

Office of The Deputy Conservator of Forest, Jhunjhunu (Rajasthan)

Full Title of the Project : "Construction of Bikaner (PG) – Khetri S/S 765 kV D/C
Transmission Line"

Proposal No : FP/RJ/TRANS/45697/2020

Date of Proposal : 03-06-2020

DETAILS OF AMOUNT FOR MEDICINAL PLANT


DCF Jhunjhunu (Applied Area – 4.7515ha.)

MEDICINAL PLANT SCHEME (Labour Rate : 213/- Rupees)				
Sr.No	Details of Work	Rate Per Hectare	Degraded Forest Land(DFL) Area (in Hectare)	Amount (In Rupees)
1	0 Years(Advance Action)	46058.30	4.7515	218846
2	Planting Year	195202.00	4.7515	927502
3	I Year Maintenance	127978.00	4.7515	608087
4	II Year Maintenance	75380.20	4.7515	358169
5	III Year Maintenance	14853.20	4.7515	70575
6	IV Year Maintenance	14853.20	4.7515	70575
7	V Year Maintenance	14853.20	4.7515	70575
8	VI Year Maintenance	14853.20	4.7515	70575
9	VII Year Maintenance	14853.20	4.7515	70575
10	VIII Year Maintenance	14853.20	4.7515	70575
11	IX Year Maintenance	14853.20	4.7515	70575
12	X Year Maintenance	14853.20	4.7515	70575
Amount for Medicinal Plant C. A. Scheme on base : Rate Rs.563444/- As per Prescribed Approved Model 2019 by GOR. (Approved Model Enclosed)		563444/-	4.7515ha	Rs. 2677204.16 Says Round off Rs. 2677204

Place : Jhunjhunu

Date : 07-09-2020

(Signature)


Rajendra Kumar Hudda
Deputy Conservator of Forest,
Jhunjhunu

**Full Title of the Project : "Construction of Bikaner (PG) – Khetri S/S 765 kV D/C
Transmission Line"**

Proposal No FP/RJ/TRANS/44263/2020

Date of Proposal 03-06-2020

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:C20	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	18806.3	46058.3

आर (Sudha Mishra) अधिकारी
उप वन (प्रशासन) (प्रशासन)
प्रधान मुख्य वन संरक्षक
टी. आर. ई. ई., राज., जयपुर
कोड सं. 19337

राजेन्द्र कुमार
उप वन संरक्षक,
जयपुर

(Priya Ranjan)
(प्रिया रंजन)
मुख्य वन संरक्षक (आयोजना)
राजस्थान जयपुर

1st Year Operation (Planting year)								
S.N.	Details of Activities		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 boundary 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) सरक्षक (प्रशासन)
 DCF (Plan) मुख्य वन सहायक
 कोड सं. 12327

राजेन्द्र कुमार हुड्डा
 उप वन सरक्षक,
 बुझुनी

(Priya Ranjar)
 CCF (Plar)
 (प्रेय रंजन)
 मुख्य वन सरक्षक, (आयोजना)
 राजस्थान जयपुर

2nd Year Operation (1st year Maintenance)								
S.N.	Details of Activities		Qty.	Unit	Rate	Labour	Material	Amount
1	Casualty replacement-20%						0	
	(a) Cost of Plants	-	440	Nos.	20.00	0	9416	9416
	(b) Redigging of pits						0	
	(i) 0.45x0.45x0.45 Mt.		125	Nos.	6.52	815	0	815
	(ii) 0.30x0.30x0.30 Mt.	-	275	Nos.	1.96	539	0	509
	(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	6104
	(d) soil treatment	8.4.1	400	Nos.	0.45	180	0	180
2	Weeding and Hoeing of plants in 2 times	8.6.1.2	4000 (2000x2)	Nos.	4.35	17400	0	17400
3	Watering of Plants 4 times	8.5.1.3	8000	Nos.	5.14	41120	0	41120
4	Hoeing of plants after each watering (4 times)	8.6.2	8000 (2000x4)	Nos.	2.33	18640	0	18640
5	Repair of Thanwla	8.4.4.4	2000	Nos.	1.38	2760	0	2760
6	Cost of water @ 300/tanker of 3000 ltr.	-	40	Tanker	300	0	12840	12840
7	Watch & ward (1/5) for 12 months @ 1045x12 month	-	12	month	1107.6	13291	0	13291
8	Misc. & unforeseen exp.	-	-	-	-	0	4872.78	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	30840
2	Hoeing of plants after each watering	8.6.2	6000 (2000x3)	Nos.	2.33	13980	0	13980
3	Repair of Thanwla once	8.4.4.4	2000	Nos.	1.38	2760	0	2760
4	Cost of water @ 300/tanker of 3000 ltr.	-	30	Tanker	300	0	9630	9630
5	Watch & ward (1/5) for 12 months @ 5538/5 = 1107.6x12	-	12	Month	1107.6	13291	0	13291
6	Misc. & unforeseen exp.	-	-	LS	-	0	4879.2	4879.2
	TOTAL					60871	14509.2	75380.2

(Sudhir Jain)
मुख्य वन संरक्षक (पर्यावरण)
DCSF (Plan)
टी. जे. ए. ई. राज., जयपुर
कोड सं. 19337

राजेन्द्र कुमार हुड्डा
उप वन संरक्षक,
झुंझुनू

(Priya Ranjan)
CCF (Plan)

(प्रिय रंजन)
मुख्य वन संरक्षक, (आयोजना)
राजस्थान जयपुर

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 Ranjan)
 उप वन संरक्षक (प्रशासन)
 जयपुर वन संरक्षण
 जयपुर, जयपुर
 कोड सं. 19337

राजेन्द्र कुमार हुड्डा
 उप वन संरक्षक
 बुधनूर

(Priya Ranjan)
 CCF (Plan)
 (पियारांजन)
 वृक्ष वन संरक्षक (आयोजना)
 जयपुर

10th Year Operation (9th 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
11th Year Operation (10th 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

ABSTRACT OF YEARWISE MODEL COST

S.No	Year	Labour	Material	Total
1	0 Year (Advance Work)	27252	18806.32	46058.3
2	Planting Year	124111	71090.8	195202
3	I Year Maintenance	100849	27128.78	127978
4	II Year Maintenance	60871	14509.2	75380.2
5	III Year Maintenance	13291	1562.2	14853.2
6	IV Year Maintenance	13291	1562.2	14853.2
7	V Year Maintenance	13291	1562.2	14853.2
8	VI Year Maintenance	13291	1562.2	14853.2
9	VII Year Maintenance	13291	1562.2	14853.2
10	VIII Year Maintenance	13291	1562.2	14853.2
11	IX Year Maintenance	13291	1562.2	14853.2
12	X Year Maintenance	13291	1562.2	14853.2
TOTAL		419411	144032.7	563444

(Sudhir Jain)
मुख्य वन संरक्षक (प्रशासन)
DCR (Plan) मुख्य वन संरक्षक
राजस्थान राज्य, जयपुर
जब सं. 19337

राजेन्द्र कुमार हुड्डा
उप वन संरक्षक,
झुंझुनू

(Priya Ranjan)
CCF (Plan)
(जिले रजिस्ट्रार)
मुख्य वन संरक्षक (आयोजक)
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