



Government of Jammu & Kashmir (UT)  
OFFICE OF THE CONSERVATOR OF FORESTS  
JAMMU EAST CIRCLE, JAMMU

**Subject: Work programme of Compensatory Afforestation w.r.t Forest clearance of road titled “Up-gradation to existing 2-lane highway to 4-lane with Paved Shoulder configuration (NH 144A) from km 26.350 (Khati Chowk) to km 30.097 (Hanuman Chowk) of Jammu-Akhnoor section in the UT of Jammu and Kashmir.”**

**Reference: DFO Jammu letter No: DFO-J/FCA/86-90 dated: 05.05.2022.**

**ORDER**

The work proposal for Compensatory Afforestation to be done in lieu of diversion of 0.349 hectare of Forest land in Comptt. No. 18/K in Jammu Forest Division for **FCA Proposal No: “FP/JK/ROAD/152548/2022”** to the tune of **Rs. 4.789 lacs** submitted by the Divisional Forest Officer, Jammu Forest Division is hereby approved/sanctioned as per the details given below:-

Proposal No.	Nomenclature of FCA Work	User Agency	Location of Proposed Work	Area involved for Diversion	Area under C.A Plan	Financial Implications of the proposal	Canopy Density
FP/JK/ROAD/152548/2022	Up-gradation to existing 2-lane highway to 4-lane with Paved Shoulder configuration (NH 144A) from km 26.350 (Khati Chowk) to km 30.097 (Hanuman Chowk) of Jammu-Akhnoor section	NHIDCL	18/K	0.349 Ha.	1 Ha	Rs. 4.789	10%

The approval/Sanction is subject to the following conditions:-

1. All the terms and conditions as per the provisions of Forest Conservation Act 1980 w.r.t Compensatory Afforestation are complied with.
2. That the existing Forest Tariff Rate Schedule shall be applicable.
3. That the Divisional Forest Officer Jammu Forest Division, Jammu shall be the implementing agency by executing the CA Plan.

*Yours*  
(B. Mohandaas, IFS)  
Conservator of Forests,  
East Circle, Jammu.

No: 104-07 /FCA/CFE/J

Dated: 09/05/2022

Copy submitted to the:-

1. Pr. Chief Conservator of Forests, (HoFF), J&K, Jammu for favour of information.
2. Chief Conservator of Forests/Nodal Officer, FCA, O/o the Pr. Chief Conservator of Forests, J&K for favour of information.
3. Chief Conservator of Forests, Jammu for favour of information.
4. DFO Jammu Forest Division for information and necessary action.



**OFFICE OF THE DIVISIONAL FOREST OFFICER  
JAMMU FOREST DIVISION, JAMMU**

Tel. & Fax No. 0191-2543516

Email - dfojammu1@gmail.com & dfojammu.for-jk@nic.in



The Conservator of Forests,  
East Circle,  
Jammu.

No: DFO-J/FCA/ 86-90

Dt: 5-5-2022

**Subject: - Work programme proposal of Compensatory Afforestation w.r.t Forest Clearance of road titled "Upgradation of existing 2 lane highway to 5- lane with paved shoulder configuration (NH-144A) from 26.350 (Khati Chowk) to Km 30.097 (hanuman Chowk) of Jammu Akhnoor section in the UT of J&K." Proposal No:FP/JK/Road/152548/2022**

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Sir,

On the above cited subject and reference, kindly find enclosed herewith the work programme proposal of Compensatory Afforestation to be raised in lieu of diversion of 0.349 Hac. of forest land involved in Proposal No: FP/JK/Road/152548/2022, titled "**Upgradation of existing 2 lane highway to 5- lane with paved shoulder configuration (NH-144A) from 26.350 (Khati Chowk) to Km 30.097 (hanuman Chowk) of Jammu Akhnoor section in the UT of J&K**".

It is further submitted that an area of 1 Hectare has been proposed for Compensatory Afforestation to accommodate the target plantation. The details of which are given below:

Proposal No.	Nomenclature of FCA Work	User Agency	Location of Proposed works	Area involved for diversion	Area under CA Plan	Financial Implication of the Proposal	Canopy Density
FP/ JK/ Road/ 15248/ 2022	Upgradation of existing 2 lane highway to 5-lane with paved shoulder configuration (NH-144A) from 26.350 (Khati Chowk) to Km 30.097 (hanuman Chowk).	NHIDCL	18/K	0.349 Hac.	1 Ha	4.789	10%

It is as such requested that the proposal may kindly be perused and necessary approval/sanction may kindly be accorded.

