

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.nic.in

PRICE BID FOR THE WORK UNDER SL. NO :- 08 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO PHC BUILDING AT BADKERJANGA IN THE DISTRICT OF ANGUL.

BID REF NO :- 105/PM/ELECT/OPHWC/2023-24

**NAME &
ADDRESS
OF THE
FIRM**

SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
PART-A					
I	CONSTRUCTION OF 11 KV LINE .				
A	DP WITHOUT AB SWITCH				
1	PSC Pole 10 Mtr. Long 330 KG	No	2	8450.00	16900.00
2	PSC Pole clamp	No	4	104.00	416.00
3	Top Channel 100X50X6mm, 9.56 KG/Mtr., each channel length 2.3 mtr., 2 no's channel required =(2x9.56x2.3)	KG	43.976	76.00	3342.18
4	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 6 no's required = (6x2.36x0.280)	KG	3.9648	97.50	386.57
5	Double Pole Belting Channel 75X40X 4.8mm., 7.14KG/Mtr., each channel length 1.66 Mtr., 4 no's channel required =(7.14x1.66x4)	KG	23.7048	76.00	1801.56
6	50x50x6mm.GI Bracing Angle, 4.5Kg./mtr., each angle length 2.671 mtr., 4 nos angle required = (4.5x2.671x4)	KG	24.039	76.00	1826.96
7	Danger Plate, 2 no's.	No.	2	104.00	208.00
8	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 2 no's = (2x0.59x0.510)	KG	0.6018	97.50	58.68
9	H.T. Stay clamp, 50x8 mm. flat, 3.14Kg/Mtr., 0.551 Mtr. Length, 2 no's qty. required (1 Pair)	Pair	2	162.50	325.00
10	H.T. Stay set (Complete)	Set	2	1365.00	2730.00
11	H.T. Stay Insulator Type-C	No.	2	65.00	130.00
12	7/10 SWG Stay Wire 15kg /stay	K.g.	30	97.50	2925.00
13	Gi Pipe Earthing 40mm. 3 Mtr. Long	No.	1	1365.00	1365.00
14	50x6mm GI Flat for earthing, 2.36kg/mtr., (2.5 mtr. For mesh formation and 2.5 mtr. For raising)= 5x2.36	KG	11.8	97.50	1150.50
15	GI barbed wire anticlimbing device 3 Kg. Per support, 2 no's qty. required =(2x3kg)	Kg	6	104.00	624.00
16	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 8 no's = (8x0.59x0.510)	KG	2.4072	97.50	234.70
17	11 KV pin insulator polymer	No.	3	260.00	780.00
18	H W fitting(B&S) 70KN, 3Bolt	No.	6	455.00	2730.00
19	Disc insulator (B&S) 70 KN polymer	No.	6	1495.00	8970.00
20	Non metallic ties 11 KV(for covered conductor)	No	3	251.00	753.00
21	IPC for 70 sq. mm AAAC covered conductor	No	6	371.00	2226.00

22	Spike(GI) using 50x6 mm GI flat welded with 8 mm square bar(2 Nos. of spike per set in each pole)	Set	4	332.00	1328.00
23	GI Nut , Bolt & Washer of different sizes (12.261 Kg each DP without AB Switch)	K.g.	12.261	101.40	1243.27
24	Black Paint	Ltr	2	216.00	432.00
25	Yellow Colour Paint for Background	Ltr	1	286.00	286.00
A	A. Sub total				53,172.42
B	B. Stock, Storage & Insurance @ 3% of A				1,595.17
C	Sub Total (C=A+B)				54,767.59
D	T&P @ 2% of C				941.37
E	Contigency @ 3% of C				1,643.03
F	Transportation @ 7.5% of C				4,107.57
	Erection Charges @ 20% on PSC poles				3,481.40
G	Erection Charges @ 10%				2,966.13
H	Total				67,907.08
26	Fixing of 11 KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & bolts, including excvaton, supply of 0.5Cum cement concrete foundation 1:2:4 size (500mmx500mmx800mm) using 20mm BHG metal with all labour and material (Excavation of earth will be done of size 500X500X1500 mm.)	No	2	2250.00	4500.00
27	Concreting Ratio 1:1:5:3(500 mmx500mmx1700 mm)=0.425 Cu. Mtr.	Cum	0.85	6500.00	5525.00
28	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	1	3700.00	3,700.00
	Total Material + Services Cost (J+K)				81,632.08
B	11 KV CUT POINT WITH 180 DEGREE ANGLE				
1	PSC Pole 10 Mtr. Long 330 KG	No	2	8450.00	16900.00
2	PSC Pole clamp	No	4	104.00	416.00
3	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =(4x9.56x1.2)	Kg	45.888	76.00	3487.49
4	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	10.5728	97.50	1030.85
5	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 0.306 mtr., 4 no's channel required =(42x9.56x0.306)	Kg	11.70144	76.00	889.31
6	Danger plate	No	2	104.00	208.00
7	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.6018	97.50	58.68
8	GI barbed wire/Anticlimbing device	No	6	104.00	624.00
9	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.4072	97.50	234.70
10	11 KV Pin Insulator Polymer,3 Nos.,required for each support	No	6	260.00	1560.00

