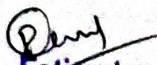


BILL OF QUANTITY FOR UN-ELECTRIFIED VILLAGE- TETLIABAHAL

Sl. No.	Description of Material	Unit	Quantity	Name of materials	Unit	Quantity	Rate	Amount	Total Amount
1	Cost of 8 mtr long 200 Kg PSC Pole	Nos	30	Cost of 8 mtr long 200 Kg PSC Pole	Nos	30	2360.00	70800.00	551650.00
2	cost of 9 mtr long 300 kg pole	Nos	107	cost of 9 mtr long 300 kg pole	Nos	107	3540.00	378780.00	
3	Cost of 63 KVA Transformer	Nos	1	Cost of 63 KVA Transformer	No.	1	102070.00	102070.00	
4	Cost of DP mounted, 11/0.4 KV, S/S using 9mtr long 300 kg psc pole with double disc arrangement for 63 KVA Transformer (except cost of pole & Transformer)	Nos	1	Pressure Channel 100X50X6mm. 2.8mtr. Long 2Nos. (9.2kg./mtr.)	Kg.	51.52	76.70	3951.58	118227.74
5			1	Transformer mounting Channel 100x50x6mm. 2.8mtr. Long 2nos. (9.2kg./mtr.)	Kg.	51.52	76.70	3951.58	
6			1	A/B switch and H.G. Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76.16	76.70	5841.47	
7			1	Cantilever Channel for supporting A/B switch and HG fuse arm 75x40x6mm. 1.5mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	40.8	76.70	3129.36	
8			1	Angle for cantilever arrangement for A/B switch & H.G. fuse 50x50x6mm. 1.5mtr Each, 4Nos. (4.5Kg/mtr.)	Kg.	27	76.70	2070.90	
9			1	Transformer belting 50x50x6mm. angle - 2.8mtr. Long, 2Nos. (4.5Kg./mtr.) with side angle (Total 7 mtrs)	Kg.	31.5	76.70	2416.05	
10			1	Angle for mounting L.T. Distribution box 50x50x6mm.- 2.5mtr. Long. 2Nos. (4.5Kg./mtr.)	Kg.	22.5	76.70	1725.75	
11			1	75x40x6 mm Channel 1.5 mtr. Long 1 No. (6.8 kg/mtr) for supporting of AB Switch handel.	Kg.	10.2	76.70	782.34	
12			1	11KV Disc Insulator (T & C)	No.	6	342.20	2053.20	
13			1	11KV H/W Fitting (T & C Type)	No.	3	153.40	460.20	
14			1	11KV A/B Switch 3 pole.	Set	1	13983.00	13983.00	
15			1	11KV H/G Fuse 3pole	Set	1	13605.40	13605.40	
16			1	11KV Lightning Arrestor	No.	3	4189.00	12567.00	
17			1	H.T. Stay set complete	No.	2	1239.00	2478.00	
18			1	HT Stay Insulator	No.	2	59.00	118.00	
19			1	HT Stay Clamp	Pair	2	147.50	295.00	
20			1	7/10 SWG Staywire	Kg.	20	88.50	1770.00	
21			1	G.I. Pipe Earthing, 40mm. Dia medium gauge 2.5mtr. Long.	No.	3	1239.00	3717.00	
22			1	Earthing of support (Coil type)	Kg.	2	195.88	391.76	
23			1	No. 6 G.I. wire for Earthing	No.	20	88.50	1770.00	
24			1	Concrete materials for stay Anchor Plate	No.	2	1180.00	2360.00	



