

DWARF/MEDICINAL PLANTATION MODEL UNDER COMPENSATORY AFFORESTATION PROJECT FOR HIGH VOLTAGE TRANSMISSION POWER LINE OF 46 METER WIDTH

1	UNIT-5 (1.1Km length of Transmission Line) -		5	Wage Rate-213 Per day				
2	No. of Plants/Ha.-625 Dwarf Plants& 1375 Medicinal Plants		6	Period- 0 year +11 years				
3	Spacing-4x4 Mt. Dwarf Plants& 2x2 Mt. Medicinal Plants		7	Model Cost per Ha. Rs 563444				
4	Unit for Model Calculation-1 Ha.							
S.N.	Item of Work	BSR Item. No.	Qty.	Unit	Rate in Rs.	Labour Rs.	Material Rs.	Total Rs.
Year 0 ADVANCE WORK								
1	Survey, demarcation and layout	2.1.1C10:C 20	1	Ha.	119	119	0	119
2	Dividing area in subplots, their marking on ground & preparation of map		1	Ha.	193	193	0	193
3	Layout for excavation of pits	2.1.3	2000	Nos.	0.79	1580	0	1580
4	Digging of pits							
	(i) 0.45x0.45x0.45 cm. Hard Soil upto 10% boulders	4.1.3	625	Nos.	12.45	7781	0	7781
	(ii) 0.30x0.30x0.30 cm. Hard Soil upto 10% boulders	4.1.3	1375	Nos.	3.98	5472	0	5472
5	Construction of loose stone check dam in nallahs lead upto 200 m.	3.5.1	50	Cum	242.14	12107	0	12107
6	Construction of thatched cattle guard hut (one time L.S.)	-	Prorata	-	-	0	8025	8025
7	Purchase of tools & plants (one time L.S.)	-	Prorata	-	-	0	1070	1070
8	Purchase of water storage tank (one time L.S.)	-	Prorata	-	-	0	5350	5350
9	Purchase of sign board and its fixing (one time L.S.)	-	Prorata	-	-	0	535	535
10	Miscellaneous & unforeseen exp.	-		-	-	0	3826.32	3826.32
TOTAL						27252	12806.3	46058.3

आरक्षक अधिकारी
 जल संसाधन (प्रशासन)
 जल संचयन एवं संरक्षण
 पी. आर. ई. ई. राज., जयपुर
 कोड सं. 19337

(Priya Ranjan)
 (प्रियंका रंजन)
 मुख्य वन सहायक (आवधिकार)
 राजस्थान जयपुर

S.N.	Details of Activities	1st Year Operation (Planting year)						
			Qty.	Unit	Rate	Labour	Material	Amount
1	Purchase of medicinal/dwarf plants and transportation upto planting site		2200	Nos.	20	0	47080	47080
2	Treatment of pit soil with insecticide	8.4.1	2000	Nos.	0.45	900	0	900
3	Local transport and planting of Plants (in bags size 15x22.5) with treatment & initial watering.	8.4.3.2.2 + 8.5.1.3 + water	2000	Nos.	15.26	30520	0	30520
4	Making of crescent shaped thanwala, having 45 cm radius, around planted plants in stony hilly areas	8.4.4.3	2000	Nos.	7.69	15380	0	15380
5	Fertilizer application urea dose 2 time	8.4.4.5	4000 (2000x2)	Nos.	0.45	1800	0	1800
6	Purchase of fertilizer for plants	-	Prorata	-	-	0	2140	2140
7	Weeding and Hoeing of plants in plantations (in 45 cm radius and 15 cm depth) hard and bouldary soils 2 times	8.6.1.2	4000 (2000x2)	Nos.	4.35	17400	0	17400
8	Watering 3 times except rainy season 30 lit. per plants	8.5.1.3	6000 (2000x3)	Nos.	5.14	30840	0	30840
9	Purchase of water @ 300/tanker of 3000 lit.	-	30	Tanker	300	0	9630	9630
10	Hoeing of plants after every watering	8.6.2	6000 (2000x3)	Nos.	2.33	13980	0	13980
11	Purchase of Insecticide	-	Prorata	-	-	0	3210	3210
12	Watch & Ward for 12 month @ 5538/month (one C.G. for 5 ha.)	-	12 month	Month	1107.6	13291	0	13291
13	Miscellaneous exp.	-	-	-	-	0	9030.8	8440
	TOTAL					124111	71090.8	194611