11	H W fitting(B&S) 70KN, 3Bolt	No.	12	455.00	5460.00
12	Disc insulator (B&S) 70 KN polymer	No.	12	1495.00	17940.00
13	Non metallic ties 11 KV(for covered conductor)	No	6	251.00	1506.00
14	IPC for 70 sq. mm AAAC covered conductor	No	12	371.00	4452.00
15	Spike(GI) using 50x6 mm GI flat welded with 8 mm square bar(2 Nos. of spike per set in each pole)	Set	4	332.00	1328.00
16	Earthing of Support (Coil Type)	No	2	215.80	431.60
17	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.524	97.50	51.09
18	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	7.1	101.40	719.94
19	Yellow colour paint for Background	Ltr	4	216.00	864.00
20	Black colour paint for numbering	Ltr	1	286.00	286.00
A	A. Sub total				58,447.65
B	B. Stock, Storage & Insurance @ 3% of A				1,753.43
C	Sub Total (C=A+B)				60,201.08
D	T&P @ 2% of C				1,204.02
E	Contingency @ 3% of C				1,806.03
F	Transportation @ 7.5% of C				4,515.08
		Erection Charges @ 20% on PSC poles			3,481.40
G	Erection Charges @ 10%				4,279.41
H	Total				75,487.03
20	Concreting Ratio 1:1:5:3(500 mmx500mmx1700 mm)=0.425 Cu. Mtr.	Cum	0.85	6500.00	5525.00
	Total Material + Services Cost (J+K)				81,012.03
C	11 KV CUT POINT WITH 90 DEGREE ANGLE				
1	PSC Pole 10 Mtr. Long 330 KG	No	2	8450.00	16900.00
2	PSC Pole clamp	No	4	104.00	416.00
2	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =(4x9.56x1.2)	Kg	91.776	76.00	6974.98
3	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	21.1456	97.50	2061.70
4	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 0.306 mtr., 4 no's channel required =(42x9.56x0.306)	Kg	23.40288	76.00	1778.62
5	Danger plate	No	2	104.00	208.00
6	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.6018	97.50	58.68
7	GI barbed wire/Anticlimbing device	No	6	104.00	624.00
8	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.4072	97.50	234.70
9	11 KV Pin Insulator Polymer,3 Nos.,required for each support	No	8	260.00	2080.00
10	H W fitting(B&S) 70KN, 3Bolt	No.	15	455.00	6825.00
11	Disc insulator (B&S) 70 KN polymer	No.	15	1495.00	22425.00
13	Non metallic ties 11 KV(for covered conductor)	No	8	251.00	2008.00
14	IPC for 70 sq. mm AAAC covered conductor	No	15	371.00	5565.00
15	Spike(GI) using 50x6 mm GI flat welded with 8 mm square bar(2 Nos. of spike per set in each pole)	Set	4	332.00	1328.00
12	Earthing of Support (Coil Type)	No	2	215.80	431.60
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.524	97.50	51.09

