

## **Deputy Conservator of Forest, Rajsamand (Rajasthan)**

"Construction of 11 kv Transmission line for Rural Electrification of Bera Sukh Sagar to Village Sand Mangra, Khejdi ka Bala, Lakha ka Khet, Dist. Pali."

**File No. : FP/RJ/TRANS/43798/2020**

**Proposed Forest Land Under Rajsamand Division: 0.8491 ha.**

### **CHECK LIST SERIAL NUMBER: 18**

#### **"CA SCHEME FOR DFL"**

Detail scheme (On DFL) for Compensatory Afforestation to be carried out in lieu of 1.70 Ha. Of forest, area to be diverted for Construction of 11 kv Transmission line for Rural Electrification of Bera Sukh Sagar to Village Sand Mangra, Khejdi ka Bala, Lakha ka Khet, Dist. Pali.

#### **1. Details of degraded forest land/non-forest land :-**

District Rajsamand Village Bhundal                      Tehsil: Rajsamand

Name of Forest Division DCF - Rajsamand Range                      Rajsamand                     

Block/Compartment/Survey No. 433 Area to be afforested 1.70 Hectare.

#### **2. Description of Area**

I) Whether the site selected for Compensatory Afforestation is a

Land bank or not:                      No                     

II) If the CA site is other than the land bank, reasons be given: Degraded Forest land is identified for Compensatory Afforestation as NFL is exempted for transmission line project.

III) In case of non forest area identified for CA, then what is the

Distance of CA site from the adjoining forest boundary: Nil

IV) Soil type: Clay Loam

V) Topography:

(a) Hilly/Undulating/Plain: Plain

(b) Slope: Steep/Medium/Gentle: Gentle Slope

VI) Whether the area is bearing any root stock of vegetation: No

#### **3. Plantation Model:-**

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed

### Schedule of Plantation Programme:-

Detail of year wise break up of requirements of funds as per approved Model:-:

Year	Rate
0 Years (Advance Action)	45141
1st Year (Planting Year)	41724
2nd Year Maintenance (Year-2)	13152
2nd Year Maintenance (Year-3)	6038
Subsequent Maintenance (Year-4)	6038
Subsequent Maintenance (Year-5)	6038
Subsequent Maintenance (Year-6)	6038
Subsequent Maintenance (Year-7)	6038
Subsequent Maintenance (Year-8)	6038
Subsequent Maintenance (Year-9)	6038
Subsequent Maintenance (Year-10)	6038
Subsequent Maintenance (Year-11)	6038
Subsequent Maintenance (Year-12)	6038
<b>Total Amount for DFL @ 1, 60,400/- ha. (Source: As per Approved Model)</b>	<b>Total amount for CA Will Be : 1,60,400 X 1.70 = 2,72,680/- (Two Lakhs, Ninety Seventy Two Thousand, Six Hundred, Eighty Rupees Only)</b>

#### 5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details: CA Scheme is prepared for Degraded Forest Land (DFL).
- Spacing: 3X4 Meter
- Species: Acacia leucophloea, Acacia Nikotica, Azadirachta indica and Prosopis cineraria etc.
- Plantation Method: Manual
- Soil and Moisture Conservation Works: - No
- Protection (Fencing, Watch man, People's Participation etc.): - Fencing & Watch man
- Proposed Monitoring Mechanism: - One Guard will deputed for Supervision
- Any other information: - Nil

Place: Rajsamand

Date: 10/06/2022



(Signature)

Name Vinod Kumar Rai

Designation D.C.F. W.L. Rajsamand

Official Seal.....उप. वन संरक्षक  
वन्यजीव, राजसमन्द

## Deputy Conservator of Forest, Rajsamand (Rajasthan)

### DETAILS OF AMOUNT FOR CA ON DFL

"Construction of 11 kv Transmission line for Rural Electrification of Bera Sukh Sagar to Village Sand Mangra, Khejdi ka Bala, Lakha ka Khet, Dist. Pali."

File No. : FP/RJ/TRANS/43798/2020

Proposed Forest Land Under Rajsamand Division: 0.8491 ha.

CA SCHEME – DFL (Labour Rate : 252/- Rupees)					
0 YEAR (ADVANCE ACTION)					
S. No.	ITEM OF WORK	RATE (Rs.)	LABOUR	MATERIAL	TOTAL
1.	Collection of Basic Datas for Microplanning and carrying out joint forest management activities	575/ha	588	50	638
2.	Survey of area, lay out of contour trenches, burrowpits and making of segments/plots.	463/ha	463	50	513
3.	Fencing by stone wall and or by ditch.		0	0	
	a) Stone wall fencing 1.20m high 0.80m at base & 0.60 at top (on an average 30m/ha.)	225 / rmt	7560	0	7560
	b) Ditch fencing 1.20m deep, 1.50m wide at top & 0.90m at bottom (on an average 30m/ha.)	245.16 / rmt	8238	0	8238
4.	Cost of raising 770 seedlings.	3.93/- plant	2158	1105	3263
5.	Digging up 300 rmt Staggered Contour Trenches 45x45cm cross section on middle slopes and V ditch as per site.	28.28 / rmt	9505	0	9505
6.	Digging of 300 pits size : 0.45x(0.4+0.5/2)2 cum	17.6 / pit	5913	0	5913
7.	Cost of Collection and purchase of grass and other seeds of trees and shrubs.	Prorata	0	196	196
8.	Treatment of Nallas by construction series of checkdams of dry ramdom trubble/earthan/brushwood	Prorata	735	0	735
9.	Construction of Thatched cattle guard hut	Prorata	136	78	214


