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PRICE BID FOR THE WORK UNDER SL. NO :- 04 AS PER IFB					
NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO POLICE STATION BUILDING AT KOTINADA IN THE DISTRICT OF GANJAM.					
BID REF NO.-33/PM/ELECT/OPHWC/2025-26					
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-I	Installation of 100 KVA 11/0.4KV sub station - 1 No.				
1	11 Mtr Long (160x152)WPB Pole(30.44 Kg/mtr)with base plate 300x300x12	No	2.00	34,321.52	68,643.04
2	Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	106.50	5,486.88
3	Transformer mounting Channel 100x50x6mm channel 2.8 mtr long,4 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	106.50	5,486.88
4	AB switch &HG fuse mounting channel GI(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.16	106.50	8,111.04
5	Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)with Galvanisation	Kg	13.50	106.50	1,437.75
6	Cantilever Channel for supporting HG Fuse 50x50x6mm. 1.5 mtr. Long 2 Nos. (6.8kg./mtr.)with Galvanisation	Kg.	13.50	106.50	1,437.75
7	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1.00	16,827.00	16,827.00
8	11KV HG fuse 3 pole(400 Amp)	Set	1.00	16,372.60	16,372.60
9	11 KV LA(12 KV, 10 KA)	No.	3.00	1,420.00	4,260.00
10	11KV Disc insulatorT & C,45 KN	No.	3.00	1,221.20	3,663.60
11	11KV H.W Fittings T&C 45KN	No.	3.00	184.60	553.80
12	HT stay set (Complete)REC Construction standard	No.	2.00	1,491.00	2,982.00
13	HT stay Insulator, Type-C	No.	2.00	71.00	142.00
14	Stay clamp(1.9 Kg/Pair)	pair	2.00	177.50	355.00
15	7/10 SWG GI Saty wire, grade-2	Kg	20.00	106.50	2,130.00
16	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7.00	1,491.00	10,437.00
17	25x6 mm GI flat for earthing	Kg	70.00	106.50	7,455.00

18	100 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1.00	166,140.00	166,140.00
19	LT Distribution box with MCCB, Aluminium Bus bar for single bay with Kitkat Fuse for 100 KVA S/S	No	1.00	34,674.98	34,674.98
20	GI Nuts, Bolts of assorted size	Kg	25.00	110.76	2,769.00
21	55 sq. mm AAAC Conductor(for jumpering)	Km	0.05	42,600.00	2,130.00
22	150 sq. mm 1 core LT PVC Cable(Un-Armoured)	Mtr.	32.00	298.20	9,542.40
23	RCC Base Plate (500x500x10)mm for PSC Pole	No.	2.00	432.48	864.96
24	Earthing Device coil type GI	No	2.00	235.72	471.44
25	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.52	106.50	55.81
26	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	4.00	113.60	454.40
27	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	4.90	113.60	556.19
28	Danger Board	No	2.00	113.60	227.20
29	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.61	113.60	69.52
30	Name plate	No	1.00	113.60	113.60
31	Back clamp for Name Plate	Kg	0.31	113.60	35.22
32	Sundries	LS	1.00	500.00	500.00
	A.Sub Total Rs.				374,386.05
B	Stock,storage and insurance (@3% on A)				11,231.58
C	TOTAL RS.				385,617.63
D	T&P @ 2% of C				7,712.35
E	Contigency @ 3% of C				11,568.53
F	Transportation @ 7.5% of C				28,921.32
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				26,470.44
H	TOTAL RS.				460,290.28
33	Stay concreting in ratio C.C ,1:2:4	Nos.	2	1,329.77	2,659.54
34	Concreting of support C:C 1:1:5:3,0.45 cum @6400 for 11 Mtr. WPB Pole	Nos.	2	2,991.98	5,983.96
35	Couping with C.C 1:1:5:3,0.1125 cum @6400	Nos.	2	748.00	1,496.00
36	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	7	3,784.73	26,493.11
37	Transformer Plinth for S/S	No.	1.00	32,181.60	32,181.60
38	Construction of Brick wall Boundary for S/S.	Nos.	1	87,601.00	87,601.00
39	Dismantle of 25 KVA Transformer and acessories.	Nos.	1	1,534.35	1,534.35
40	Dismantle of AB switch/HG Fuse	Set	2	1,200.00	2,400.00

