

Office of The Deputy Conservator of Forest, Bikaner(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 SCHEME

DCF Bikaner (Applied Area –1.2223 ha.)

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	1.2223	56297
2	Planting Year	195202.00	1.2223	238596
3	I Year Maintenance	127978.00	1.2223	156428
4	II Year Maintenance	75380.20	1.2223	92137
5	III Year Maintenance	14853.20	1.2223	18155
6	IV Year Maintenance	14853.20	1.2223	18155
7	V Year Maintenance	14853.20	1.2223	18155
8	VI Year Maintenance	14853.20	1.2223	18155
9	VII Year Maintenance	14853.20	1.2223	18155
10	VIII Year Maintenance	14853.20	1.2223	18155
11	IX Year Maintenance	14853.20	1.2223	18155
12	X Year Maintenance	14853.20	1.2223	18155
Amount for Medicinal Plant C. A. Scheme on base : As per Prescribed Approved Model 2019 by GOR. (Approved Model Enclosed)		563444/-	1.2223ha	688698 say: 688698,-

Place : Bikaner

Date : 09-09-2020

(अनीता)
उप वन संरक्षक
(Anita)
Deputy Conservator of Forests,
Bikaner

**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 5634/4				
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 (Sukh) अधिकारी
 उपाय (प्रशासन)
 प्रधान मन्त्री वन संरक्षक
 टी. आर. ई. ई., राज., जयपुर
 कोड सं. 19337

(Priya Ranjan)
 (प्रशासन)
 मुख्य वन संरक्षक, (आयोजना)
 राजस्थान जयपुर

(अजीता)
 वन संरक्षक
 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 1.5 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 Jadhav) संरक्षक (आयोजना)
 DCF (Plant) मुख्य वन संरक्षक
 डी. ऑफिस, ई. ई. राज. भवन
 कोड सं. 142019

(अनीता)
 उप वन संरक्षक
 बीकानेर

(Priya Ranjan)
 CCF (Plant)
 (पिय रंजन)
 मुख्य वन संरक्षक (आयोजना)
 राजस्थान जलपुर

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) (अधीक्षक)
 12/11/2017
 वन संरक्षण विभाग
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(डिजीटल)
 वन संरक्षण
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(Priya Hanjan)
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 (विश्व संजय)
 वन संरक्षण विभाग
 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)
DCR (Plan) संरक्षक (प्रशासन)
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(अमीता)
उप वन संरक्षक
दीपापुर

(Priya Ranjan)
CCO (Plan)
(सि.स.स.)
मुख्य वन संरक्षक (आय.स.स.)
राजस्थान जयपुर