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25			1	Padding & Concreting material for support.	No.	2	2575.94	5151.88	
26			1	Material for masonry work for earth pit	No.	3	472.00	1416.00	
27			1	Charcoal, Salt etc. for earthing.	No.	3	531.00	1593.00	
28			1	Clamp, Connector & Jumpering material.	L.S.	L.S.	708.00	708.00	
29			1	G.I. Bolts, Nuts & Washers.	Kg.	36	92.04	3313.44	
30			1	sundries (Aluminium Binding tap, insulating tap, fencing metal spreading, Anticlimbing device, Paint. Danger Board ect.)	L.S.	L.S.	2360.00	2360.00	
31			1	L.T. distribution box with MCCB and busbar arrangement.	No.	1	21619.96	21619.96	
32			1	L.T. 3½core PVC Cable:9mtrs. 35mm.sq. for 25KVA @ 179.36/-mtrs. 50mm.sq. for 63KVA @ 239.54/-mtr. 95mm.sq. for 100KVA @ 392.94/-mtr.			2155.86	2155.86	
33			1	Socket & other Cable Accessories.	L.S.		472.00	472.00	
34	Cost for 3-Ph. 11KV line DP on 9mtr x300 kg psc pole with double disc arrangement(Except 1 cost of pole)	Nos	4	11KV G.I. Pin	No.	12	94.40	1132.80	150326.34
35			4	11KV Pin insulator	No.	12	94.40	1132.80	
36			4	Top channel 100x50x6mm.2.8mtr. Long,Nos.(9.2kg./mtr.)	Kg.	206.08	76.70	15806.34	
37			4	Bracing Channel 75x40x6mm.-2x3mtr. Long, (6.8Kg./mtr.)	Kg.	163.2	76.70	12517.44	
38			4	Bracing angle 50x50x6mm.-2x4mtr. Long, (4.5Kg./mtr.)	Kg.	144	76.70	11044.80	
39			4	11KV Disc Insulator (T&C Type)	No.	48	342.20	16425.60	
40			4	11KV H/W Fitting (T&C Type)	No.	24	153.40	3681.60	
41			4	H.T Stay Set Complete	No.	16	1239.00	19824.00	
42			4	Stay Insulator	No.	16	59.00	944.00	
43			4	Stay Clamp	Pair	16	147.50	2360.00	
44			4	Earthing of Support (Coil type)	No.	8	195.88	1567.04	
45			4	G.I. Nuts, bolt & Washer	Kg.	40	92.04	3681.60	
46			4	Clamp for bracing Channel	Kg.	24	76.70	1840.80	
47			4	7/10 SWG G.I. Stay wire	Kg.	160	88.50	14160.00	
48			4	Concrete material for Stay Anchor Plate	No.	16	1180.00	18880.00	
49			4	Padding & Concreting material for support	No.	8	2575.94	20607.52	
50			4	Sundries (Anticlimbing device, Paint. Danger Board ect.)	LS	4	1180.00	4720.00	
51	Cost of Erection of one no. Single Pole cut point with double disc arrangement of 3-ph.3wire 11KV Overhead line on	Nos	6	75x40x6mm. Channel for Straight Cross-arm(1.2mtr.X 4nos.)	Kg.	195.84	76.70	15020.93	152224.25
52			6	11KV T&C Disc Insulator	No.	72	342.20	24638.40	
53			6	11KV T&C Hardware Fitting	No.	36	153.40	5522.40	
54			6	11KV Pin Insulator	No.	18	94.40	1699.20	
55			6	11KV G.i Pin	No.	18	94.40	1699.20	
56			6	H.T. Stay Set Complete	No.	24	1239.00	29736.00	
57			6	HT Stay Insulator	No.	24	59.00	1416.00	
58			6	Stay clamp	Kg.	24	147.50	3540.00	
59			6	7/10 SWG Stay Wire	Kg.	240	88.50	21240.00	

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Brajrajnagar Electrical Division

