THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD. JANAPATH, BHOINAGAR, BHUBANESWAR - 22

[Electrical Division]

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PRICE BID FOR THE WORK UNDER SL. NO :- 25 AS PER IFB

	PRICE BID FOR THE WORK UNDE	CR SL. NO	:- 25 AS PER	RIFB			
	THE WORK :- EXECUTION OF EXTERNAL ELECTR A POLICE STATION BUILDING IN THE DISTRICT (ON WORK FO	OR POWER SUPP	LY TO		
BID REF NO	O :- 04/PM/ELECT/OPHWC/2024-25						
NAME & ADDRESS OF THE FIRM							
	SCHEDULE OF V	<u>WORKS</u>					
61 N		T T •/		Estimated Cost in Rs.			
Sl. No.	Description of work	Unit	Qty.	RATE IN RS.	AMOUNT IN RS.		
I	SUPPLY AND LAYING OF 0.08 KM 11 KV 3CX95 SQ. MM XLPE UG CABLE WITH 11 KV R						
	Supply of materials for 11 Kv, 3 Core, 95 sq. mm ,X	LPE insu	lation armou	ıred UG cable wi	th accessories.		
a	Length of 11kV 3C, 95sqmm cable (open trench)	Mtr.	80				
1.1	Supply of 11kV, 3Core, 95sqmm, XLPE insulation armoured UG cable (SC rating of cable in kA- 9kA and SC rating of Armour in kA- 9kA)	Mtr.	160.00	742.30	1,18,768.00		
1.2	Supply of Outdoor termination kits Heat Shrinkable type suitable for 11kV, 3Core, 95 sqmm, HT UG cable for 3Core (Set)	Set	4	14,233.70	56,934.80		
1.3	Supply of HDPE PE 80-PN8 pipe of 110mm diameter (for 95sqmm HT cable laying)	Mtr.	128	357.60	45,772.80		
	Sub Total (Supply Portion	on) (in Rs	.)		2,21,475.60		
Erection Po	ortion						
1	Laying, Commissioning, Testing of 11kV, 3core, 95sqmm, aluminium, XLPE insulation armoured (extruded type) UG cable by open trench method						
1.1	Laying, Commissioning, Testing of 11kV, 3core, 95sqmm, aluminium, XLPE insulation armoured (extruded type) UG cable by open trench method.	Mtr.	160.00	94.50	15,120.00		
1.2	Erection of Outdoor termination kits Heat Shrinkable type suitable for 11kV, 3Core, 400sqmm, aluminium UG cable kits for 3core (set)	Set	4	1,900.80	7,603.20		
1.3	Laying of 160mm dia PE 80-PN8, HDPE pipe inside open trench.	Mtr.	128.00	300.00	38,400.00		
	Sub Total (Erection Port	61,123.20					
Civil Portio	1						
2	Civil works with supply of all materials like cement, MS tor rod, brick, coarse & fine aggregates and labour, T&P, etc for UG Cable Trench						
1.1	Earth work excavation of soil (1mtr. width X 1mtr. depth) Route Length	Mtr	64				
1.1.a	Earth work excavation of soil	Cum	44.8	700.00	31,360.00		
1.1.b	Earth work excavation of hard rock	Cum	19.2	1,720.00	33,024.00		
1.2	Back filling with excavated soil outside and above the trench	Cum	64	202.00	12,928.00		

1.3	Damage of asphalt/tar road and other utilities and reconstructing to bring to its original shape after laying of cable in open trench (1mtr. width)	Mtr	64	2,643.67	1,69,194.92
2	Civil works for Prefabricated RCC foundation with supply of all materials				
3	Supply and erection of GI Pipe of dia. 150mm, Class- B (8Mtr.)	Mtr	32	1,463.40	46,828.80
4	Supply and Erection of Cable Route Marker along the cable route at an interval of 30mtrs with civil works	Nos.	3	1,012.00	3,036.00
	Sub Total (Civil Portion) (in Rs.)				2,96,371.72
A	Sub Total (Supply Portion)				2,21,475.60
B	Stock, Storage & Insurance @ 3 % of A				6,644.27
C	Sub Total (A+B)				2,28,119.87
D	Contingency @ 3 % of C				6,843.60
E	Tools & Plants Charges @ 2% of C (considered for ear	rthing item	ns)		
F	Transportation @ 7.5% of C		,		17,108.99
G	Erection Charges @ 10% of earthing items				.,
Н	Total (C+D+E+F+G)				2,52,072.45
I	Sub Total (Erection Portion + Civil Portion)				3,57,494.92
J	Total Cost (H+I)				6,09,567.37
I	INSTALLATION OF 1 NO. 11 KV DP WITHOUT AB SWIT	CH.			.,,
