

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.

JANAPATH, BHOINAGAR, BHUBANESWAR - 22

[Electrical Division]

Ph: 0674-2541545, 2542921, Fax: 0674-2541543

E-mail: jmelectricalophwc@gmail.com, Website: www.ophwc.nic.in

PRICE BID FOR THE WORK UNDER SL. NO :- 02 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO BIDANASI POLICE STATION IN THE DIST. OF CUTTACK.

BID REF NO :- 07/PM/ELECT/OPHWC/2021-22

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.	AMOUNT IN RS.
PART-A	List of Materials with cost for Construction of 3 ph 3 wire 11 KV line using 80 sq. mm AAA Conductor & provision of Double Disc insulator at tension point-0.03 Km(1 SPAN)				
1	100x50x6mm MS channel	Kg.	60	65.00	3900.00
2	HT Stay Set (Complete)	Set	1	1050.00	1050.00
3	HT Stay Insulator	No.	1	40.00	40.00
4	HT Stay Clamp(1.95 K.g/Pair)	Pair	1	125.00	125.00
5	7/10 SWG Stay Wire	KG	10	75.00	750.00
6	Fixing of stay set with 0.5 cum cement concret foundation 1:3:6 size (900x 600x600 mm)mm using 40 mm BHG metal with all labour and material except stay wire, stay set,stay insulator.	No	1	2455.46	2455.46
7	Concreting of support & styd C.C 1:4:8 with 40 mm BHG metal size- 7'x2'x2'=28CFT=.8Cum Padding 900x600x150 mm =0.081Cum	No	1	2799.13	2799.13
8	11 kv GI pin	Set	3	80.00	240.00
9	11 KV Pin Insulator	Set	3	80.00	240.00
10	11 KV Disc insulator B&S	No.	6	390.00	2340.00
11	11 KV H/W fitting B&S	Set	3	350.00	1050.00
12	80 sq. mm AAA conductor	Km	0.1	43000.00	4300.00
13	Earthing of support(Coil type)	No	1	166.00	166.00
14	Nut,Bolt of different sizes	Kg	5	71.00	355.00
15	Red Oxide Paint	Ltr	2	150.00	300.00
16	Alluminium Paint	Ltr	2	200.00	400.00

17	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	1	717.36	717.36
18	Sundries for survey,Danger Board, Anticlimbing Device,socket ,pvc tape, Ampire tape , Nut & bolt ,Preparation of drawing cable socket etc .	LS	1	1000.00	1000.00
A	TOTAL MATERIAL COST(FOR-2019-20)				22227.95
B	Stock, Storage & Insurance @ 3% of A				666.84
C	Sub Total (C=A+B)				22894.79
D	Contingency @3% of C				686.84
E	T & P 2% of C				457.90
F	Transportation @ 7.5% of C				1717.11
G	Erection Charges for PSC Pole @ 20%				0.00
H	Erection Charges of DTR and Joist Poles @ 5%				0.00
I	Erection Charges of other @ 10%				2289.48
J	Sub Total				28046.12
SCOPE-B	Installation of 63 KVA, 11/0.4 KV S/S-1 No.				
1	100x50x6mm MS channel	K.g	104	65.00	6760.00
2	75x40x6mm MS channel	K.g	90	65.00	5850.00
3	50x50x6mm MS Angle	K.g	81	65.00	5265.00
4	11 KV AB switch 3 pole(200A)	set	1	7350.00	7350.00
5	11KV HG fuse 3pole (400A)	No	1	11530.00	11530.00
6	11KV L.A-12KV-10KA	No.	3	3550.00	10650.00
7	HT Stay Set (Complete)	Set	2	1050.00	2100.00
7	HT Stay Set Insulator	No	2	40.00	80.00
8	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	125.00	250.00
9	7/10 SWG Stay Wire	KG	20	75.00	1500.00
10	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	2455.46	4910.92
11	GI Pipe for earthing 40mm dia medium gauge 3mtr long	No	5	1050.00	5250.00

