

## SCHEME OF COMPENSATORY AFFORESTATION

Details scheme of compensatory afforestation to be carried out in lieu of territorial forest division 580.938 ha. of forest area to be diverted for the diversion of forest land for development of Navnera Barrage Across River Kalisindh Near Village Abra Tehsil Digod, Dist. Kota Project (Raj) in the state of Rajasthan in territorial division Kota.

- 1 Details of degraded forest land/non Forest land CA is situated in village Budhkhan, Gadiya-A, Mahuakhal-A, Mahuakhal-B, Shankerpura Dadwara V, Shankerpura Dadwara IV, Badodiya II Block Forest Land, district Kota.

Non Forest land CA is situated in village Gopalpura, Singhpura, Bhilot district Kota.

District: -

Kota

Name of the Forest division/Range:

Territorial/ Kota/MANDANA/MODAK

Name of the Forest Block/

Compartment:

Area to be afforestation

580.938 ha

### 2. Description of the Area

- A Weather the site selected for compensatory Afforestation is a land bank or not Land bank is not available
- B If the CA site is other than the land bank reason be given
- C In case of Non Forest Area identify for CA than what is the distance of CA site from the adjoining forest boundary NFA is adjoining to with existing forest land.
- D Soil type Rocky Strata
- E Topography; Undulating/hilly
- a) Hill/undulating/Plain Medium
- b) Slope: Steep/Medium/Gentle
- F Weather the area is bearing any Root of vegetation Yes, it consist of grass root vegetation

उप वन संरक्षक  
कोटा

### 3. Plantation modules

Copy of the approved Compensatory Afforestation Scheme/ Model Showing Component: - enclosed copy of approved model rate.

**Area proposed for CA(Degrade Forest Land) =358.398 Hectare**

(i) Cost of CA as per (NFL)model =358.398 He. @ 173767/-=62277742/-

**Area proposed for CA(Non Forest Land) =222.54 Hectare**

(ii) Cost of CA as per (NFL) model = 222.54 He. @ 793319/- = 176545210/-

(iii) Additional amount required for fencing 26000 rmt.@ 281.90/- = 7329400/-

(iv) Additional amount required for stone masonry wall fencing

(Because these area's are situated near by villages, human Basti)

5.00 Km@ Rs.26,50,000/- =1,32,50,000/-

**Total cost for CA(DFL) + CA(NFL) + Fencing + Stone Masonry wall**

**= Rs. 25,94,02,352/-**

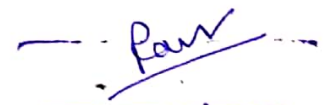
(Rs. Twenty Five Crore Ninty four Lakhs Two thousand Three Hundred Fifty Two rupees only)

### 4. Scheduled of Plantation program: (Non Forest Land)

A detail of CA (NFL) Year wise breakup of requirements of funds as under:-

S. No.	Year	Area in Ha.	Rate/Ha.	Total	Remark
1	0 year	222.54	480000	106819200	as per Metegative Model
2	1 year	222.54	84600	18826884	
3	2 year	222.54	70000	15577800	
4	3 year	222.54	51000	11349540	
5	4 year	222.54	37000	8233980	
6	5 year	222.54	37000	8233980	
7	6 year	222.54	4817	1071975	Maintance charge as per on going NFL Model
8	7 year	222.54	4817	1071975	
9	8 year	222.54	4817	1071975	
10	9 year	222.54	4817	1071975	
11	10 year	222.54	4817	1071975	
12	11 year	222.54	4817	1071975	
13	Supervision Charge	222.54	4817	1071975	
	<b>Total</b>		<b>793319</b>	<b>176545210</b>	

**Total amount is Rs 176545210/- ( Rs.Seventeen Crore Sixty Five Lakhs Forty Five thousand Two Hundred Ten rupees only)**

  
उप वन संरक्षक  
कोटा

#### 4. Scheduled of Plantation program: (Degrade Forest Land) as per NFL Model

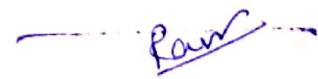
Kota territorial division mostly rocky & hard with very shallow soil layer or almost all hill soil depth therefore blasting is required to dig pits for Successful plantation. Hence, additional budget for blasting and watering are required. Also, other plantation in kota division is under mitigative measures also has provision of blasting which is also funded by CAMPA Fund. This project is currently ongoing in Kota division. This project has following funding model 4 year (main-III). Please consider the below mentioned model for successful compensatory afforestation in Kota division.

