

OFFICE OF THE JUNIOR ENGINEER (O&M)
JDVVNL, MANDA

A FINANCIAL & TECHNICAL JUSTIFICATION REPORT

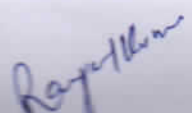
PARTICULAR - ELECTRIFICATION OF BHABAN VILLAGE

LOCALITY - BHABAN(JINJARDI)

LINE DIAGRAM - ENCLOSED HERE WITH SEPARATE SHEET

ESTIMATE COST

S. NO.	PARTICULARS	WORK INVOLVED	AMOUNT INVOLVED
1	11 KV LINE	4.6KM	778710
2	LT LINE	1.3KM	107325
3	11/0.25 KV T/F	2*25 KVA (1Q)	249216
<u>NET AMOUNT</u>			1135251


ASSISTANT ENGINEER (O&M)
JODHPUR DISCOM SOJAT ROAD


JUNIOR ENGINEER (O&M)
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JODHPUR VIDYUT VITRAN NIGAM LIMITED MANDA

ESTIMATE OF ERECTION T/F 2*25 KVA SINGLE PHASE

S. No.	Particulars of Material	Units	Quantity	Rate	Amount
1	PCC POLE 8 METRE LONG	Nos.	2	1908.48	3816.96
2	11 KV WITH PI HORNAGE FUSE SINGLE PHASE	Set.	2	1541.33	3082.66
3	S/S STRUCTURE SINGLE PHASE T/F	Set.	2	1094.90	2189.80
4	LIGHTING ARRESTER	NOS.	2	609.42	1218.84
5	EARTHING ROD	Nos.	6	525.77	3154.62
6	11 KV STAY INSULATOR	Nos.	4	23.08	92.32
7	25KVA T/F SINGLE PHASE	Nos.	2	#####	169258.06
8	STAY CLAMP 8 MTR PCC POLE	Set.	4	103.28	413.12
9	11 GI STAY SET 16*1800 MM	Nos.	4	470.35	1881.40
10	11 KV STAY WIRE 7/10 SWG	Kg.	30	59.09	1772.70
11	11 KV TOP HAPER WITH CLAMP	Set.	2	249.77	499.54
12	11 KV PIN INSULATOR WITH PIN	Nos.	2	100.33	200.66
13	11 KV DISC INSULATOR WITH HARDWARE (T & C)	Nos.	2	370.59	741.18
14	ACSR Weasel Conductor	Mtrs.	10	22.60	226.00
15	M.S. NUT & BOLT	Kg.	20	77.59	1551.80
16	MISC.				0.00
Total					190095.66
Add- Over Head Charges 10%					19009.57
TOTAL					209105.23
FOREST CLEARANCE CHARGES 1%					2091.05
TOTAL					211200.73
GST CHARGE 18%					38016.00
Grand Total					249216.73
SAY RS.					249216 /-

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ERRECTION OF 11 KV SINGLE PHASE LINE 4.6 KM FOR BHABAN VILLAGE

S. No.	Particulars of Material	Units	Quantity	Rate	Amount
1	PCC POLE 8 METRE LONG	Nos.	80	1908.48	152678.40
2	PCC POLE 9 MTR LONG	NOS.	0	3010.70	0.00
3	CUT POINTR CHANNEL	Kg.	6	52.53	315.18
4	ACSR Weasel Conductor	MTS	4600	22.60	103960.00
5	11 KV DISC INSULATOR WITH HARDWARE (T & C)	Nos.	12	370.59	4447.08
6	11 KV PIN INSULATOR WITH PIN	Nos.	160	100.33	16052.80
7	STAY CLAMP 8 MTR PCC POLE	Nos.	35	103.28	3614.80
8	G.I. STAY SET 16*100 MM	Nos.	35	620.41	21714.35
9	V CROSS ARM WITH TOP	Nos.	74	470.35	34805.90
10	G.I. STAY WIRE 7/10 S.W.G.	Kg.	350	683.17	239109.50
11	11 KV STAY INSULATOR	Nos.	35	59.69	2089.15
12	G.I. EARTH WIRE	MTS	400	23.08	9232.00
13	M.S. NUT & BOLT	Kg.	80	71.70	5736.00
14	EXTENSION BRACKET	Nos.	3	77.59	232.77
15	MISC.				
Total					593987.93
Add- Over Head Charges 10%					59398.79
TOTAL					653386.72
FOREST CLEARANCE CHARGES 1%					6533.87
TOTAL					659920.59
GST CHARGE 18%					118785.60
Grand Total					778706.19
SAY RS.			778710 /-		

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ERRECTION OF SINGLE PHASE LT LINE 1.3 KM FOR BHABAN VILLAGE

S. No.	Particulars of Material	Units	Quantity	Rate	AMOUNT
1	PCC POLE 8 METRE LONG	Nos.	11	3010.70	33117.7
2	ACSR Weasel Conductor	Mtrs.	1300	22.60	29380
3	LT CROSS ARM SET 4 FEET LONG	Nos.	16	358.47	5735.52
4	LT CROSS ARM SET 2 FEET LONG	Nos.	0	203.14	0
5	LT PIN INSULATOR WITH PIN	Nos.	24	56.91	1365.84
6	LT SHACKLE INSULATOR WITH H/W	Nos.	40	58.98	2359.2
7	AB CABLE 3C 25+25	Nos.	0	86.78	0
8	AB CABLE 1C 25+25	Nos.	0	40.45	0
9	DEAD END CLAMP	Nos.	0	365.83	0
10	SUSPENSION CLAMP	Nos.	0	305.90	0
11	STAY CLAMP 8 MTR PCC POLE	Nos.	7	103.28	722.96
12	11 GI STAY SET 16*1800 MM	Nos.	7	470.35	3292.45
13	11 KV STAY WIRE 7/10 SWG	KG	70	59.69	4178.3
14	11 KV STAY INSULATOR	Nos.	7	23.08	161.56
15	M.S. NUT & BOLTS	KG	20	77.59	1551.8
16	MISC.				
	Total				81865.33
	Add- Over Head Charges 10%				8186.53
	TOTAL				90051.86
	FOREST CLEARANCE CHARGE 1%				900.51
	TOTAL				90952.37
	GST 18%				16371.36
	Grand Total				107323.73
	SAY RS.		107325		

Ry 7/10/20
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