A	DP WITHOUT AB SWITCH				
1	WPB (GI) Pole 160x152 (13 Mtr. Long, 30.44KG/Mtr.)	No	2	34,322.00	68644.00
2	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
3	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
4	Double pole belting Channel 75x40x4.8 mm ,7.14 Kg/mtr., each channel length 3.0 Mtr.,4 nos channel required.	Kg	47.4096	76.00	3603.13
5	50x50x6mm.GI Bracing Angle, 4.5Kg./mtr., each angle length 2.671 mtr., 4 nos angle required = (4.5x2.671x4)	Kg	48.078	76.00	3653.93
6	Danger Plate, 2 no's.	No.	2	104.00	208.00
7	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
8	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
9	H.T. Stay set (Complete)	Set	2	1,365.00	2730.00
10	H.T. Stay Insulator Type-C	No.	2	65.00	130.00
11	7/10 SWG Stay Wire 15kg /stay	K.g.	30	97.50	2925.00
12	Gi Pipe Earthing 40mm. 3 Mtr. Long 50x6mm GI Flat for earthing, 2.36kg/mtr., (2.5 mtr.	No.	1	1,365.00	1365.00
13	For mesh formation and 2.5 mtr. For raising)= 5x2.36	Kg	11.8	97.50	1150.50
14	GI barbed wire anticlimbing device 3 Kg. Per support, 2 no's qty. required =(2x3kg)	Kg	6	104.00	624.00
15	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
16	11 KV pin insulator polymer	No.	3	260.00	780.00
17	H W fitting(B&S) 70KN, 3Bolt	No.	6	455.00	2730.00
18	Disc insulator (B&S) 70 KN polymer	No.	6	1,495.00	8970.00
19	PG Clamp for 55 sq. mm AAA Conductor	No.	6	624.00	3744.00

21	Black Paint	Ltr	1	286.00	286.00
22	Yellow Colour Paint for Background	Ltr	2	216.00	432.00
A				A. Sub total	1,07,565.94
B]	B. Stock, St		irance @ 3% of A	3,226.98
C			S	ub Total (C=A+B) T&P @ 2% of C	1,10,792.92
D E			Cont	igency @ 3% of C	2,433.01 3,323.79
F				ation @ 7.5% of C	8,309.47
		Erecti		5% on poles	3,535.17
G			Erectio	n Charges @ 10%	3,822.06
Н				Total	1,32,216.42
23	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 excvation, 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
24	Concreting Ratio 1:1:5:3(500 mmx500mmx2200 mm)=0.55 Cu. Mtr.	Cum	0.9	6500.00	5850.00
25	Couping Ratio 1:1:5:3(500 mmx500mmx450	Cum	0.225	6500.00	1462.50
	mm)=0.1125 Cu. Mtr. Construction of earthing chamber including				
26	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 Ma	aterial + Ser	vices Cost (J+K)	1,47,728.92
PART-II	Installation of 63 KVA 11/0.4KV sub station - 1 No.				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)-DP	No	2	29661.00	59322.00
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 Dead End Clamp suitable for messenger XLPE Aerial	No	2	78.00	156.00
5	bunched Cable	No	2	84.50	169.00
6	Top Pressure Channel 100x50x6mm channel each 3000 mm long,2 Nos(9.56 K.g/mtr)	K.g	57.36	76.00	4359.36
7	Fish Plate 50x6 mm ,2.36 Kg/Mtr.,each 0.280 Mtr., 6 nos. required	Kg	3.9648	97.50	386.57
8	MU Channel GI 75x40x4.8 mm (3000 mm long)(7.14Kg./Mtr., 2 No's.)	Kg	42.84	76.00	3255.84
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

Transformer Base Support GI Channel 100 X 50 X 6 MM Kg 9.85 76.00 748.6 16 (6) Sim molog) 9.56 (Km, 2) No's) (Each Kg 27 76.00 2052.4 17 Transformer Belting Angle 50 X 50 X 6MM GI (3000 mm Kg 27 76.00 2052.4 18 (650 mm long)(45 Kg, Mtr. 2) No's) (Each 22.0.580; 4.5 - Kg) Kg 5.22 76.00 396.7 19 ITDB Mounting Angle 50 X 50 X 6MM GI (1000 mm Kg 9 76.00 664.4 Stoffmer GI Earl for aurthing 2.36(grint - (2.57 mr, Formering, 1) Nm For AB Stole, 2.8 Mm, For FO IR Nedo, 50.0 Mm, For LA and 2.5 Mm, For TR IB Nedo, 50.0 Mm, For LT DB K AdB Stoffmer FO IR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer FO IR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer FO IR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer FO IR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer FO IR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer FO IR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer FO IR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer FO IR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer FO IR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer For DIR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer FO IR Nedo, 50.0 Mm, For LT DB K AdB Stoffmer Stoffm	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
17 long(4.5Kg, Mr., 2Nos) (Tach. 52, 0x4.5 Kg) Kg 27 76.00 202.5X 18 (38) mm long(4.5Kg, Mr. 2Nos) (Each. 204.59804, 5	16	Transformer Base Support GI Channel 100 X 50 X 6 MM (515 mm long) (9.56Kg./Mtr, 2 No's) (Each	Kg	9.85	76.00	748.60
18 (\$80 mm long)(4 Skg./Mr, 2 No's) (Fach 2x0.580x4.5= kg) Kg 5.22 76.00 396.7 19 LTDB Mounting Angle 50 X 50 X 6MM GI (1000 mm long)(4.5Kg./Mr, 2 No's) (Each 2x11x4 5 Kg) Kg 9 76.00 684.0 30507mm GI Flat for earthing, 2.36kg/mr, (2.5x7 mr, For mesh formation, 12 Mr, For L A and 2.5 Mr for reising, For DTR neural (13-4.5)mr, For DTR Body, 0.500 Mr, For LTDB & AB with operating hands, 3 Mr, for knning, Kg 154.816 97.50 21 LT.DB & AB with operating hands, 3 Mr, for knning, No 1 23818.60 23818.6 22 Simple Hay with kit ka fise for 3 KVA SS No 1 23818.60 23818.6 23 Simgle Hay with kit ka fise for 3 KVA SS No 1 23818.60 23818.6 24 Sy 6 mm2 LT XLPE Cable(Un-Armoured) - FOR Mr 15 479.61 7194.1 24 LT KU HG Fuse (200 Amp, 3 pole) Set 1 955.00 9555.0 25 HI KV HG Fuse (200 Amp, 3 pole) Set 1 955.00 13656.2 25 HI VK HG Fuse (200 Amp, 3 pole) Set 1 955.00 13656.2 26	17	Transformer Belting Angle 50 X 50 X 6MM GI (3000 mm	Kg	27	76.00	2052.00
LTDB Mounting Angle 50 × 50 × 6MM GI (1000 mm Kg 9 76.00 684.0 50x6mm GI Flat for earthing, 2.36kg/mtr, (2.5x7 mt, Formesh formation, 12 Mtr. For LA, and 25 Mtr for traising, 14 Mtr. For LA, and 2.5 Mtr. for These, 5x2 Mtr. For TDTR beards, 23 Mtr. for These, 5x2 Mtr. For TDTR beards, 23 Mtr. for These, 5x2 Mtr. For TDTR beards, 23 Mtr. for These, 5x2 Mtr. For TDTR beards, 23 Mtr. for These, 5x2 Mtr. For TDTR beards, 23 Mtr. for These, 5x2 Mtr. For TDTR beards, 23 Mtr. for These, 5x2 Mtr. For TDTR beards, 23 Mtr. for TDTR beards, 23 Mtr. for These, 5x2 Mtr. For TDTR beards, 24 Mtr. for the fores, 5x2 Mtr. For TDTR beards, 24 Mtr. for the fores, 5x2 Mtr. For TDTR beards, 24 Mtr. for the fores, 5x2 Mtr. For TDTR beards, 24 Mtr. for the fores, 5x2 Mtr. For TDTR beards, 24 Mtr. fore the fores, 5x2 Mtr. For TDTR beards, 24 Mtr. fore the fores, 5x2 Mtr. For TDTR beards, 25 Mtr. Each Dtr.) Mtr. 50 55.24 276.22 21 LT Distribution Box with MCCB, Aluminitum Gubactor (AAAC) - Mtr. 50 55.24 276.22 25 Str. Mtr. Hor Lass (200 Amp, 3 pole) Set 1 9755.00 7956.00 25 I K V HG Fuse (200 Amp, 3 pole) Set 1 9755.00 7956.00 26 Fore Str. Mtr. For Lass (200 Amp, 3 pole) Set 1 9755.00 7956.00 26 Fore Str. Str. Str. Str. Str. Str. Str. Str.	18	(580 mm long)(4.5Kg./Mtr,2 No's) (Each 2x0.580x4.5=	Kg	5.22	76.00	396.72
Storm G IE In for earthing. 23 kkg/mtr., (2.5X mtr. Forment, for formation, 12 Mtr. For LA and 2.5 Mtr. for sing., 154.816 yr.50 20 11 Mtr. For AB Switch. 2.8 Mtr. for HG Fuse, 5x2 Mtr. For IDTR neutral, (13-4.5mtr. for DTR Rody, 0.300 Mtr. For IDTR acid.y. 0.300 Mtr. For	19	LTDB Mounting Angle 50 X 50 X 6MM GI (1000 mm	Kg	9	76.00	684.00