S. No.	Year	Area in Ha.	Model Rate/Ha.	Amount (INR)	Remark
1	0 (Advance Work)	358.398	55802	19999325	Providing & laying Cement Concrete for coping on the top of loose stone wall fancing 16000rmt x0.60X0.10X=960 cum@Rs 3624/- =Rs.3479040/- (NFL model rate/he. 46095/-)+(DPC cost/he.9707.14/-) = Rs.55802/- (प्रति वर्ग मीटर निष्क्रमण बराई के कारण कच्ची पत्थर की दीवारों को नुकसान पहुंचाया जाता है। इसलिये कच्ची दीवारों पर CC करवायी जानी आवश्यक है।
2	1 year (Planting Year)	358.398	54226	19434489	
3	2 year (Maintenance Ist)	358.398	15569	5579898	
4	3 year (Maintenance IInd)	358.398	4817	1726403	
5	4 year (Maintenance IIIRD)	358.398	4817	1726403	
6	5 year (Maintenance IVth)	358.398	4817	1726403	
7	6 year (Maintenance Vth)	358.398	4817	1726403	
8	7 year (Maintenance VIth)	358.398	4817	1726403	
9	8 year (Maintenance VIIth)	358.398	4817	1726403	
10	9 year (Maintenance VIIIth)	358.398	4817	1726403	
11	10 year (Maintenance IXth)	358.398	4817	1726403	
12	11 year (Maintenance Xth)	358.398	4817	1726403	
13	12 year (Maintenance XIth)	358.398	4817	1726403	
			173767	62277742	
		Total Amount INR			

Total amount is Rs.62277742 ( Rs. Six Crore twenty Two Lakhs Seventy Seven thousand Seven Hundred Forty Two rupees only)

However, there is need for continuous up keeping/maintaining of plants which has been raised till 5 years. This continuous maintenance & monitoring is required till 12 year (main-II) as per campa(DPL)planting model. Based on above criteria following cost calculations have been done.

The above costs have been calculates by a model used in Mitigative Measures (the former has been Model attached) in Annexure A, Annexure B.

  
उप वन संरक्षक  
कोटा



**Technical Details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

1. General details
2. Spacing
3. Species
4. Plantation Method
5. Soil and Moisture Conservation Works
6. Protection (fencing, Watch Man, People's participation etc.)
7. Proposal Monitoring Mechanism
8. Any other information

1100 Plants / Ha. in NFL(222.54 Ha.) & 700 Plants/Ha. in DFL(358.398Ha.) Proposed for plantation with soil moisture conservation work treatment.  
3 m X 3 m  
Ronj, Neem, Sisam, Ber, Mahua, Imle, Churel, Arjun etc.

By field staff, DFO and evaluation team of CCF&PCCF  
As per site condition minor variation may be from approved model rate. Blasting & watering required

Place: Kota

Date: 5/06/2020

Name

Designation

Official Seal

(Signature)

.....Ravi Kumar Meena  
.....D.C.F. Kota  
.....उप वन संरक्षक  
.....कोटा

OFFICE OF THE DY. CONSERVATOR OF FOREST, KOTA

Full Title of Project: NAVNERA BARRAGE ACROSS RIVER KALISINDH NEAR VILLAGE ABRA TEHSIL DIGOD, DIST. KOTA PROJECT (RAJ)

Forest proposal No.: FP/RJ/IRRIG/35905/2018

Forest Area required for diversion: -580.938 ha

**DETAILS OF AMOUNT OF NPV TO BE DEPOSITED**

As per the order dated 05-02-2009 MoEF & CC Government of India Rates For **NPV ECO CLASS (3) is Rs. 8,87,000 /-** Ha. the Total NPV amount for proposed diversion of forest land for development of NAVNERA BARRAGE ACROSS RIVER KALISINDH NEAR VILLAGE ABRA TEHSIL DIGOD, DIST. KOTA PROJECT (RAJ) Forest proposal No.: FP/RJ/IRRIG/35905/2018 The **Total Amount of NPV is 580.938 Ha. x 8,87,000/- = Rs.51,52,92,006/- (Fifty one Crore fifty two Lakh ninety two thousand Six Rupees only)**



(Signature)

Place: Kota

Date:

Name

Designation

Official Seal

Ravi Kumar Meena  
Def Kota

उप वन संरक्षक  
कोटा