

# कार्यालय उप वन संरक्षक, बून्दी

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क्रमांक एफ2( ) वन संरक्षण/उवसं/2021-22/ 1524

दिनांक : 02/02/22

निमित्त:-

संभागीय मुख्य वन संरक्षक  
कोटा

विषय: — Diversion of 466.592 ha. Forest land for Construction of New Green Field Airport  
Kota, District- Bundi in the State of Rajasthan FP/RJ/Others/150590/2021

प्रसंग:- अति० प्रधान मुख्य वन संरक्षक, वन सुरक्षा एवं नोडल अधिकारी (एफ०सी०ए०) राज०  
जयपुर की ऑन लाइन क्यूरी दिनांक 28.02.22

महोदय,

उपरोक्त विषयान्तर्गत निवेदन हैं कि प्रस्तावित Construction of New Green Field Airport Kota, District- Bundi in the State of Rajasthan में अति० प्रधान मुख्य वन संरक्षक, वन सुरक्षा एवं नोडल अधिकारी (एफ०सी०ए०) राज० जयपुर की ऑन लाइन क्यूरी दिनांक 28.02.22 की बिन्दुवार पालना निम्न प्रकार है, जो आवश्यक एवं अग्रिम कार्यवाही हेतु प्रेषित है।

क्र०सं०	आक्षेप	पालना
1	In the proposed CA scheme, only 65322 plants are proposed for plantation while as per FCA guidelines 93384 plants have to be planted. So revise the CA scheme accordingly.	प्रस्तावित क्षतिपूर्ति वृक्षारोपण (DFL) हेतु पूर्व में 700 पौधे प्रति हे० की दर से 653229 पौधे प्रस्तावित किये गये थे जो 1000 पौधे प्रति हे० की दर से 933184 पौधे प्रस्तावित कर दिये गये हैं, जिनका CA estimate, एवं modal संलग्न है।
2	CA DFL proposed is lesser comparative to double DFL i. e. 933.84 ha. as per KML uploaded by DCF	CA DFL हेतु पूर्व में प्रस्तावित 466.592 हे० का दुगुना 933.184 हे० कार्यालयधीन वन भूमि की के.एन.एल फाईल 11 भागों में पूर्व में अपलोड की गई है, जो प्रस्तावित भूमि के दोगुने क्षेत्र से कम नहीं है।

संलग्न :- उक्तानुसार।

भवदीय

(सोनल जोरिहार)

उप वन संरक्षक

बून्दी

दिनांक : 02/02/22

क्रमांक एफ2( ) वन संरक्षण /उवसं/2021-22/ 1525

प्रतिलिपि अति० प्रधान मुख्य वन संरक्षक, वन सुरक्षा एवं नोडल अधिकारी (एफ०सी०ए०) राज० जयपुर को सूचनार्थ प्रेषित है।

(सोनल जोरिहार)

उप वन संरक्षक

बून्दी

## Deputy Conservator of Forests, Bundi (Rajasthan)

Full Title of the Project: Diversion of 466.592 ha. Forest land for Construction of New Green Field Airport Kota, District- Bundi in the State of Rajasthan

File No. FP/RJ/Others/ 150590/2021

Date of Proposal: 31-12-2021

### CHECK LIST SERIAL NUMBER: 18

#### "SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 466.592 ha. of forest area to be diverted for Construction of New Green Field Airport Kota, District- Bundi in the State of Rajasthan

Details of degraded forest land/non-forest land:-

District **Bundi**

Tehsil Hindoli, Talera

Village **Damdama, Sukhpura, Salawaliya, Vijaygarh, Maradi, Kachnariya, Ganeshganj, Owan, Dabi, Dhorela and Devgarh**

Range Hindoli and Dabi

Area to be afforested **933.184 Ha.**

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: Non existence of Land Bank

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

Adjoining forest boundary: just adjoining to existing forest boundary of Datunda Forest Block.

IV) Soil type: Black cotton, stony, loamy and semibolder soil

V) Topography:

(a) Hilly/Undulating/Plain: **Plain and Undulating**

(b) Slope: Steep/Medium/Gentle: **Gentle and medium**

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 is enclosed .

#

(सोनल जौरिहार)  
उप वन संरक्षक  
बुन्दी (राज०)

**Schedule of Plantation Programme:-**

**Full Title of the Project: Diversion of 466.592 ha. Forest land for Construction of New Green Field Airport Kota, District- Bundi in the State of Rajasthan**

**File No. FP/RJ/Others/ 150590/2021**

**Date of Proposal: 31-12-2021**

Detail of year wise break up of requirements of funds is as under:-

Year	Area in Ha.	Rate per hac.
0 Years	933.184	48499
1st Year	933.184	49935
2nd Year	933.184	15349
3rd Year	933.184	6038
4 <sup>th</sup> year	933.184	6038
5 <sup>th</sup> year	933.184	6038
6 <sup>th</sup> year	933.184	6038
7 <sup>th</sup> year	933.184	6038
8 <sup>th</sup> year	933.184	6038
9 <sup>th</sup> year	933.184	6038
10 <sup>th</sup> year	933.184	6038
11 <sup>th</sup> year	933.184	6038
12 <sup>th</sup> year	933.184	6038
<b>total</b>	<b>933.184 ha</b>	<b>174164</b>
<b>Total for 933.184 ha</b>	<b>933.184 ha X 174164</b>	<b>162527058.176</b>