41	Dismantle of LA	No.	1	162.12	162.12
42	Dismantle of 8/9 Mtr. PSC Pole	No.	2	920.61	1,841.22
					162,352.90
	Sub Total Rs.				622,643.18
PART-II	3 phase 3W 11 KV line with 55 sq. mm AAAC-0.10 Km				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)for Support	No	3.00	34,321.52	102,964.56
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1.00	1,150.20	1,150.20
3	GI Back clamp for 11 KV V Cross Arm	No.	1.00	113.60	113.60
4	Top F clamp	No.	1.00	340.80	340.80
5	11KV Pin Insulator polymer	No.	9.00	284.00	2,556.00
6	Disc insulator 45 KN (T&C) Polymer	No.	12.00	1,221.20	14,654.40
7	11 KV HW fitting (T&C)45 KN	No	12.00	184.60	2,215.20
8	(100x50x6)mm GI Channel for cut point	Kg	99.36	106.50	10,581.84
9	55 sq. mm AAA Conductor	Km	0.31	42,600.00	13,163.40
10	GI Nut, Bolt & washer of assorted size	Kg	1.00	110.76	110.76
11	HT stay set (Complete)	No.	4.00	1,491.00	5,964.00
12	HT stay Insulator, Type-C	No.	4.00	71.00	284.00
13	Stay clamp(1.9 Kg/Pair)	pair	4.00	177.50	710.00
14	7/10 SWG GI Saty wire	Kg	40.00	106.50	4,260.00
15	Earthing Device coil type GI	No	3.00	235.72	707.16
16	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.79	106.50	83.71
17	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	9.00	113.60	1,022.40
18	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	10.83	113.60	1,230.52
19	Danger Board	No	3.00	113.60	340.80
20	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.90	113.60	102.55
21	Guarding materials for 50 Mtrs. Span including GI wire , clamps, stay, earthing device and support channel etc.	Ls	1.00	10,351.56	10,351.56
22	Saundries	No.	1.00	1,000.00	1,000.00
	A.Sub Total Rs.				173,907.45
B	Stock,storage and insurance (@3% on A)				5,217.22
C	TOTAL RS.				179,124.67
D	T&P @ 2% of C				3,582.49
E	Contingency @ 3% of C				5,373.74
F	Transportation @ 7.5% of C				13,434.35
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				12,609.79
H	TOTAL RS.				214,125.05
23	Stay concreting in ratio C.C ,1:2:4	Nos.	2.00	1,329.77	2,659.54
24	Concreting of support C:C 1:1:5:3,0.45 cum @6400 for 11 Mtr. WPB Pole	Nos.	2.00	2,991.98	5,983.96

