

TENDER INVITING AUTHORITY: JOINT MANAGER (ELECTRICAL DIVISION), THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD, BHUBANESWAR

NAME OF THE WORK :-EXECUTION OF ADDITIONAL EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO B-TYPE QTRS. OF DIST. JUDGE, KENDRAPADA IN THE DIST. OF KENDRAPADA.

BID REF NO.- 01/JM/ELECT/OPHWC/2020-21

Bidder Name	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
SCOPE-A	Construction of 3 ph 3 wire 11 KV line -0.150 KM				
1	100x116 mm RS Joist pole 11 Mtr. Long	No	2	16445.00	32890.00
2	100x116 mm RS Joist pole 10 Mtr. Long	No	7	14950.00	104650.00
3	2 ph 3 W X Arm 4.82 kg /each	No	7	360.00	2520.00
4	X Arm back clamp 0.85 kg each	No	7	80.00	560.00
5	LT shackle insulator	No	14	30.00	420.00
6	GI strap and bolt	Pair	14	80.00	1120.00
7	HT Stay Set complete	Set	2	1050.00	2100.00
8	HT stay insulator	No.	2	50.00	100.00
9	Fixing of stay set with 0.5Cum cement concret foundation 1:3:6 size(900mmx600mmx900mm) using 40mm BHG metal with all labour and material except stay set, stay wire, stay insulator.	No.	2	2315.15	4630.30
10	Stay Clamp	Pair	2	125.00	250.00
11	7/10 SWG GI Stay Wire	Kg	20	75.00	1500.00
12	Earthing of support coil type	No	7	166.00	1162.00
13	11 KV 3x50 sq. mm XLPE Aerial bunched cable	Km	0.5665	394000.00	223201.00
14	Supply of cable jointing kit for 50 sq. mm 11 KV XLPE cable(end termination)(out door type)	set	4	10949.00	43796.00
15	11KV L.A-12KV-10KA station class	No.	3	3550.00	10650.00
16	40mm nominal bore GI Pipe medium gauge earthing device 3mtr long	No	2	1050.00	2100.00
17	40x6 mm GI flat for earthing	Kg	40	75.00	3000.00
18	Materials for massonary work for eathpit, charcoal,salt etc including construction of earthing chamber(size : 2"x2") & RCC slab cover	No	2	2270.27	4540.54

19	Concreting of support CC 1:4:8 using 40 mm BHG metal size- 5'x2'x2'=20CFT=.570Cum Padding 900x600x150 mm =0.081 0.651 cum @ 3071.25 =1999.38 each	No	7			2639.19	18474.33
20	Couping of support section 15"x15" (3.9 Cft) height 2'-6' (1'-6' above G.L & 1'-0' below G.L) in C.C 1:2:4 using 12mm BHG metal & curring for 5 days.	No	7			676.37	4734.59
21	GI barbed wire anti climbing device 2 kg per support	Kg	14			80.00	1120.00
22	Red Oxide Paint	Ltr	9			150	1350.00
23	All. Paint	Ltr	9			200.06	1800.54
24	Black paint	Ltr.	2.5			220	550.00
25	GI nut bolt & Washer of Assorted size	Kg	21			78.00	1638.00
26	Sundries for survey, PVC tape , ampire tape, danger board ,small size nut & bolt preparation of drawing cable Socket etc.	LS	1			4053.18	4053.18
SCOPE-B	Installation of 25KVA(Star Rated) 11/0.4KV DP mounted sub station using 10 mtr. Long 116x100 mm RS Joist - 1 No.						
1	11 mtr. Long 116x100 mm RS Joist	No.	2			14950.00	29900.00
2	Pressure Channel 100x50x6mm MS channel each 2.8 mtr long(9.2K.g/mtr)x 2 Nos.	K.g	51.52			99.00	5100.48
3	Transfor mounting channel 100x50x6 mm GI channel each 2.8 Mtr. Long (9.2 Kg per Mtr.)x2 Nos..	K.g	51.52			99.00	5100.48
4	AB switch &HG fuse mounting channel(75x40x6)mm,GI channel each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16			99.00	7539.84
5	Cantilever channel for supporting AB Switch Arm ,75x40x6mm MS Angle 1 mtr long 2nos (6.8Kg/mtr)	K.g	13.6			99.00	1346.40
6	Cantilever channel for supporting HG fuse ,50x50x6mm MS Angle (1 mtr long 2nos)(4.5Kg/mtr)	No.	9			99.00	891.00
7	Angle for cantilever arrangement for AB Switch & HG fuse 50x50x6 mm - 2mtr each 2nos (4.5 Kg per mtr)	Kg	18			99.00	1782.00