**5. Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

a) 1000 plants will be planted per hectare.

b) Spacing: **3X3Meter**

c) Species: local thorny and broad leaved species e.g. deshi babool, Neem, Ber, Aavala ect.

d) Plantation Method: Digging pit of size 45x45x45cm and planting plants raised in near by nursery.

e) Soil and Moisture Conservation Works: - contour trenches, V-ditch, check dams ect.

f) Protection (Fencing, Watch man, People's Participation etc.): - Area will be ditch Fenced and protected by providing, Watch man and engaged by VFPMC

g) Proposed Monitoring Mechanism: - Plantation will be monitored at various level forest office in the division as well as planning and monitoring team at circle and state level.

h) Any other information: - Nill

Place: Bundi  
Date: 02-03-2022

(Signature)  
(सैनल जौरिहार)  
Name वन संरक्षक  
Designation (राज०)

**MODEL COST ESTIMATE FOR COMPENSATORY AFFORESTATION  
ON DEGRADED FOREST LAND**

UNIT : Per hac.  
PERIMETER: 60 M/Ha.  
LABOUR RATE: Rs. 252/Day  
COST ESTIMATE: in Rs./Ha. 174164

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 managment activities.	575/ ha.	588	50	638
2	Survey of area, layout of contour trenches, burrow pits 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 1.20 m high 0.80 m at base & 0.60 at top (on an average 30 m/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 1100 seedlings	3.93/ plant	3083	1578	4661
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 430 pits size 0.45x(0.4+0.5/2)2 cum	17.6 / pit	7568	0	7568
7	Cost of collection and purchase of grass and other seeds of trees and shrubs	Prorata	0	196	196
8	Treatment of Nallas by constructing series of Checkdams of dry random trubble / earthan / brushwood	Prorata	735	0	735
9	Construction of Thatched cattle guard hut	Prorata	136	78	214
10	Purchase or construction of water storage tank.	Prorata	79	48	127
11	Labour aminities	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 50 mt. long contour dykes of 30X30 cm. cross section on upper slopes and sowing of suitable	30.46 / rmt.	1706	0	1706
15	Construction of the pillars of appropriate size for gate.	Prorata	80	97	178
16	Purchase of signboards & fixing at site	Prorata	32	92	124
17	Misc. and unforeseen expenses including POL for vehicles	Prorata	280	108	388
	<b>TOTAL YEAR 0</b>		<b>39016</b>	<b>2494</b>	<b>44090</b>
19	Administrative charges 10%				4409
				<b>TOTAL</b>	<b>48499</b>

  
 (सोनल जौरिहार)  
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 बून्दी (राज०)

YEAR I ( PLANTING YEAR )

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management	Prorata	0	73	73
2	Maintenance of 1100 seedling in nursery	2.11 / plant	2392	191	2583
3	Digging of 570 pits of size 0.45 (4+5/2)*2 Cum	17.73 / pit	10106	0	10106
4	In situ soil and moisture conservation measures like check dam, nadies, earthen bunds etc.	Prorata	2864	243	3107
5	Digging of 30cmX30 cm 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. ( 370 m / ha )	0.59/m	231	13	244
7	Purchase of insecticide and Fertilizers.	0.82/ plant	0	577	577
8	Sowing of pellats of grass/piece of seed mud cakes of grass seeds between row of pits by ploughing and furrowing.	Prorata	570	0	570
9	Transportation of 1000 plants from nursery to planting site	1.41/ plant	1515	64	1579
10	Planting of 1000 seedlings including Refilling of pits	4.09 / plant	4090	0	4090
11	Watering ( if sufficient rains are not there) & application of insecticide in 1000 plants at the time of planting.	3.16/ plant	3160	0	3160
12	Restoration of natural regeneration by making crescent shapad mounds on the lower slopes of seedling and sapling and making ring tranches around the natural trees / shrubs. (150 plants / ha)	4.1 / plant	689	0	689
13	Making of crescent shaped mounds below planted sapling after planting and dibbing of 3 seeds of thorny tree species. ( 1000 plants / ha)	3.58 / plant	3580	0	3580
14	Weeding and hoeing of 1000 plants in 2 time. Repairing of plants mound	3.57/ plant	7140	0	7140
15	Weeding on contour trenches and 'V' ditches and spacemnt / singling	Prorata	592	0	592
16	Raising of 100 seedilings in nursery for casualty replacement in year-2 (10% of 1000)	3.94 / seedling	280	144	424
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	Micellaneous and unforeseen expenditure.	Prorata	174	32	206
<b>TOTAL YEAR 1</b>					
22	Administrative charges 10%		36566	1485	45396
					4540
				<b>TOTAL</b>	<b>49935</b>

  
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