21 Single Bay with kit kat fuse for 63 KVA S/S No 1 23818.60 23818.60 22 PVC Insulated (50 Mr. Each Dr.) Mtr 50 55.24 2762.0 23 250 KVA Trf. Mtr 15 479.61 7762.0 24 Ct Symm2 LT XLPE Cabe(Un-Armoured) - FOR Mtr 15 479.61 7794.1 24 11 KV H6 Fuse (200 Amp. 3 pole) Set 1 9555.00 9555.0 25 11 KV H6 Fuse (200 Amp. 3 pole) Set 1 7956.00 7374.0 27 Disc insulator (B&S)70 KN bol/mer No 3 1495.00 4485.0 28 H W fitting (B&S)70 KN bol/mer No 3 4615.00 13845.0 29 11 KV LA (12KV,10 KA)station class-2 No 3 260.00 780.0 30 11 KV E furne (188.5)70 KN am, flat 3.14 kg/Mtr.0.551 Pair 2 162.50 325.0 31 HT Stay Clamp.50x8 mm, flat 3.14 kg/Mtr.0.551 Pair 2 162.50 325.0 32 GI Pipe for earth	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	Kg	154.816	97.50	15094.56
22 PVC Insulated (50 Mtr. Each Dtr.) Mtr 30 35.24 2762.0 23 4 Cx 95 mm2 LT XLPE Cable(Un-Armoured) - FOR 250 KVA Trf. Mtr 15 479.61 7194.1 24 11 KV AB switch (200 Amp, 3 pole) Set 1 9555.00 9555.0 25 11 KV HG Fuse (200 Amp, 3 pole) Set 1 7956.00 7956.0 26 PG Clamp for 55 sq. mm AAAC No 6 624.00 3744.0 27 Disc insulator (B&S)70KN(3bolted) Pair 3 4455.00 13845.0 29 11 KV LA (12KV,10 KA)station class-2 No 3 260.00 780.0 31 HT Stay Starp(50K 8 mn, flat 3.14 kg/Mtr.0.551 Pair 2 162.50 223.5 33 HT Stay Clamp,50x 8 mn, flat 3.14 kg/Mtr.0.551 Pair 2 162.50 325.6 34 T/10 SWG Stay Wire, 15 Kg/stay KG 30 97.50 223.5 34 T/10 SWG Stay Wire, 15 Kg/stay KG 30 97.50 234.7 37 GI Barb	21		No	1	23818.60	23818.60
2.5 250 KVA Trf. Nut 1.3 479.01 7194.1 24 11 KV AB switch (200 Amp, 3 pole) Set 1 9955.00 9955.00 25 11 KV AB switch (200 Amp, 3 pole) Set 1 7956.00 7956.0 26 PG Clamp for 55 sq. mm AAAC No 6 624.00 3744.0 27 Disc insulator (B&S)70 KN polymer No 3 1495.00 4485.0 28 H W fitting (B&S)70 KN (3bolted) Pair 3 4451.00 11384.5 29 11 KV LA (12KV.10 KA)station class-2 No 3 4615.00 1384.5 30 11 EV Pin Insulator polymer type No 3 260.00 780.0 31 HT Stay Clamp.50x8 mm, flat 3.14 kg/Mtr.,0.551 Pair 2 162.50 130.0 32 HT Stay Clamp.50x8 mm, flat 3.14 kg/Mtr.,0.551 Pair 1 2 65.00 130.0 34 710 SWG Stay Wire , 15 Kg/stay KG 30 97.50 2925.0 35 GI Pipe for earthing 40mm	22	PVC Insulated (50 Mtr. Each Dtr.)	Mtr	50	55.24	2762.00
25 11 KV HG Fuse (200 Amp, 3 pole) Set 1 7956.00 7956.00 26 PG Clamp for 55 sq. mm AAAC No 6 624.00 3744.0 27 Disc insulator (B&S)70 KN polymer No 3 1495.00 4485.0 28 H W fitting (B&S)70 KN (Solited) Pair 3 455.00 1365.0 29 11 KV LA (12KV,10 KA)station class-2 No 3 4615.00 13845.6 30 11 KU V Complete) Set 2 1365.00 2730.0 31 HT Stay St(Complete) Set 2 1365.00 2730.0 32 HT Stay Clamp,50x8 mm , flat 3.14 kg/Mtr,0.551 Pair 2 162.50 322.0 33 HT Stay Insulator No. 2 65.00 1300.0 34 7/10 SWG Stay Wire , 15 Kg/stay KG 30 97.50 2295.0 35 GI Pipe for earthing 40mm dia 3mtr long No 7 1365.00 9955.0 36 GI Nut, Bolt & washers of different sizes Kg <	23		Mtr	15	479.61	7194.15
26 PG Clamp for 55 sq. nm AAAC No 6 624.00 3744.0 27 Disc insulator (B&S)70K N(3bolted) Pair 3 1495.00 4485.00 28 H W fitting (B&S)70K N(3bolted) Pair 3 451.00 11365.0 29 I KV LA (12KV,10 KA)station class-2 No 3 4615.00 13845.0 30 11 KV V IO KA)station class-2 No 3 260.00 780.0 31 HT Stay Set (Complete) Set 2 135.00 2730.0 32 Length , 2Nos. Pair 2 162.50 325.0 33 HT Stay Insulator No. 2 162.50 325.0 34 7/10 SWG Stay Wire , 15 Kg/stay KG 30 97.50 2925.0 36 GI Pipe for carthing 40mm dia 3mtr long No 7 1365.00 9555.0 37 GI barbed wire/Anticlimbing Device 25x3 mm ,flat, 0.59 Kg 2 101.40 2535.0 38 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Kg	24	11 KV AB switch (200 Amp, 3 pole)	Set	1	9555.00	9555.00
