

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.com /www.ophwc.nic.in

PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB

NAME OF THE WORK :-SHIFTING OF LINE & SS FOR CONSTRUCTION OF AMA BUS STAND AT LAMTAPUT IN THE DIST. OF KORAPUT .

BID REF NO.- 52/DGM/ELECT/OPHWC/2024-25

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					
I	SHIFTING AND RECONSTRUCTION OF 11 KV LINE.				
1	11 Mtr Long 150X150 mm GI Joist Pole (30.6 Kg/Mtr.)	No	2	34333.20	68,666.40
2	Base plate (500x500x10)mm for Joist pole 20 KG	No.	2	2040.00	4,080.00
3	Earthing support coil type GI	No	2	225.76	451.52
4	11 KV V cross Arm	No	2	1101.60	2,203.20
5	GI Back clamp for 11 KV V Cross Arm	No.	2	108.80	217.60
6	Top F clamp for PSC Pole ,2.9 Kg	No.	2	326.40	652.80
7	11KV Pin Insulator polymer	No.	6	272.00	1,632.00
8	Disc insulator 45 KN (T&C) Polymer	No.	9	1169.60	10,526.40
9	11 KV HW fitting (T&C)45 KN	No	9	353.60	3,182.40
10	Straight cross Arm 100x50x6 mm ,9.2 Kg/Mtr.GI Channel each channel length 1.2 Mtr.(12x9.2x1.2)	Kg	68.832	102.00	7,020.86
11	MS Channel for Guarding 75x40x6 mm,1.5 Mtr. Long 4 Nos.@ 6.8 Kg/Mtr.,1 No.	Kg	81.6	102.00	8,323.20
12	HT stay set complete	No.	1	1428.00	1,428.00
13	11KV stay insulator	No.	1	68.00	68.00
14	HT stay clamp (1.9 Kg/Pair)	pair	1	170.00	170.00
15	7/10 SWG stay wire, Grade-2 for stay, support of XLPE cable	Kg	15	102.00	1,530.00
16	GI Nuts and Bolts of assorted size	Kg	9	106.08	954.72
17	55 sq. mm AAAC	Km	0.07725	40800.00	3,151.80
18	No.6 GI wire(Dia 4.8 mm)for 11 KV line Guarding @40 Kg	Kg	60	102.00	6,120.00
19	I Hook for guarding	No	8	81.60	652.80
20	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	2	1428.00	2,856.00
21	GI flat 25x4 mm for Earthing	Kg	30	102.00	3,060.00
22	Danger Plate	No	2	108.80	217.60
23	GI Barbed wire for anticlimbing device 3 Kg per support	Kg	6	108.80	652.80
24	PG clamp 55 sq. mm AAA conductor	Nos.	9	652.80	5,875.20
25	11 KV single core 70 sq. mm (XLPE insulated covered conductor)	Km	0.189	190000.00	35,910.00

26	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.612	102.00	62.42
27	Back clamp for anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length	Kg	2.44	102.00	248.88
28	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1,000.00
	A.Sub Total Rs.				1,70,914.61
	B.Deduction of Salvage Value @8 %				13,673.17
	C. Total Material cost after deducting Salvage Value @8%				1,57,241.44
	D. Stock, Storage & Insurance @ 3% of C				4,717.24
	E. Sub Total (E=C+D)				1,61,958.68
	T&P @ 2% of E				3,239.17
	Contigency @ 3% of E				4,858.76
	Transportation @ 7.5% of E				12,146.90
	Erection Charges @ 5% for Joist /WPB Pole cost including stock, storage & insurance @3%				3,253.41
	Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%				
	Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%				9,684.04
					1,95,140.97
29	Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum @6177.92 cum	Nos.	1	1235.58	1,235.58
30	Cement concreting & Couping of Poles in ratio 1:1:5:3,0.1125 cum for each pole@6400/per cum	No	2	3600.00	7,200.00
31	Construction of earthing chamber,Excavation & Installation of Earthing pipe dia upto 100 mm for Length of 3 Mtr., scope also includes necessary nut bolts, 25 Kg Betonide powder,connection and welding with incoming.	Ls	2	3784.73	7,569.46
32	Dismantle of HT Pole	Nos.	1	972.00	972.00
33	Dismantle of 55 sq. mm conductor	Mtr.	100	6.44	644.00
					17,621.04
	Total Rs.				2,12,762.01
II	LT LINE-0.06 KM				
1	GI Nuts and Bolts of assorted size	Kg	0.81	106.08	85.92
2	3x35+1x25 sqmm LT AB Cable	Km	0.06	146880.00	9,253.44
3	Suspension clamp with I Hook	No.	1	462.40	462.40
4	Pole clamp for Eye Hook	No	3	272.00	816.00
5	Dead end clamp with Eye Hook	No	2	88.40	176.80
6	Sundries	LS	1	500.00	500.00
	A.Sub Total Rs.				11,294.56
B	Stock,storage and insurance (@3% on A)				338.84
C	TOTAL RS.				11,633.40
D	T&P @ 2% of C				232.67
E	Contigency @ 3% of C				349.00
F	Transportation @ 7.5% of C				872.51
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				1,163.34
H	TOTAL RS.				14,250.92
PART-III	SHIFTING OF DP STRUCTURE FOR 63 KVA DTR. - 1 No.				
1	11 Mtr Long 150X150 mm GI Joist Pole (30.6 Kg/Mtr.)	No	2	34333.20	68,666.40