12	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	2799.13	5598.26
13	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	717.36	1434.72
14	Materials for massonary work for eathpit, charcoal,salt etc including construction of earthing chamber(size : 2"x2") & RCC slab cover	No	5	2407.86	12039.30
15	50X6 mm copper Z clamp for Tfr LT 4 Nos. x0.8 Kg each for connection of LT cable	Kg	3.2	1176.00	3763.20
16	NO-6 GI wire	Kg	20	75.00	1500.00
17	40x6 mm GI Flat for netural	Kg	20	75.00	1500.00
18	55 sq. mm AAA Conductor	Km	0.04	30000.00	1200.00
19	Red Oxide Paint	Ltr	3	150.00	450.00
20	Alluminium Paint	Ltr	4	200.00	800.00
21	Black Paint	Ltr	0.5	220.00	110.00
22	Ms nut bolt & Washer	Kg	36	71.00	2556.00
23	LT Distrubution Box including kitkat fuse with MCCB for 63 kVA S/S .	No	1	18322.00	18322.00
24	3 1/2 x95mm ² PVC cable	Mtr	15	333.00	4995.00
25	Plinth for TFR	No	1	16800.00	16800.00
26	Boundary wall (size15'x15')with sand filling and metal spreading ,Fixing of Iron grill gate etc.	No	1	44100.00	44100.00
27	Sundries for survey, PVC tape , ampire tape, danger board ,small size nut & bolt preparation of drawing All. Socket etc.	LS	1	3100.00	3100.00
A	TOTAL MATERIAL COST(FOR-2019-20)				179764.40
B	Stock, Storage & Insurance @ 3% of A				5392.93
C	Sub Total (C=A+B)				185157.33
D	Contingency @3% of C				5554.72
E	T & P 2% of C				3703.15
F	Transportation @ 7.5% of C				13886.80
G	Erection Charges for PSC Pole @ 20%				0.00

H	Erection Charges of DTR and Joist Poles @ 5%				0.00
I	Erection Charges of other @ 10%				18515.73
J	Sub Total				226817.73
SCOPE-C					
1	150X150 MM 11 Mtr. Long Rs Joist Pole 1 No. for stud	Kg	380.6	65.00	24739.00
3	150X150 MM 10 Mtr. Long Rs Joist Pole 2 Nos	Kg	692	65.00	44980.00
2	125X75 MM 8 Mtr. Long Rs Joist Pole 5 Nos	Kg	520	65.00	33800.00
4	63 KVA ,11/0.4 KV Transformer BIS Energy Level-II	No	1	86500.00	86500.00
A	TOTAL MATERIAL COST(FOR-2018-19)				190019.00
B	Stock, Storage & Insurance @ 3% of A				5700.57
C	Sub Total (C=A+B)				195719.57
D	Contingency @3% of C				5871.59
E	T & P 2% of C				3914.39
F	Transportation @ 7.5% of C				14678.97
G	Erection Charges for PSC Pole @ 20%				0.00
H	Erection Charges of DTR and Joist Poles @ 5%				9785.98
I	Erection Charges of other @ 10%				0.00
	Sub Total				229970.49
SCOPE-D	Construction of 3 Ph 5 W LT Line with 3x50+1x35+1x16 sq. mm AB cable-0.12 KM.				
3	L.T Stay set (Complete)	Set	1	520.00	520.00
4	7/12 SWG Stay Wire	Kg	10	75.00	750.00
5	L.T Stay Clamp(1.4 K.g/Pair)	Kg	1	110.00	110.00
6	L.T Stay Insulator	No.	1	30.00	30.00
11	Fixing and concreting 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	1	2455.46	2455.46
7	Dead end clamp	No	2	313.92	627.84
	Suspension clamp with I-Hook for ABC	No	4	340.00	1360.00
9	Nuts & Bolts	Kg	10	71.00	710.00
12	Earthing coil each 5 th pole to earth	No	2	166.00	332.00
13	AB Cable(3x50+1x35+1x16) sq. mm	Km	0.12	140000.00	16800.00

19	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	5	717.00	3585.00
14	Sundries(survey,tree cutting,insulated tape etc.)	L/S	1	1000.00	1000.00
A	TOTAL MATERIAL COST(FOR-2019-20)				28280.30
B	Stock, Storage & Insurance @ 3% of A				848.41
C	Sub Total (C=A+B)				29128.71
D	Contingency @3% of C				873.86
E	T & P 2% of C				582.57
F	Transportation @ 7.5% of C				2184.65
G	Erection Charges for PSC Pole @ 20%				0.00
H	Erection Charges of DTR and Joist Poles @ 5%				0.00
I	Erection Charges of other @ 10%				2912.87
J	Sub Total				35682.67
Total Estimated Cost					520,517.01
Or Say					520,517.00
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 @12%.

Signature of Tenderer with seal

Sd/-
Asst. Project Manager (Elect)

Sd/-
Asst. Project Manager (Elect) (Hqr)

Sd/-
Project Manager(Elect)