27 Disc insulator (B&S)70 KN polymer No 3 1495.00 4485.0 28 H W fitting (B&S)70KN(3bolted) Pair 3 465.00 1365.00 29 11 KV LA (12KV,10 KA)station class-2 No 3 4615.00 13845.0 30 11 KV Pin Insulator polymer type No 3 260.00 780.0 31 HT Stay Set (Complete) Set 2 1365.00 2730.0 32 Length, 2Nos. Pair 2 162.50 325.0 33 HT Stay Clamp,50x8 mm, flat 3.14 kg/Mtr.,0.551 Pair 2 162.50 325.0 34 7/10 SWG Stay Wire, 15 Kg/stay KG 30 97.50 2925.5.0 35 GI Pipe for earthing 40mm dia 3mtr long No 7 1365.00 9555.0 36 GI Nut, Bolt & washers of different sizes Kg 25 101.40 2535.0 37 GI barbed wire/Anticlimbing device No 6 104.00 624.0 38 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4	25	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	7956.00	7956.00
28 H W fitting (B&S)70KN(3bolted) Pair 3 455.00 1365.0 29 11 KV LA (12KV,10 KA)station class-2 No 3 4615.00 13845.0 30 11 KV Pin Insulator polymer type No 3 260.00 7780.0 31 HT Stay Set (Complete) Set 2 1365.00 2730.0 32 HT Stay Clamp,50x8 mm , flat 3.14 kg/Mtr.0.551 Pair 2 162.50 325.0 33 HT Stay Insulator No. 2 65.00 130.0 34 7/10 SWG Stay Wire , 15 Kg/stay KG 30 97.50 2225.0 35 GI Pipe for earthing 40mm dia 3mtr long No 7 1365.00 9555.0 36 GI Nut, Bolt & washers of different sizes Kg 25 101.40 2535.0 37 GI barbed wire/Anticlimbing Device 25x3 mm ,flat, 0 6 104.00 624.0 38 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) Kg 2.4072 97.50 58.6 40	26	PG Clamp for 55 sq. mm AAAC	No	6	624.00	3744.00
29 11 KV LA (12KV,10 KA)station class-2 No 3 4615.00 13845.0 30 11 KV Pin Insulator polymer type No 3 260.00 780.0 31 HT Stay Clamp.50x8 nm, flat 3.14 kg/Mtr,0.551 Set 2 1365.00 2730.0 32 HT Stay Clamp.50x8 nm, flat 3.14 kg/Mtr,0.551 Pair 2 162.50 325.0 33 HT Stay Insulator No. 2 65.00 130.0 34 7/10 SWG Stay Wire, 15 Kg/stay KG 30 97.50 2925.0 36 GI Pipe for earthing 40mm dia 3mtr long No. 7 1365.00 9255.0 36 GI Nut, Bolt & washers of different sizes Kg 2.5 101.40 2535.0 37 GI barbed wire/Anticlimbing Device 25x3 mm, flat, 0.59 Kg/Mtr, flat of 0.510 Mtr. Length 4 No 6 104.00 624.0 38 0.59 Kg/Mtr, flat of 0.510 Mtr. Length 1 Kg 2.4072 97.50 234.7 39 Danger plate Sxd 0.6018 97.50 58.6	27	Disc insulator (B&S)70 KN polymer	No	3	1495.00	4485.00
30 11 KV Pin Insulator polymer type No 3 260.00 780.0 31 HT Stay Set (Complete) Set 2 1365.00 2730.0 32 Lergh, 2Nos. Pair 2 162.50 325.0 33 HT Stay Clamp,50x8 mm, flat 3.14 kg/Mtr.,0.551 Pair 2 162.50 325.0 33 HT Stay Insulator No. 2 65.00 130.0 34 7/10 SWG Stay Wire, 15 Kg/stay KG 30 97.50 2225.0 36 GI Nut, Bolt & washers of different sizes Kg 25 101.40 2535.0 37 GI barbed wire/Anticlimbing device No 6 104.00 624.0 8 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 No 6 104.00 208.0 9 Danger plate Kg 2 104.00 208.0 40 Kg/Mtr., flat of 0.510 Mtr. Length 1 No 1 104.00 104.0 Nos=(1x0.59x0.510) Kg 0.6018 97.50 58.6 </td <td>28</td> <td>H W fitting (B&S)70KN(3bolted)</td> <td>Pair</td> <td>3</td> <td>455.00</td> <td>1365.00</td>	28	H W fitting (B&S)70KN(3bolted)	Pair	3	455.00	1365.00
31 HT Stay Set (Complete) Set 2 1365.00 2730.0 32 HT Stay Clamp,50x8 mm, flat 3.14 kg/Mtr.,0.551 Length, 2Nos. Pair 2 162.50 322.0 33 HT Stay Insulator No. 2 65.00 130.0 34 7/10 SWG Stay Wire, 15 Kg/stay KG 30 97.50 2925.0 35 GI Pipe for earthing 40mm dia 3mtr long No 7 1365.00 9555.0 36 GI Nut, Bolt & washers of different sizes Kg 25 101.40 2335.0 37 GI barbed wire/Anticlimbing Device No 6 104.00 624.0 Back clamp for Anticlimbing Device X3 mm, flat, 0 59 Kg 2 104.00 208.0 38 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Kg 2 104.00 208.0 40 Kg/Mtr., flat of 0.510 Mtr. Length 1 No 1 104.00 104.0 41 Name Plate No 1 104.00 104.00 104.00 42	29	11 KV LA (12KV,10 KA)station class-2	No	3	4615.00	13845.00