2	Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	102.00	5,255.04
3	Transformer mounting channel GI(100x50x6)mm,2.8mtr long 2 Nos(9.2 Kg/mtr)	K.g	51.52	102.00	5,255.04
4	AB switch and HG Fuse mounting channel GI(75x40x6)mm,2.8mtr long 4 Nos(9.2 Kg/mtr)	K.g	76.16	102.00	7,768.32
5	Transformer Belting GI 50x50x6mm angle 2.8 mtr long,2 Nos.(4.5 K.g/mtr)	K.g	31.5	102.00	3,213.00
6	Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)with Galvanisation	Kg.	9	102.00	918.00
7	Disc insulator 45 KN (T&C) Polymer	No.	3	1169.60	3,508.80
8	11 KV HW fitting (T&C)45 KN	No	3	353.60	1,060.80
9	11KV AB switch 3 pole(400 Amp,50 Hz)	Set	1	16116.00	16,116.00
10	11KV HG Fuse 3 pole(400 Amp,50 Hz)with PI	Set	1	15680.80	15,680.80
11	9 KV 10 KA LA, Station class	No.	3	1360.00	4,080.00
12	LT Distribution Box with MCCB, Aluminium Bus Bar for single bay with Kitkat fuse for 63 KVA S/S .	No	1	24917.92	24,917.92
13	HT stay set complete	No.	2	1428.00	2,856.00
14	11KV stay insulator	No.	2	68.00	136.00
15	7/10 SWG stay wire, Grade-2	Kg	20	102.00	2,040.00
16	HT stay clamp (1.9 Kg/Pair)	pair	2	170.00	340.00
17	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1428.00	9,996.00
18	Earthing of support coil type GI	No	2	225.76	451.52
19	8 SWG GI wire Dia 4.6 mm ,0.131 Kg/Mtr.-2 Mtr. Each pole connecting Pole with coil earthing	Kg	0.524	102.00	53.45
20	No.6 GI Flat 25x4 mm for earthing	Kg	105	102.00	10,710.00
21	GI Nuts and Bolts of assorted size	Kg	25	106.08	2,652.00
22	LT 3.5 core 50 sq. mm LT PVC cable	Mtr.	15	276.08	4,141.20
23	RCC Base plate for PSC Pole	No	2	380.80	761.60
24	55 sq. mm AAAC	Km	0.05	40800.00	2,040.00
25	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
26	Back clamp for ACD (25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	2.448	102.00	249.70
27	Danger Board	No	2	108.80	217.60
28	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.612	102.00	62.42
29	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1768.00	1,768.00
	A.Sub Total Rs.				1,95,568.41
	B.Deduction of Salvage Value @8 %				15,645.47
	C. Total Material cost after deducting Salvage Value @8%				1,79,922.94
	D. Stock, Storage & Insurance @ 3% of C				5,397.69
	E. Sub Total (E=C+D)				1,85,320.62
	T&P @ 2% of E				3,706.41
	Contingency @ 3% of E				5,559.62
	Transportation @ 7.5% of E				13,899.05
	Erection Charges @ 5% for Joist /WPB Pole cost including stock, storage & insurance @3%				3,253.41
	Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%				
	Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%				12,025.23
					2,23,764.34
30	Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum @6177.92 cum	Nos.	2	1235.58	2,471.16

31	Concreting of Joist Pole in ratio 1:1:5:9=0.375 cum	Nos.	2	2880.00	5,760.00
32	Couping of Poles in ratio 1:1:5:9,0.375 cum for each pole@6400/per cum	Nos.	2	720.00	1,440.00
33	Earth Chamber-Installation of earthing pipe bidder has to provide necessary civil material.For construction of earthing chamber ,excavation & installation of including earthing pipe dia up to 100 mm dia for Length of 3 Meter .scope also includes necessary nut bolts 25 Kg Bentonide Powder,connection & welding with incoming.	Nos.	7	3784.73	26,493.11
34	Supply and erection of GI Fencing with gate as per standard specification providing & fixing of galvanised steel fencing with 75x75 mm mesh size,4 mm dia mesh wire conforming to 15:2721, GI strips wire 2.5 mm dia with tying wire 6 mm dia mid GI steel including providing 25 mm x4.75 mm GI stretcher bars, eye straners,ring nuts,hair, pins staples of 3.5 mm wire , cleats of GI angle 75x60x6 mm , MS droppers 25mmx4.75 mm with 38 mm x4.85 mm half round staples etc., completed as per drawing and specification as directed.The scope including supply of Flat , angle of civil material, civil excavation,concreting,brick work,painting,welding,transportation etc charges as per DSS/ substation area Sq. mtr. where fencing is proposed space of 12 RM(2I+2b) @3682.44 per RM.	No	1	44189.28	44,189.28
35	Dimantle of DP structure	No	1	1944.00	1,944.00
					82,297.55
	Total Rs.				3,06,061.89
	Sub Total Rs.				5,33,074.82
	Cess @ 1%				5,330.75
	Total Estimated Cost				5,38,405.56
	Total Estimated Cost in Figures				5,38,406.00
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/-
DGM Engg.(Elect.)