.00

24	PG clamp for 55 sq. mm AAAC	No	15	624.00	9360.00
25	GI Nuts and Bolts of assorted size	Kg	25	101.40	2535.00
26	LT Distribution Box with MCCB, Aluminium Bus Bar for single bay with Kitkat fuse for 100 KVA S/S .	No	1	31744.70	31744.70
27	3.5 core 150 sq. mm LT PVC cable(un armoured)	Mtr.	15	655.20	9828.00
28	Danger Board	No	2	104.00	208.00
29	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	104.00	624.00
30	Sundries (Al. binding tape, insulation tape, Binding tape, Allm. Cable socket etc.)	LS	1	1000.00	1000.00
					137296.55
	A.Sub Total Rs.				331,110.05
	B.Deduction of Salvage Value @8 %				26,488.80
	C. Total Material cost after deducting Salvage Value @8%				304,621.25
	D. Stock, Storage & Insurance @ 3% of C				9,138.64
	E. Sub Total (E=C+D)				313,759.88
	T&P @ 2% of E				6,275.20
	Contingency @ 3% of E				9,412.80
	Transportation @ 7.5% of E				23,531.99
	Erection Charges @ 5% for Joist /WPB Pole cost including stock, storage & insurance @3%				
	Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%				3,695.64
	Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%				29,528.17
					386203.68
31	Cement Concrete for stud & stay anchor plate CC 1:3:6 by using 4 cm size Hard granite metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3 cum	Nos.	2	1270.00	2540.00
32	Cement Concreting for support with C.C. 1:3:6 by using 4 cm size Hard granite metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum+Couping with C.C .1:3:6 using 12 mm size HBG metal= 0.3Mtrx 0.3Mtrx0.45 mtr= 0.0405 cum	Nos.	3	1270.00	3810.00
33	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	5	1600.00	8000.00
34	Barbed fencing ,Erection of RCC Fencing post, Sand filling and Metal spreading,Fixing of iron grill gate etc. as per TPSODL Specification.	No	1.00	16,796.42	16796.42
35	Dismantling charges of DP structure of S/S	No	1.00	3,500.00	3500.00
				Total Rs.	34,646.42
	Total Rs.				420,850.10
	Total Estimated Cost				420,850.10

	Total Estimated Cost in Figures				420,850.00
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.)**