32 HT Stay Clamp,50x8 mm , flat 3.14 kg/Mtr.,0.551 Length , 2Nos. Pair 2 162.50 325.0 33 HT Stay Insulator No. 2 65.00 130.0 34 7/10 SWG Stay Wire , 15 Kg/stay KG 30 97.50 2925.0 36 GI Pipe for earthing 40mm dia 3mtr long No 7 1365.00 9555.0 36 GI Nut, Bolt & washers of different sizes Kg 25 101.40 2535.0 37 GI barbed wire/Anticlimbing device No 6 104.00 624.0 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 97.50 234.7 39 Danger plate Kg 2 104.00 208.0 208.0 40 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) Kg 0.6018 97.50 58.6 41 Name Plate No 1 104.00 104.2 42 Yellow colour paint for Background Ltr 2 21	30	11 KV Pin Insulator polymer type	No	3	260.00	780.00
3.2 Length , 2Nos. Pair 2 162.50 325.0 33 HT Stay Insulator No. 2 65.00 130.0 34 7/10 SWG Stay Wire , 15 Kg/stay KG 30 97.50 2925.0 35 GI Pipe for earthing 40mm dia 3mtr long No 7 1365.00 9555.0 36 GI Nut, Bolt & washers of different sizes Kg 25 101.40 2233.0 37 GI barbed wire/Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510) Kg 2.4072 97.50 234.7 39 Danger plate Kg 2 104.00 208.0 40 Ksg/Mtr., flat of 0.510 Mtr. Length 4 Kg 0.6018 97.50 58.6 9 Danger plate Kg 0.6018 97.50 58.6 41 Name Plate No 1 104.00 104.00 42 Yellow colour paint for numbering Ltr 1 286.00 286.0 43 Black colour paint for numbering	31	HT Stay Set (Complete)	Set	2	1365.00	2730.00
33 HT Stay Insulator No. 2 65.00 130.0 34 7/10 SWG Stay Wire , 15 Kg/stay KG 30 97.50 2225.0 35 GI Pipe for earthing 40mm dia 3mtr long No 7 1365.00 9555.0 36 GI Nut, Bolt & washers of different sizes Kg 25 101.40 2535.0 37 GI barbed wire/Anticlimbing device No 6 104.00 624.0 Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 0.50 Kg/Mtr., flat of 0.50 Mtr. Length 1 0.50 Kg/Mtr., flat of 0.510 Mtr. Length 1 0.50 Kg/Mtr., flat of 0.510 Mtr. Length 1 0.50 Kg/Mtr.,	32		Pair	2	162.50	325.00
35 GI Pipe for earthing 40mm dia 3mtr long No 7 1365.00 9555.0 36 GI Nut, Bolt & washers of different sizes Kg 25 101.40 2535.0 37 GI barbed wire/Anticlimbing device No 6 104.00 624.0 Back clamp for Anticlimbing Device 25x3 mm ,flat, Nos=(4x0.59x0.510) Kg 2.4072 97.50 234.7 39 Danger plate Kg 2 104.00 208.0 Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg 2.4072 97.50 284.7 40 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) Kg 0.6018 97.50 58.6 41 Name Plate No 1 104.00 104.0 42 Yellow colour paint for Background Ltr 2 216.00 432.0 43 Black colour paint for numbering Ltr 1 286.00 286.0 44 Name Plate Stock, Storage & Insurance @ 3% of A 6,008.00 45 Back colour paint for numbering Ltr	33		No.	2	65.00	130.00
35 GI Pipe for earthing 40mm dia 3mtr long No 7 1365.00 9555.0 36 GI Nut, Bolt & washers of different sizes Kg 25 101.40 2535.0 37 GI barbed wire/Anticlimbing device No 6 104.00 624.0 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 97.50 234.7 39 Danger plate Kg 2 104.00 208.0 40 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) Kg 0.6018 97.50 58.6 41 Name Plate No 1 104.00 104.0 42 Yellow colour paint for Background Ltr 2 216.00 432.0 43 Black colour paint for numbering Ltr 1 286.00 286.0 44 Name Plate No 1 104.00 104.0 43 Black colour paint for numbering Ltr 1 286.00 286.0 5 E	34	7/10 SWG Stay Wire, 15 Kg/stay	KG	30	97.50	2925.00