15	HT Stay Set (Complete)	Set	3	1365.00	4095.00
16	HT Stay Clamp,50x8 mm , flat 3.14 kg/Mtr.,0.551 Length , 2Nos.	Pair	3	162.50	487.50
17	HT Stay Insulator	No.	3	65.00	195.00
18	7/10 SWG Stay Wire , 15 Kg/stay	KG	45	97.50	4387.50
19	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	14.866	101.40	1507.41
20	Yellow colour paint for Background	Ltr	4	216.00	864.00
21	Black colour paint for numbering	Ltr	1	286.00	286.00
A	A. Sub total				81,792.77
B	B. Stock, Storage & Insurance @ 3% of A				2,453.78
C	Sub Total (C=A+B)				84,246.55
D	T&P @ 2% of C				1,496.13
E	Contingency @ 3% of C				2,527.40
F	Transportation @ 7.5% of C				6,318.49
		Erection Charges @ 20% on PSC poles			3,481.40
G	Erection Charges @ 10%				5,739.96
H	Total				1,03,809.93
22	Fixing of 11 KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & bolts, including excvaton, supply of 0.5Cum cement concrete foundation 1:2:4 size (500mmx500mmx800mm) using 20mm BHG metal with all labour and material (Excavation of earth will be done of size 500X500X1500 mm.)	No	3	2250.00	6750.00
20	Concreting Ratio 1:1:5:3(500 mmx500mmx1700 mm)=0.425 Cu. Mtr.	Cum	0.85	6500.00	5525.00
	Total Material + Services Cost (J+K)				1,16,084.93
C	11 KV PIN POINTS WITH PSC POLE				
1	PSC Pole 10 Mtr. Long 330 KG	No	20	8450.00	169000.00
2	PSC Pole V cross Arm Back clamp	No	20	104.00	2080.00
3	11 KV V cross arm	No	20	1053.00	21060.00
4	Top Bracket 100x50x6 mm GI channel(2 Kg each)	No	20	195.00	3900.00
5	Danger plate	No	20	104.00	2080.00
6	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	6.02	97.50	586.95
7	GI barbed wire/Anticlimbing device	No	60	104.00	6240.00
8	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	24.07	97.50	2346.83
9	11 KV Pin Insulator Polymer,3 Nos.,required for each support	No	60	260.00	15600.00
10	Non metallic ties 11 KV(for covered conductor)	No	60	251.00	15060.00
11	Spike(GI) using 50x6 mm GI flat welded with 8 mm square bar(2 Nos. of spike per set in each pole)	Set	40	332.00	13280.00
12	Earthing of Support (Coil Type)	No	20	215.80	4316.00
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	5.24	97.50	510.90
14	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	29	101.40	2940.60
15	70 sq. mm AAAC XLPE covered conductor	Km	3.09	185220.00	572329.80

16	Midspan joint for 70 sq. mm AAAC XLPE Covered Conductor	EA	3	1261.00	3783.00
17	Yellow colour paint for Background	Ltr	40	216.00	8640.00
18	Black colour paint for numbering	Ltr	20	286.00	5720.00
A	A. Sub total				8,49,474.08
B	B. Stock, Storage & Insurance @ 3% of A				25,484.22
C	Sub Total (C=A+B)				8,74,958.30
D	T&P @ 2% of C				17,499.17
E	Contingency @ 3% of C				26,248.75
F	Transportation @ 7.5% of C				65,621.87
		Erection Charges @ 20% on PSC poles			34,814.00
G	Erection Charges @ 10%				70,088.83
H	Total				10,89,230.91
19	Concreting Ratio 1:1:5:3(500 mmx500mmx1700 mm)=0.425 Cu. Mtr.	Cum	8.5	6500.00	55250.00
	Total Material + Services Cost (J+K)				11,44,480.91
II	INSTALLATION OF 25 KVA S/S.				
1	10 MTR. Long 330 KG PSC Pole	No	2	8450.00	16900.00
2	9 Mtr. long 300 Kg. PSC Pole (For Raising of LT ABC)	No	1	3900.00	3900.00
3	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	2	260.00	520.00
4	EYE hook for XLPE Aerial bunched Cable	No	2	78.00	156.00
5	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	2	84.50	169.00
6	Pole clamp	No	14	104.00	1456.00
7	Top Channel GI 100X50X6mm,3000 mm Long) 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =(4x9.56x1.2)	Kg	57.36	76.00	4,359.36
8	Fish Plate 50x6 mm ,2.36 Kg/Mtr.,each 0.280 Mtr., 6 nos. required	Kg	3.9648	97.50	386.57
9	AB switch mounting channel 75x40x4.8 mm GI channel (7.14 kg/mtr,2 Nos.)	Kg	42.84	76.00	3,255.84
10	AB witch side support channel 100x50x6 mm GI channel (0.35Mtr Long)(9.56 kg/mtr,2 Nos.)	Kg	6.69	76.00	508.44
11	Channel support for down pipe 75x40x4.8 mm GI channel(7.14 kg/mtr,2 Nos.)each channel length 0.8 Mtr.	Kg	5.711	76.00	434.04
12	HG/DO fuse Mounting channel 75x40x4.8 mm GI channel(3000 mm Long) (7.14 kg/mtr,2 Nos.)	Kg	42.84	76.00	3255.84
13	Cantilever suport channel75x40x4.8 mm GI channel(810 mm Long,2 Nos.)(7.14 kg/mtr,2 Nos.)	Kg	11.57	76.00	879.32
14	Cantilever suport angle 50x50x6 mm GI (1282 mm Long)(4.5 kg/mtr,2 Nos.)	Kg	11.54	76.00	877.04
15	Transformer Base GI Channel 100 X 50 X 6 MM (3000 mm long) (9.56Kg./Mtr, 2 No's.) (Each 2x3.000x9.56= 57.36 Kg)	Kg	57.36	76.00	4359.36
16	Transformer Base Support GI Channel 100 X 50 X 6 MM (515 mm long) (9.56Kg./Mtr, 2 No's) (Each 2x0.515x9.56= 9.85Kg)	Kg	9.85	76.00	748.60
17	Transformer Belting Angle 50 X 50 X 6MM GI (3000 mm long)(4.5Kg./Mtr, 2 No's) (Each 2x3.0x4.5 Kg)	Kg	27	76.00	2052.00
18	Transformer Belting Support Angle 50 X 50 X 6MM GI (580 mm long)(4.5Kg./Mtr,2 No's) (Each 2x0.580x4.5= Kg)	Kg	5.22	76.00	396.72