25	Couping with C.C 1:1:5:3,0.1125 cum @6400	Nos.	2.00	748.00	1,496.00
26	Dismantle of XLPE Cable and accessories	Mtr.	16.00	30.69	491.04
27	Dismantle of 8/9 Mtr. PSC Pole	No.	1.00	920.61	920.61
					11,551.15
	Sub Total Rs.				225,676.20
PART-III	DP STRUCTURE -1 NO.				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)for Support	No	2.00	34,321.52	68,643.04
2	Earthing Device coil type GI	No	2.00	235.72	471.44
3	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.52	106.50	55.81
4	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)	K.g	51.52	106.50	5,486.88
5	GI Bracing channel for supporting DP arm,75x40x6mm channel 2.8 mtr long,4 Nos.6.8 K.g/mtr)	K.g	152.32	106.50	16,222.08
6	Bracing Angle GI(50x50x6)mm,4 mtr long 2 No(4.5 Kg/mtr)	K.g	72.00	106.50	7,668.00
7	Disc insulator 45 KN (T&C) Polymer	No.	3.00	1,221.20	3,663.60
8	11 KV HW fitting (T&C)45 KN	No	3.00	184.60	553.80
9	11KV Pin Insulator polymer	No.	3.00	284.00	852.00
10	HT stay set (Complete)	No.	2.00	1,491.00	2,982.00
11	HT stay Insulator, Type-C	No.	2.00	71.00	142.00
12	Stay clamp(1.9 Kg/Pair)	pair	2.00	177.50	355.00
13	7/10 SWG GI Saty wire	Kg	20.00	106.50	2,130.00
14	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	1.00	1,491.00	1,491.00
15	25x6 mm GI flat for earthing	Kg	15.00	106.50	1,597.50
16	11 KV LA(9 KV, 10 KA)DH Class	No.	3.00	1,260.00	3,780.00
17	Danger Board	No	2.00	113.60	227.20
18	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.60	113.60	68.36
19	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6.00	113.60	681.60
20	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.41	113.60	273.46
21	GI Nut, Bolt & washer of assorted size	Kg	10.00	110.76	1,107.60
22	Saundries	No.	1.00	1,000.00	1,000.00
	A.Sub Total Rs.				119,452.37
B	Stock,storage and insurance (@3% on A)				3,583.57
C	TOTAL RS.				123,035.94
D	T&P @ 2% of C				2,460.72
E	Contingency @ 3% of C				3,691.08
F	Transportation @ 7.5% of C				9,227.70
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				8,768.48

H	TOTAL RS.				147,183.91
23	Stay concreting in ratio C.C ,1:2:4	Nos.	2.00	1,329.77	2,659.54
24	Concreting of support C:C 1:1:5:3,0.45 cum @6400 for 11 Mtr. WPB Pole	Nos.	2.00	2,991.98	5,983.96
25	Couping with C.C 1:1:5:3,0.1125 cum @6400	Nos.	2.00	748.00	1,496.00
26	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	1.00	3,784.73	3,784.73
					13,924.23
	Sub Total Rs.				161,108.14
PART-IV	11 KV 400 AMP 3-POLE LINE AB SWITCH-1 NO.				
1	AB switch channel GI(75x40x4.8)mm,3 mtr long 2 Nos.(6.8Kg/mtr)	K.g	40.80	106.50	4,345.20
2	AB switch side support channel GI(100x50x5)mm,0.35 mtr long 2 Nos.(9.2 Kg/mtr)	Kg	6.44	106.50	685.86
3	Channel support for Down pipe(75x40x4.8)mm,0.8 mtr long 1 Nos.(9.2 Kg/mtr)	Kg.	5.44	106.50	579.36
4	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1.00	16,827.00	16,827.00
5	11 KV LA(12 KV, 10 KA)	No.	3.00	1,420.00	4,260.00
6	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	2.00	1,491.00	2,982.00
7	25x6 mm GI flat for earthing	Kg	30.00	106.50	3,195.00
8	GI Nut, Bolt & washer of assorted size	Kg	3.00	110.76	332.28
9	Saundries	No.	1.00	500.00	500.00
	A.Sub Total Rs.				33,706.70
B	Stock,storage and insurance (@3% on A)				1,011.20
C	TOTAL RS.				34,717.90
D	T&P @ 2% of C				694.36
E	Contingency @ 3% of C				1,041.54
F	Transportation @ 7.5% of C				2,603.84
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				3,471.79
H	TOTAL RS.				42,529.43
10	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	2	3,784.73	7,569.46
					7569.46
	Sub Total Rs.				50,098.89
PART-V	Construction of LT 3ph 6 W line using 4x50+1x50+1x16 sqmm XLPE AB Cable=0.12 Km(6 Span)AND LT 3ph 6 W line using 4x50+1x50+1x16 sqmm XLPE AB Cable=0.110 Km(3 Span)				
1	9 Mtr. Long 300 KG PSC Pole	No	9.00	4,260.00	38,340.00
2	8 Mtr. Long 200 KG PSC Pole	No	2.00	2,840.00	5,680.00
3	Back clamp for strut pole	No	8.00	113.60	908.80
4	4x50+1x50+1x16 sqmm AB Cable	Km	367.50	206.22	75,785.85
5	Pole clamp for eye Hook for AB cable	No.	9.00	284.00	2,556.00
6	Eye Hook	No.	9.00	85.20	766.80