37 GI barbed wire/Anticlimbing device No 6 104.00 624.0 Back clamp for Anticlimbing Device 25x3 mm ,flat, Nos=(4x0.59x0.510) Kg 2.4072 97.50 234.7 38 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510) Kg 2 104.00 208.0 40 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) Kg 0.6018 97.50 58.6 41 Name Plate No 1 104.00 104.00 42 Yellow colour paint for Background Ltr 2 216.00 432.0 43 Black clour paint for numbering Ltr 1 286.00 286.0 44 Name Plate No 1 104.00 104.00 43 Black colour paint for numbering Ltr 1 286.00 286.00 44 Name Plate Contigency @ 3% of A 6,008.00 6,008.00 44 Name Plate Etrection Charges @ 10% of C 3,654.55 45 Contigency @ 3% of C 6,008.00 6,008.00 6,008.00 46 Contigency @ 2% of C 3,654.55 6	35		No	7	1365.00	9555.00
37 GI barbed wire/Anticlimbing device No 6 104.00 624.0 Back clamp for Anticlimbing Device 25x3 mm ,flat, Nos=(4x0.59x0.510) Kg 2.4072 97.50 234.7 38 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510) Kg 2 104.00 208.0 40 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) Kg 0.6018 97.50 58.6 41 Name Plate No 1 104.00 104.00 42 Yellow colour paint for Background Ltr 2 216.00 432.0 43 Black clour paint for numbering Ltr 1 286.00 286.0 44 Name Plate No 1 104.00 104.00 43 Black colour paint for numbering Ltr 1 286.00 286.00 44 Name Plate Contigency @ 3% of A 6,008.00 6,008.00 44 Name Plate Etrection Charges @ 10% of C 3,654.55 45 Contigency @ 3% of C 6,008.00 6,008.00 6,008.00 46 Contigency @ 2% of C 3,654.55 6	36	GI Nut, Bolt & washers of different sizes	Kg	25	101.40	2535.00
38 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510) Kg 2.4072 97.50 234.7 39 Danger plate Kg 2 104.00 208.0 40 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) Kg 0.6018 97.50 58.6 41 Name Plate No 1 104.00 104.00 42 Yellow colour paint for Background Ltr 2 216.00 432.0 43 Black colour paint for numbering Ltr 1 286.00 286.0 A	37	GI barbed wire/Anticlimbing device		6	104.00	624.00
Nos=(4x0.59x0.510) Kg 2.4072 97.50 234.7 39 Danger plate Kg 2 104.00 208.0 Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg 2 104.00 208.0 40 Kg/Mtr., flat of 0.510 Mtr. Length 1 Kg 0.6018 97.50 58.6 41 Name Plate No 1 104.00 104.00 42 Yellow colour paint for Background Ltr 2 216.00 432.0 43 Black colour paint for numbering Ltr 1 286.00 286.0 A	38	Back clamp for Anticlimbing Device 25x3 mm, flat,				
Back clamp for Danger Plate 25x3 mm ,flat, 0.59 C C 40 Kg/Mtr., flat of 0.510 Mtr. Length 1 Kg 0.6018 97.50 58.6 41 Name Plate No 1 104.00 104.0 42 Yellow colour paint for Background Ltr 2 216.00 432.0 43 Black colour paint for numbering Ltr 1 286.00 286.0 A A A A. Sub total 2,00,266.65 B B B B. Stock, Storage & Insurance @ 3% of A 6,008.00 C Sub Total (C=A+B) 2,06,274.65 D D T& P @ 2% of C 3,654.59 E Contigency @ 3% of C 6,188.24 F Transportation @ 7.5% of C 15,470.60 G Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @ 3% 3,055.08 3,055.08 H Erection Charges @ 10% for other materials 11,761.00			Kg	2.4072	97.50	234.70
40 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) Kg 0.6018 97.50 58.60 41 Name Plate No 1 104.00 104.00 42 Yellow colour paint for Background Ltr 2 216.00 432.00 43 Black colour paint for numbering Ltr 1 286.00 286.00 A	39	Danger plate	Kg	2	104.00	208.00
Nos=(1x0.59x0.510) Kg 0.6018 97.50 58.6 41 Name Plate No 1 104.00 104.00 42 Yellow colour paint for Background Ltr 2 216.00 432.0 43 Black colour paint for numbering Ltr 1 286.00 286.00 A Mose A. Sub total 2,00,266.65 B B Stock, Storage & Insurance @ 3% of A 6,008.00 C Sub Total (C=A+B) 2,06,274.65 2,06,2	40					