19	LTDB Mounting Angle 50 X 50 X 6MM GI (1000 mm long)(4.5Kg./Mtr, 2 No's) (Each 2x1x4.5 Kg)	Kg	9	76.00	684.00
20	50x6mm GI Flat for earthing, 2.36kg/mtr., (2.5x7 mtr. For mesh formation, 12 Mtr. For L.A and 2.5 Mtr for raising, 11 Mtr. For AB Switch ,2.8 Mtr. for HG Fuse, 5x2 Mtr. For DTR neutral,(13-4.5)mtr. For DTR Body, 0.500 Mtr. For LTDB & AB switch operating handle, 3 Mtr. for fencing.)	Kg	154.816	97.50	15094.56
21	25 KVA , 11/0.4 KV (AL) Transformer BIS Energy Level-II	No	1	69940.00	69940.00
22	LT Distribution Box with MCCB, Aluminium Busbar of single Bay with kit kat fuse for 25 KVA S/S	No	1	19409.00	19409.00
23	55mm ² All Alloy Aluminum Conductor (AAAC) - PVC Insulated (50 Mtr. Each Dtr.)	Mtr	50	55.24	2762.00
24	4 Cx35 mm ² LT XLPE Cable(Armoured) - FOR 25 KVA Trf.	Mtr	15	213.38	3200.70
25	11 KV AB switch (200 Amp, 3 pole)	Set	1	9555.00	9555.00
26	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	7956.00	7956.00
27	PG Clamp for 55 sq. mm AAAC	No	6	624.00	3744.00
28	Disc insulator (B&S)70 KN polymer	No	3	1495.00	4485.00
29	H W fitting (B&S)70KN(3bolted)	Pair	3	455.00	1365.00
30	11 KV LA (12KV,10 KA)station class-2	No	3	4615.00	13845.00
31	11 KV Pin Insulator polymer type	No	3	260.00	780.00
32	HT Stay Set (Complete)	Set	2	1365.00	2730.00
33	HT Stay Clamp,50x8 mm , flat 3.14 kg/Mtr.,0.551 Length , 2Nos.	Pair	2	162.50	325.00
34	HT Stay Insulator	No.	2	65.00	130.00
35	7/10 SWG Stay Wire , 15 Kg/stay	KG	30	97.50	2925.00
36	GI Pipe for earthing 40mm dia 3mtr long	No	7	1365.00	9555.00
37	GI Nut, Bolt & washers of different sizes	Kg	25	101.40	2535.00
38	GI barbed wire/Anticlimbing device	No	6	104.00	624.00
39	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.4072	97.50	234.70
40	Danger plate	Kg	2	104.00	208.00
41	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.6018	97.50	58.68
42	Name Plate	No	1	104.00	104.00
43	Yellow colour paint for Background	Ltr	2	216.00	432.00
44	Black colour paint for numbering	Ltr	1	286.00	286.00
A	A. Sub total				2,17,581.76
B	B. Stock, Storage & Insurance @ 3% of A				6,527.45
C	Sub Total (C=A+B)				2,24,109.21
D	T&P @ 2% of C				4,093.54
E	Contigency @ 3% of C				6,723.28
F	Transportation @ 7.5% of C				16,808.19
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3601.91
H	Erection Charges @ 20% on PSC Poles				4,284.80
I	Erection Charges @ 10% for other materials				11,121.49
J	Total				2,70,742.42
45	Concreting Ratio 1:1:5:3(500 mmx500mmx1700 mm)=0.425 Cu. Mtr.	Cum	0.85	6500.00	5525.00
46	Concreting Ratio 1:1:5:3(500 mmx500mmx1500 mm)=0.375 Cu. Mtr.	Cum	0.375	6500.00	2437.50

