

**Full Title of the Project:** Diversion of 0.378ha. Forest Land for construction of ROB in lieu of level crossing No. 22 at Km 43.405 of Rohtak Rewari Railway Line on crossing of Jhajjar Kosli Road (SH-22) at Jhajjar (Haryana).

**File No. :** FCA-1980-C-XVII-281

**Date of Proposal:** 24 May, 2017

**CHECK LIST SERIAL NUMBER: 17**

**"SCHEME FOR COMPENSATORY AFFORESTATION"**

Forest Area = **0.378Ha.**

Details of degraded forest land/non-forest land where C.A is to be carried out.

Division:- **Jhajjar** District :- **Jhajjar** Tehsil: **Beri** Range:- **Jhajjar**

C.A Site Name – **Jahagirpur Minor RD 7 to 18**

Start E 76° 44' 59.43" N 28° 35' 10.51"

End E 76° 45' 14.48" N 28° 33' 46.67"

**Area to be Afforested :-**

Whether the site selected for Compensatory Afforestation is a land bank or not :- No, the site selected for compensatory afforestation is not a land bank.

If the CA site is other than the land bank, reasons be given :- **There is no land bank in District Jhajjar. Plantation will be done in protected forest areas.**

In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:- Nil

i. Soil type :- Sandy Loam

ii. Topography :- a. Hilly/Undulating/Plain

b. Slope:- Steep/Medium/Gentle

vi. Whether the area is bearing any root stock of vegetation :- Nil

**Plantation Model:-**

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



## 2. Schedule of Plantation Programme :-

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

The plantation cost is calculated for tall plantation norms at 4mx2.5m spacing and it is approved by the PCCF Haryana letter no. 6693-6713 dated 15-02-2016 at the wage rate of Rs 318.46/- per days as under:

Sr. No	Year	Rate per plants
1	1 <sup>st</sup> Year Plantation	Rs. 244/- per Plants
2	2 <sup>nd</sup> Year Plantation	Rs. 83/- per Plants
3	3 <sup>rd</sup> Year Plantation	Rs. 33/- per Plants
4	4 <sup>th</sup> Year Plantation	Rs. 25/- per Plants
5	5 <sup>th</sup> Year Plantation	Rs. 26/- per Plants
6	6 <sup>th</sup> Year Plantation	Rs. 15/ per Plants
7	7 <sup>th</sup> Year Plantation	Rs. 9/- per Plants
8	8 <sup>th</sup> Year Plantation	Rs. 9/- per Plants
9	9 <sup>th</sup> Year Plantation	Rs. 10/- per Plants
10	10 <sup>th</sup> Year Plantation	Rs. 11/- per Plants
	<b>Total</b>	<b>Rs. 465</b>

Area to be Diverted = 0.378 ha.

No. of trees to be felled= 416 = 193.31M3

Plants to be damaged= 530

Plants to be planted = 4160

Area to be Planted = 4.16 (@ 1000 plant per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 1060Plants

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 <sup>st</sup> Year cost of afforestation	4160	Rs. 244/- per Plants	1010160
	(2) 2 <sup>nd</sup> Year maintenance	4160	Rs. 83/- per Plants	343620
	(3) 3 <sup>rd</sup> Year maintenance	4160	Rs. 33/- per Plants	136620
	(4) 4 <sup>th</sup> Year maintenance	4160	Rs. 25/- per Plants	103500
	(5) 5 <sup>th</sup> Year maintenance	4160	Rs. 26/- per Plants	107640
	(6) 6 <sup>th</sup> Year maintenance	4160	Rs. 15/ per Plants	62100
	(7) 7 <sup>th</sup> Year maintenance	4160	Rs. 9/- per Plants	37260
	(8) 8 <sup>th</sup> Year maintenance	4160	Rs. 9/- per Plants	37260
	(9) 9 <sup>th</sup> Year maintenance	4160	Rs. 10/- per Plants	41400
	(10) 10 <sup>th</sup> Year maintenance	4160	Rs. 11/- per Plants	45540
	(11) Barbed wire fencing charge= 3.024RKM		Rs.160000/-Per RKM	2662400
	Total Charges			<b>4587500</b>
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	458750
	<b>Total (A) C.A. Charges</b>			<b>5046250</b>



B	Additional Compensatory Afforestation Charges				
	(1)	1 <sup>st</sup> Year cost of afforestation	1060	Rs. 244/- per Plants	251320
	(2)	2 <sup>nd</sup> Year maintenance	1060	Rs. 83/- per Plants	87980
	(3)	3 <sup>rd</sup> Year maintenance	1060	Rs. 33/- per Plants	34980
	(4)	4 <sup>th</sup> Year maintenance	1060	Rs. 25/- per Plants	26500
	(5)	5 <sup>th</sup> Year maintenance	1060	Rs. 26/- per Plants	27560
	(6)	6 <sup>th</sup> Year maintenance	1060	Rs. 15/ per Plants	15900
	(7)	7 <sup>th</sup> Year maintenance	1060	Rs. 9/- per Plants	9540
	(8)	8 <sup>th</sup> Year maintenance	1060	Rs. 9/- per Plants	9540
	(9)	9 <sup>th</sup> Year maintenance	1060	Rs. 10/- per Plants	10600
	(10)	10 <sup>th</sup> Year maintenance	1060	Rs. 11/- per Plants	11600
	(11)	Barbed wire fencing charge= 4.24 RKM		Rs.16000/- Per RKM	678400
Total (B) Addl. C.A. Charges				1163980	
C	Catchment Area Treatment (if required)				
	Soil and Moisture Conservation charges		30% of the Total CA	0	
	Total (D)			0	
D	Safety Zone (if required)			0	
E	Additional Charges (if required)				
	.....			0	
	.....			0	
	Total (F)			0	
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	335286	
G	Felling charges = 193.31 m <sup>3</sup>		Rs.1000 /- per m <sup>3</sup>	193310	
GRAND TOTAL (A+B+C+D+E+F+G) to be deposited in CAMPA Fund				6738826	


2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacement:- 4 × 2½ meter TP Planting species
- Species:- Neem, Bakain, Papri etc.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works:
- Protection (Fencing, Watch man, People's Participation etc.): - **Fencing**
- Proposed Monitoring Mechanism:- (M&E),
- Any Other information:- Nil

Place : Jhajjar

Dated 18-01-2018

  
Divisional Forests Officer  
Jhajjar Forest Division.  
Office Seal.....

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**LAND SUITABILITY CERTIFICATE BY THE DFO**

This is to certify that **4.16ha** land bearing Survey No./ Compartment No **Jahangirpur Minor RD 7 to 18** of village **Jahangipur** Tehsil. **Jhajjar** District **Jhajjar** identified for Compensatory Afforestation is suitable for undertaking plantation from the management point of view from is free and all sorts of encumbrances and encroachments

Place : Jhajjar

Dated 18-05-2018

  
Divisional Forests Officer

Jhajjar Forest Division.

Office Seal.....