8	Transfor belting angel 50x50x6 mm 2.8 Mtr. Long 2 Nos. (4.5 Kg/Mtr.) with side angel (total 7 Mtr.)GI channel each 2.8 Mtr. Long (9.2 Kg per Mtr.)x2 Nos.	K.g	31.5	99.00	3118.50
9	Angle for mounting LT distribution Box 50x50x6 mm MS angel-2.5mtr each long 2nos (4.5 KGg per mtr)	Kg	22.5	99.00	2227.50
10	11 KV AB switch 3 pole(400A)	set	1	11850.00	11850.00
11	11KV HG fuse 3pole (400A)	No	1	11530.00	11530.00
12	11KV L.A-12KV-10KA	No.	3	3550.00	10650.00
13	HT saty set complete	No.	2	1050.00	2100.00
14	HT Stay Insulator	No.	2	50.00	100.00
15	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	125.00	250.00
16	7/10 SWG Stay Wire	KG	20	75.00	1500.00
17	40mm nominal bore GI Pipe medium gauge earthing device 3mtr long	No	5	1050.00	5250.00
18	No. 6 GI wire	Kg	20	75.00	1500.00
19	40x6 mm GI Flat for netural	Kg	20	75.00	1500.00
20	Fixing of stay set with 0.5 cum cement concret foundation 1:3:6 size (900x 900x600 mm) using 40 mm BHG metal with all labour and material except stay wire, stay set,stay insulator.	No	2	2315.15	4630.30
21	Concreting of support CC 1:4:8 using 40 mm BHG metal size- 5'x2'x2'=20CFT=.570Cum Padding 900x600x150 mm =0.081 0.651 cum @ 3071.25 =1999.38 each	No	2	2639.19	5278.38
22	Couping of support section 15"x15" (3.9 Cft) height 2'-6' (1'-6' above G.L & 1'-0' below G.L) in C.C 1:2:4 using 12mm BHG metal & curring for 5 days.	No	2	676.37	1352.74
23	Materials for massonary work for eathpit, charcoal,salt etc including construction of earthing chamber(size : 2"x2") & RCC slab cover	No	5	2270.27	11351.35
24	55 sq. mm AAA conductor	Km	0.04	30000.00	1200.00
25	GI nut bolt & Washer	Kg	36	78.00	2808.00
26	25 KVA 11/4 KV TFR AL.BIS Energy Level-II	No	1	53800.00	53800.00
27	LT Distrubution Box including kitkat fuse with MCCB for 25 kVA S/S	No	1	14930.00	14930.00
28	3 1/2 C x35 mm2 PVC cable for 63 KVA Tfr.	Mtr	15	152.00	2280.00

29	Barbed Fencing (size 15'x10') with Construction of retaining wall ,erection of RCC fencing post ,sand filling, metal spreading &Iron grill gate.	LS	1	41580.00	41580.00
30	Sundries for survey, PVC tape , ampire tape, danger board ,small size nut & bolt preparation of drawing cable Socket etc.	LS	1	4092.00	4092.00
A	TOTAL MATERIAL COST(FOR-2018-19)				719449.45
B	Stock, Storage & Insurance @ 3% of A				21583.48
C	SUB TOTAL				741032.93
D	Contingency @3% of C				22230.99
E	T & P 2% of C				14820.66
F	Transportation @ 7.5% of C				55577.47
G	Erection Charges for joist Pole and TFr. @ 5%				11393.86
H	Erection Charges of psc pole @ 20%				0.00
I	Erection Charges of other @ 10%				51315.57
J	Sub Total				896371.48
K	Total Estimated Cost in Figures				896371.00
EXCESS <input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)		_____ %			
Quoted Amount in Figure					
Quoted Amount in words					

N:B- The Estimated cost is exclusive of GST.

Signature of Tenderer with seal

Sd/-
Asst. Project Manager[Elect.]

Sd/-
APM Elect. (Hqr.)

Sd/-
Consultant(Elect.)

Sd/-
Joint Manager(Elect.)