60	9mtr PSC Pole(except cost of pole)		6	G.I. Nuts, bolt & Washer	Kg.	30	92.04	2761.20	
61			6	Concrete material for Stay Anchor Plate	No.	24	1180.00	28320.00	
62			6	Padding & Concreting material for support	No.	6	2575.94	15455.64	
63			6	Earthing of support (Coil Type)	No.	6	195.88	1175.28	
64	Cost of materials for 1Km. Of 11KV. Line with 9 mtr 300 KG PSC Pole for Pin Point and 2nos. DP cut point of double disc arrangement with 55 mm ² AAAC (Except cost of pole)	km	6.5	55mm ² AAAC Conductor.	Km.	20.09	35400.00	711009.00	1508044.55
65			6.5	11 KV V- Cross Arm (MS) (10.2 Kg each)	No.	78	955.80	74552.40	
66			6.5	Back Clamp for 'V' Cross Arm (1.7kg)	No.	78	94.40	7363.20	
67			6.5	11 KV F Clamp 2.9 Kg. each	No.	78	283.20	22089.60	
68			6.5	11KV Disc Insulator (T & C)	No.	195	342.20	66729.00	
69			6.5	11KV H/W Fitting (T & C Type)	No.	98	153.40	15033.20	
70			6.5	11KV Pin Insulator	No.	273	94.40	25771.20	
71			6.5	11KV GI Pin	No.	273	94.40	25771.20	
72			6.5	H.T.Stay set complete	No.	65	1239.00	80535.00	
73			6.5	Stay Insulator	No.	65	59.00	3835.00	
74			6.5	Stay Clamp	Pair	65	147.50	9587.50	
75			6.5	7/10 SWG Staywire	Kg.	650	88.50	57525.00	
76			6.5	Earthing of support (Coil Type)	No.	91	195.88	17825.08	
77			6.5	Concrete materials for stay anchor plate.	No.	65	1180.00	76700.00	
78			6.5	Padding and concreting materials for support	No.	91	2575.94	234410.54	
79			6.5	G.I. Nuts, bolt & Washer	Kg.	214.5	92.04	19742.58	
80			6.5	75X40X6mm. Channel for straight cross arm (1.2mtr. X 12nos.)	Kg.	636.48	76.70	48818.02	
81	6.5	Sundries (Paint, danger Board, Clamp, Connectors, Anticlimbing device, Binding Tape, etc.)	L.S.	6.5	1653.39	10747.04			
82	Cost of 1Km. Of 3-ph 50mm ² . AB Cable on 8mtr. X 200Kg. PSC Pole for LT line (30mtr. Span)	Km	0.9	Arial Bunch Conductor (ABC) with 3x50mm.sq.(for Phase)+1x 55mm.sq. Catenary (Neutral)+1x16mm.sq.(Street Light Phase)for 3-Phase 5-wire LT Overhead line.	Km.	0.954	165200.00	157600.80	367689.18
83			0.9	Pole Clamp for AB Cable	Pair	30	236	7080.00	
84			0.9	Dead end Clamp (For ABC)	Nos.	4	76.7	306.80	
85			0.9	Suspension Clamp with Eye Hook for AB Cable	Nos.	30	401.2	12036.00	
86			0.9	Neutral Connector Type B	Nos.	18	38.94	700.92	
87			0.9	LT Stay Set	Nos.	7	613.60	4295.20	
88			0.9	7/12SWG Stay wire	Kg.	43.2	88.50	3823.20	
89			0.9	LT Stay Clamp (1.40 Kg./Pair)	Pair	7	129.80	908.60	
90			0.9	LT Stay Insulator	Nos.	7	35.40	247.80	
91			0.9	Earthing Coil	Nos.	30	195.88	5876.40	
92			0.9	No.8G.I.wire for earthing	Kg.	15	88.50	1327.50	
93			0.9	G.I. Nut & Bolts(Assorted size)	Kg.	14	92.04	1288.56	
94			0.9	Piercing Connector	Nos.	18	94.40	1699.20	
95			0.9	Service Connection Distribution box (8 way)	Nos.	18	4720.00	84960.00	
96			0.9	Concreting of Stay	Nos.	7	1180.00	8260.00	
97	0.9	Padding & Concreting material for support.	Nos.	30	2575.94	77278.20			


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Brajrajnagar Electrical Division

98	11KV A/B Switch 3Pole (400Amp)	NO	1	11KV A/B Switch 3Pole (400Amp)	NO	1	13983.00	13983.00	13983.00
Total									2862145.22

(Rupees twenty eight lakh sixty two thousand one hundred forty five only)

Or Say 28,62,145.00

My quoted rate is

.....
figure & word) Excess over / Less than / Equal to above estimated
cost.

Note

- 1 The Contractor should not write anything except quoting of percentage and incase of anything regarding tender.
- 2 Strick out which are not applicable.

Total :- 98 (ninety Eight) Items only

No. of correction :-


No.of overwriting :-


No. of Interpolation :-

Approved for 98 (ninety Eight) Items only

Full signature of the Contractor with date.


Executive Engineer (Elect.)
TPWODL, BNED Brajrajnagar
TPWODL
Brajrajnagar Electrical Division


Junior Engineer
Lakhanpur Block


Assistant Executive Engineer
Lakhanpur Block


Block Development Officer
Lakhanpur Block