(Sudhir Jain) संरक्षक (प्र)
DCF (Plan) मुख्य वन अधिकारी
कोटा सं. 1

(Priya Ranjar)
CCF (Plan)
(प्रिय रंजन)
मुख्य वन संरक्षक (आवक) का
राजस्थान सरकार

Details of Activities		2nd Year Operation (1st year Maintenance)					
		Qty.	Unit	Rate	Labour	Material	Amount
1	Casualty replacement-20%					0	
	(a) Cost of Plants	-	440	Nos.	20.00	0	9416
	(b) Redigging of pits					0	
	(i) 0.45x0.45x0.45 Mt.	-	125	Nos.	6.52	815	0
	(ii) 0.30x0.30x0.30 Mt.	-	275	Nos.	1.96	539	0
	(c) Local transport and planting of plants (in bags size 15x22.5) with treatment & initial watering.	8.4.3.2.2 + 8.5.1.3 + water	400	Nos.	15.26	6104	0
	(d) soil treatment	8.4.1	400	Nos.	0.45	180	0
2	Weeding and Hoeing of plants in 2 times	8.6.1.2	4000 (2000x2)	Nos.	4.35	17400	0
3	Watering of Plants 4 times	8.5.1.3	3000	Nos.	5.14	11120	0
4	Hoeing of plants after each watering (4 times)	8.6.2	8000 (2000x4)	Nos.	2.33	18640	0
5	Repair of Thanwla	8.4.4.4	2000	Nos.	1.38	2760	0
6	Cost of water @ 300/tanker of 3000 ltr.	-	40	Tanker	300	0	12840
7	Watch & ward (1/5) for 12 months @ 1045x12 month	-	12	month	1107.6	13291	0
8	Misc. & unforeseen exp.	-	-	-	-	0	4872.78
	TOTAL					100849	27128.8
							127948
3rd Year Operation (IInd year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Amount
1	Watering of plants 3 times	8.5.1.3	6000	Nos.	5.14	30840	0
2	Hoeing of plants after each watering	8.6.2	6000 (2000x3)	Nos.	2.33	13980	0
3	Repair of Thanwla once	8.4.4.4	2000	Nos.	1.38	2760	0
4	Cost of water @ 300/tanker of 3000 ltr.	-	30	Tanker	300	0	9630
5	Watch & ward (1/5) for 12 months @ 5538/5 = 1107.6x12	-	12	Month	1107.6	13291	0
6	Misc. & unforeseen exp.	-	-	LS	-	0	4879.2
	TOTAL					60871	14509.2
							75380.2

(Sudhir Jain)
 DCF (Plant)
 डी. अ. नं. 19337

(Priya Ranjan)
 CCF (Plan)

(प्रिय संजय)
 मुख्य वन सहायक, (रायबरेली)
 रायबरेली जलपुरा

4th Year Operation (3rd year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward for 12 months 5538/5 = 1107.6x12	12	Month	1107.6	13291	0	13291
2	Misc. & unforeseen exp.	-	-	-	0	1562.2	1562.2
	TOTAL				13291	1562.2	14853.2
5th Year Operation (4th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward for 12 months 5538/5 = 1107.6x12	12	Month	1107.6	13291	0	13291
2	Misc. & unforeseen exp.	-	-	-	0	1562.2	1562.2
	TOTAL				13291	1562.2	14853.2
6th Year Operation (5th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward for 12 months 5538/5 = 1107.6x12	12	Month	1107.6	13291	0	13291
2	Misc. & unforeseen exp.	-	-	-	0	1562.2	1562.2
	TOTAL				13291	1562.2	14853.2
7th Year Operation (6th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward for 12 months 5538/5 = 1107.6x12	12	Month	1107.6	13291	0	13291
2	Misc. & unforeseen exp.	-	-	-	0	1562.2	1562.2
	TOTAL				13291	1562.2	14853.2
8th Year Operation (7th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward for 12 months 5538/5 = 1107.6x12	12	Month	1107.6	13291	0	13291
2	Misc. & unforeseen exp.	-	-	-	0	1562.2	1562.2
	TOTAL				13291	1562.2	14853.2
9th Year Operation (8th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward for 12 months 5538/5 = 1107.6x12	12	Month	1107.6	13291	0	13291
2	Misc. & unforeseen exp.	-	-	-	0	1562.2	1562.2
	TOTAL				13291	1562.2	14853.2

(Sudhir Singh) (प्रशासक)
 DEPT. (प्रशासन) जन संरक्षण
 जिला 2, 3, राज. जयपुर
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 CCF (Plan)
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 जिला सं. 19337

Deputy Conservator of Forest, IGNP, ST - II, Bikaner (Rajasthan)

DETAILS OF AMOUNT FOR MEDICINAL PLANT

Construction of 220 kV D/C Gainer -Chhatargarh Transmission Line

Forest Diversion Proposal - FP/RJ/TRANS/37354/2018 (Applied Area- 8.8422 ha.)

MEDICINAL PLANT SCHEME (Labour Rate : 213/- Rupees)				
Sr No.	Details of Work	Rate Per Hectare	Forest Land Proposed for Diversion	Amount (In Rupees)
1	0Years(AdvanceAction)	46058.30	1.3322	61358.87
2	Planting Year	195202.00	1.3322	260048.10
3	I Year Maintenance	127978.00	1.3322	170492.29
4	II Year Maintenance	75380.20	1.3322	100421.50
5	III Year Maintenance	14853.20	1.3322	19787.43
6	IV Year Maintenance	14853.20	1.3322	19787.43
7	V Year Maintenance	14853.20	1.3322	19787.43
8	VI Year Maintenance	14853.20	1.3322	19787.43
9	VII Year Maintenance	14853.20	1.3322	19787.43
10	VIII Year Maintenance	14853.20	1.3322	19787.43
11	IX Year Maintenance	14853.20	1.3322	19787.43
12	X Year Maintenance	14853.20	1.3322	19787.43
Amount for Medicinal Plant (Approved Model Enclosed)		5,63,444/-	1.3322 ha.	7,50,620/- (Seven Lakh, Fifty Thousand, Six Hundred, Twenty Rupees Only)

Place: Bikaner

Date: 01/08/2019

(Signature)

Name

Designation

Official Seal.....

उपनिर्देशक
इ. गा. न. प. स्टेन-II
बीकानेर