47	Fixing of stay set with 0.5 cum cement concrete foundation 1:3:6 size (900x 600x900 mm) using 40 mm BHG metal with all labour and material except stay wire, stay set,stay insulator.	No	2	2250.00	4,500.00
48	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	7	3700.00	25,900.00
49	Laying of 4Cx35 sq. mm LT XLPE cable	Mtr	15	46.80	702.00
50	Supply and Erection of GI fencing with Gate	Sq. Mtr.	15	3600.00	54,000.00
					93,064.50
				Sub total Rs	3,63,806.92
III	Construction of LT Line using 4Cx25 sq. mm Armoured Aluminium Cable- -0.15 Km.				
1	9 Mtr Long 300 KG PSC Pole	No	5	3900.00	19,500.00
2	LT stay set complete	Set	3	676.00	2,028.00
3	7/12 SWG GI stay wire, Grade-2	Kg	36	97.50	3,510.00
4	LT stay clamp	Pair	3	143.00	429.00
5	LT stay set Insulator	No	3	39.00	117.00
	LT Accessories with Eye Hook and Clamp				
6	Pole Clamp for Eye Hook for XLPE Aerial bunched cable	Pair	7	260.00	1,820.00
7	Eye Hook for XLPE Aerial Bunched Cable	No	7	78.00	546.00
8	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25-70 sqmm)	No	4	84.50	338.00
9	Suspension Clamp with Eye Hook for ABC(25-70 sq. mm)	No	3	442.00	1,326.00
10	4Cx25 sq. mm Armoured Aluminium Cable-XLPE Insulated	Mtr	157.5	159.61	25,138.58
11	4 way service Distribution Box with kitkat fuse and Aluminium Bus Bar	No	1	2873.00	2,873.00
12	Gi Pipe Earthing (Each 5th Pole to earth)	No	1	1365.00	1,365.00
13	Coil Earthing	No	4	215.80	863.20
14	No-8 GI wire (Dia-4.6mm)	Kg	1.31	97.50	127.73
15	Danger plate (LT)	No	5	104.00	520.00
16	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	1.5	97.5	146.25
17	GI barbed wire/Anticlimbing device 3 kg per support	Kg	15	104	1560.00
18	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	6.02	97.5	586.95
19	GI Nut, Bolt & washers of different sizes	Kg	2.5	101.40	253.50
20	Yellow colour paint for Background	Ltr	10	216.00	2,160.00
21	Black paint	Ltr	5	286.00	1,430.00
A	TOTAL MATERIAL COST				66,638.20
B	Stock, Storage & Insurance @ 3% of A				1,999.15
C	Sub Total (C=A+B)				68,637.35
D	Contingency @3% of C				2,059.12
E	T & P 2% of C				1,219.30
F	Transportation @ 7.5% of C				5,147.80
G	Erection Charges for PSC Pole @ 20%				4,017.00
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				4,088.01

J		Sub Total Rs.	85,168.58		
Civil and Services Works (As per Technical Specification)					
22	Fixing of LT complete stay set includes(1) Turn Buckle assembly(2)Stay Rod & stay Plate(3)Stay Insulator(4)Stay Wire(5)stay Clamps with Nuts & Bolts,including excavation supply of 0.5 cum cement concrete foundation 1:2:4 size(500x500x800mm)using 20 mm BHG metal with all Labour and material(Excavation of earth will be done of size500x500x1500mm)	No	3	2250.00	6750.00
23	Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr	Cu.Mtr	1.875	6500.00	12,187.50
24	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	1	3700.00	3,700.00
K	Total Services Cost				22,637.50
	Total Material + Services Cost (J+K)				1,07,806.08
	TOTAL RS.				18,94,822.96
	Cess @ 1%				18,948.23
	Total Estimated Cost				19,13,771.19
	Total Estimated Cost in Figures				19,13,771.00
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.)