41 Name Plate No 1 104.00 104.0 42 Yellow colour paint for Background Ltr 2 216.00 432.0 43 Black colour paint for numbering Ltr 1 286.00 286.0 A A A. Sub total 2,00,266.65 2,00,266.65 B B B. Stock, Storage & Insurance @ 3% of A 6,008.00 C Sub Total (C=A+B) 2,06,274.65 D T&P @ 2% of C 3,654.59 E Contigency @ 3% of C 6,188.24 F Transportation @ 7.5% of C 15,470.60 G Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @ 3% 3,055.08 H Erection Charges @ 10% for other materials 11,761.00		e	Kg	0.6018	97.50	58.68
42 Yellow colour paint for Background Ltr 2 216.00 432.0 43 Black colour paint for numbering Ltr 1 286.00 286.0 A A A. Sub total 2,00,266.65 2,00,266.65 B B B. Stock, Storage & Insurance @ 3% of A 6,008.00 C Sub Total (C=A+B) 2,06,274.65 D T&P @ 2% of C 3,654.59 E Contigency @ 3% of C 6,188.24 F Transportation @ 7.5% of C 15,470.60 G Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @ 3% 3,055.08 H Erection Charges @ 20% on PSC Poles 803.40 I Erection Charges @ 10% for other materials 11,761.06	41			1	104.00	104.00
43 Black colour paint for numbering Ltr 1 286.00 286.00 A A. Sub total 2,00,266.65 B B. Stock, Storage & Insurance @ 3% of A 6,008.00 C Sub Total (C=A+B) 2,06,274.65 D T&P @ 2% of C 3,654.55 D T&P @ 2% of C 3,654.55 Contigency @ 3% of C 6,188.24 F Contigency @ 3% of C 15,470.60 3,055.08 G Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% 3,055.08 H Erection Charges @ 20% on PSC Poles 803.40 I Erection Charges @ 10% for other materials 11,761.06				2		432.00
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BB. Stock, Storage & Insurance @ 3% of A6,008.00CSub Total (C=A+B)2,06,274.65DT&P @ 2% of C3,654.59EContigency @ 3% of C6,188.24FTransportation @ 7.5% of C15,470.60GErection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @ 3%3,055.08HErection Charges @ 20% on PSC Poles803.40IErection Charges @ 10% for other materials11,761.06			l	1		
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FTransportation @ 7.5% of C15,470.60GErection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @ 3%3,055.08HErection Charges @ 20% on PSC Poles803.40IErection Charges @ 10% for other materials11,761.06						
GErection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%3,055.08HErection Charges @ 20% on PSC Poles803.40IErection Charges @ 10% for other materials11,761.00						
H Erection Charges @ 20% on PSC Poles 803.40 I Erection Charges @ 10% for other materials 11,761.00		Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance				3,055.08
	Н					803.40
Y	I	Erection Charges @ 10% for other materials				11,761.06
Totall 3 47 307 43	J	Total			2,47,207.62	

44	Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	Cum	0.9	6500.00	5850.00
45	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.113 Cu. Mtr.	Cum	0.226	6500.00	1469.00
46	Fixing of stay set with 0.5 cum cement concret 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
47	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
48	Laying of 4Cx95 sq. mm LT XLPE cable	Mtr	15	46.80	702.00
49	Supply and Erection of GI fencing with Gate	Sq. Mtr.	15	3600.00	54,000.00
50	Concreting Ratio 1:1:5:3(500 mmx500mmx1500 mm)=0.375 Cu. Mtr.(For PSC Pole)	Cum	0.375	6500.00	2437.50
-					94,858.50
				Sub total Rs	3,42,066.12
	Dismantling charges for Line & S/S(as per Estimate)	No	1	29867.19	29867.19
	Total Rs.				11,29,229.60
	Cess @1%				11,292.30
	Total Estimated Cost				11,40,521.90
	Total Estimated Cost in Figures				11,40,522.00
EXCESS	LESS (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/-DM (Elect) I/C

Sd/-Project Manager(Elect.)