7	Dead end clamp (Double clamp provision at cut point)	No	6.00	92.30	553.80
8	Suspension clamp with Eye Hook	No	6.00	482.80	2,896.80
9	GI Nut, Bolt & washer	Kg	3.00	110.76	332.28
10	L.T Stay set (Complete)	Set	3.00	738.40	2,215.20
11	L.T Stay Insulator	No.	3.00	42.60	127.80
12	L.T Stay clamp (1.40 K.g/Pair)	Pair	3.00	156.20	468.60
13	7/12 SWG Stay Wire ,Grade-2	Kg	15.00	106.50	1,597.50
14	GI Base plate for support	No.	9.00	2,130.00	19,170.00
15	Earthing support coil type	No	9.00	235.72	2,121.48
16	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	2.36	106.50	251.34
17	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	9.00	113.60	1,022.40
18	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	5.51	113.60	625.71
19	Danger Board	No	9.00	113.60	1,022.40
20	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.75	113.60	312.40
21	Saundries	No.	1.00	500.00	500.00
	A.Sub Total Rs.				157,255.16
B	Stock,storage and insurance (@3% on A)				4,717.65
C	TOTAL RS.				161,972.81
D	T&P @ 2% of C				3,239.46
E	Contingency @ 3% of C				4,859.18
F	Transportation @ 7.5% of C				12,147.96
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				20,731.34
H	TOTAL RS.				202,950.76
22	Stay concreting in ratio C.C ,1:2:4	Nos.	3.00	1,329.77	3,989.31
23	Concreting of Pole in ratio C:C 1:1:5:3, 8 Mtr. PSC Pole	Nos.	2.00	2,493.32	4,986.64
24	Concreting of Pole in ratio C:C 1:1:5:3, 9 Mtr. PSC Pole	Nos.	9.00	2,493.32	22,439.88
25	Couping of poles C.C 1:1:5:3,0.1125 cum @6400	Nos.	11.00	748.00	8,228.00
26	Dismantle of LT Cable and accessories	Mtr.	200.00	23.02	4,604.00
27	Dismantle of 8/9 Mtr. PSC Pole	No.	14.00	920.61	12,888.54
					57,136.37
	Sub Total Rs.				260,087.13
	SERVICE CONNECTION				
1	3.5Core LT PVC cable(un armoured)	Mtr.	30.00	215.84	6,475.20
2	No. 8 SWG GI wire	Kg	5.00	106.50	532.50
3	63 Amp Kit Kat Fuse	No.	3.00	140.41	421.23
4	GI service connection Bracket	No.	1.00	383.40	383.40

5	Sundries	Ls	1.00	500.00	500.00
	A.Sub Total Rs.				8,312.33
B	Stock,storage and insurance (@3% on A)				249.37
C	TOTAL RS.				8,561.70
D	T&P @ 2% of C				171.23
E	Contingency @ 3% of C				256.85
F	Transportation @ 7.5% of C				642.13
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				856.17
H	TOTAL RS.				10,488.08
	Sub Total Rs.				1,330,101.61
	Cess @ 1%				13,301.02
	Total Estimated Cost				1,343,402.63
	Total Estimated Cost in Figures				1,343,403.00
EXCESS	☐ LESS ☐ (Please Tick)	In Figure _____ %			
		In word _____ %			
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/-
Dy. Manager(Elect)**

**Sd/-
Project Manager(Elect.)**