10.	Purchase of construction of water storage tank	Prorata	79	48	127
11.	Labour amenities	Prorata	92	86	178
12.	Watch and ward for 4 months @15325/-	Prorata	1450	0	1450
13.	Purchase of tools and plants		0	110	110
14.	Construction of 50mt. long contour dykes of 30x30cm. cross section on upper slopes and sowing of suitable thorny shrub	30.46 / rmt	1706	0	1706
15.	Construction of the pillars of appropriate size of gate	Prorata	80	97	178
16.	Purchase of signboards and fixing at site	Prorata	32	92	124
17.	Misc. and unforeseen expenses including PIL for Vehicles	Prorata	280	108	388
	<b>TOTAL YEAR 0</b>		<b>39016</b>	<b>2021</b>	<b>41037</b>
18.	Administrative charges 10%		0		4104
			0	<b>TOTAL</b>	<b>45141</b>

#### YEAR 1 (PLANTING YEAR)

1.	Collection of dates regarding impact assessment and strengthening joint forest management	Prorata	0	73	73
2.	Maintenance of 770 seeding in nursery	2.11 / plant	1674	134	1808
3.	Digging of 400 pits of size 0.45(4+5/2)*2 Cum	17.73 / pit	7884	0	7884
4.	In Situ soil and Moisture conservation measures like check dam, nadies, earthen bunds etc.	Prorata	2864	243	3107
5.	Digging of 30cm x 30cm cross section trench along inner side of stone wall fencing and seed sowing (60 mt / ha)	12.43 Per rmt.	814	19	833
6.	Sowing/dibbling of seeds of grass/thorny trees species on the mounds of contour trench and ditch fencing etc. (370m/ ha.)	0.59/m	231	13	244
7.	Purchase of insecticide and fertilizers.	0.82/plant	0	577	577

8.	Sowing of pellets of grass/pieces of seed mud cakes of grass seeds between row of pits by ploughing and furrowing	Prorata	570	0	570
9.	Transportation of 700 plant from nursery to planting site.	1.41 / plant	1060	45	1105
10.	Planting of 700 seeding including Refilling of pits	4.09 / plant	3213	0	3213
11.	Watering (id sufficient rains are not there) & application of insecticide in 700 plants at the time of planting.	3.16 / plant	2485	0	2485
12.	Restoration of natural regenerations by making crescent shaped mounds on the lower slopes of seeding and sapling and making ring trenches around the natural trees/ shrubs ( 150 plant/ha)	4.1/ plant	689	0	689
13.	Making of crescent shaped mounds below planted sapling after planting and dibbing 3 seeds of thorny tree species (700 plants / ha)	3.58/ plant	2807	0	2807
14.	Weeding and hoeing of 700 plants in 2 times. Repairing of plants mound.	3.57/ plant	5598	0	5598
15.	Weeding on contour trenches and "V" ditches and spacement / singling	Prorata	592	0	592
16.	Raising of 70 seedlings in nursery for casualty replacement year -2 (10% of 700)	3.94/ seeding	196	101	297
17.	Watch and ward for 12 months @ Rs. 15325/- Month	Prorata	4351	0	4351
18.	Labour aminties and hut repair	Prorata	364	49	414
19.	Construction of approach road/inspection path	Prorata	428	0	428
20.	Construction of gate and fixing of sign board	Prorata	570	80	651
21.	Miscellaneous and unforeseen expenditure.	Prorata	174	32	206
	<b>TOTAL YEAR 1</b>		<b>36566</b>	<b>1365</b>	<b>37931</b>
22.	Administrative charges 10%				3793
	<b>TOTAL</b>				<b>41724</b>

<b>CA SCHEME – DFL (Labour Rate : 252/- Rupees)</b> "Construction of 11 kv Transmission line for Rural Electrification of Bera Sukh Sagar to Village Sand Mangra, Khejdi ka Bala, Lakha ka Khet, Dist. Pali." <b>Proposed Forest Land Under Rajsamand Division: 0.8491 ha.</b>				
Sr No.	Details of Work	Rate Per Hectare	Degraded Forest Land (DFL) Area (in Hectare)	Total Amount for CA (In Rupees)
1	0 Years (Advance Action)	45141	1.70	<b>1,60,400 X 1.70 = 2,72,680/- (Two Lakhs, Seventy Two Thousand, Six Hundred, Eighty Rupees Only)</b>
2	1st Year (Planting Year)	41724	1.70	
3	2nd Year Maintenance (Year-2)	13152	1.70	
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5	Subsequent Maintenance (Year-4)	6038	1.70	
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8	Subsequent Maintenance (Year-7)	6038	1.70	
9	Subsequent Maintenance (Year-8)	6038	1.70	
10	Subsequent Maintenance (Year-9)	6038	1.70	
11	Subsequent Maintenance (Year-10)	6038	1.70	
12	Subsequent Maintenance (Year-11)	6038	1.70	
13	Subsequent Maintenance (Year-12)	6038	1.70	
<b>Amount for CA (As per Approved Model)</b>		<b>1, 60,397/- or Say 1,60,400/- Per ha.</b>	<b>1.70 ha.</b>	

  
 (Signature)  
 Name Vinod Kumar Rai  
 Designation D.C.F., W.L. Rajsamand  
 Official Seal उप-वन-संरक्षक  
वन्यजीव, राजसमन्द