Yours faithfully,

*Amritpal Singh*

Divisional Forest Officer,  
Jammu Forest Division,  
Jammu

1. Copy submitted to the Chief Conservator of Forests, Jammu for favour of information and necessary action.
2. Copy submitted to the CCF/Nodal Officer, FCA O/o the Pr.CCF J&K for favour of information.
3. Copy submitted to the General Manager (P), NHIDCL, PMU-Akhnoor for information.
4. Copy to the Range Officer, Kalidhar for information.

A

## **Model Compensatory Afforestation Scheme**

**Full Title of the Forest Land Diversion Project:** Upgradation of existing 2 lane highway to 5- lane with paved shoulder configuration (NH-144A) from 26.350 (Khati Chowk) to Km 30.097 (hanuman Chowk) of Jammu Akhnoor section in the UT of J&K.

**File No:** FP/JK/Road/152548/2022

**Date of Proposal:** 23-03-2022

**Name of the Forest Division (where forest land is proposed to be diverted):** Jammu Forest Division

**Forest Area to be diverted:** 0.349 Ha.

### **Details of land where C.A. is to be carried out:**

Degraded forest land	Yes	Area: 1 Ha
Non-forest land	No	Area:Nil
Forest Division:	Jammu	District: Jammu
Range:	Kalidhar	Tehsil: Akhnoor
Compartment No:	18/K	Khasra No (for Non Forest land):
C.A Site (Name of location):	Tungi Morh	C.A Area (in Ha): 0.698 Ha

### **C.A Site Geo Coordinates:**

Starting Point: Longitude: 74°40'57.274"E Latitude: 32°58'52.906"N

Ending Point: Longitude: 74°40'.58.095"E Latitude: 32°58'52.294"N

In case of non-forest area identified for CA, then what is the distance of C.A site from the adjoining forest boundary: N/A

### **II. Description of C.A Site**

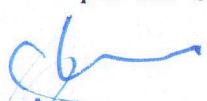
1. Soil type: Sandy
2. Topography: hilly/undulating/plain : Undulating
3. Slope: steep/medium/gentle: Medium
4. For non forest land-description of existing vegetation/root stock and density:
5. In case of degraded forest land-description of forest type and crown density: 10%

## II Plantation Model

S.No	Description			Rate (In Rs)	Total Amount (In Lakhs)
		Unit	No		
<b>A</b>	<b>Cost of Afforestation</b>				
1	1 <sup>st</sup> year Cost of Afforestation		698	40.03	0.279
2	2 <sup>nd</sup> year Maintenance		175	40.03	0.070
3	3 <sup>rd</sup> year Maintenance		70	40.03	0.028
4	4 <sup>th</sup> year Maintenance		35	40.03	0.014
5	5 <sup>th</sup> year Maintenance		35	40.03	0.014
6	6 <sup>th</sup> year Maintenance		35	40.03	0.014
7	7 <sup>th</sup> year Maintenance		35	40.03	0.014
8	8 <sup>th</sup> year Maintenance		35	40.03	0.014
9	9 <sup>th</sup> year Maintenance		35	40.03	0.014
10	10 <sup>th</sup> year Maintenance		35	40.03	0.014
<b>Total</b>					<b>0.475</b>
<b>B</b>	<b>Other Afforestation Interventions (As per the requirement of the site condition)</b>				
1	Patch Sowing	No. of Patches	500	6.99	0.035
2	Planting of Grass Slips	No. of Slips	500	6.35	0.032
<b>Total</b>					<b>0.067</b>
<b>C</b>	<b>Fencing</b>				
1	Square PCC Fence Posts with every 8th Pole & Corner Pole in Cement Concrete with 7 Strand G.I Wire	Rft	1500	150	2.250
2	Fencing Repair		375	50	0.117
<b>Total:</b>					<b>2.367</b>
<b>D</b>	Site Preparation:(Cutting, Grubbing and removal of Lantana)		0.5	22904	0.115
<b>E</b>	Pruning and thining of existing root stocks:		0	6.35	0
<b>F</b>	Soil and Water Conservation (DRSM Work)	<b>Cum</b>	30	1099	0.330
	Crate 20'x4'x4'	<b>LS</b>	0	0	1.000
<b>Total</b>					<b>1.445</b>
<b>Total C.A Charges(A+B+C+D+E+F)</b>					<b>4.354</b>
<b>G</b>	Supervisory/Watch & Ward/ Overhead/ Miscellaneous Charges: (10% of the C.A Charges)				0.4354
<b>Grand Total:(A+B+C+D+E+F+G)</b>					<b>4.789</b>

**III. Technical Details:-** Technical details of Compensatory Afforestation Scheme are as follows:-

- i. General Details:- An area of 1 Hac. will be taken up for planting under Compensatory Afforestation scheme in Compartment No.: 18/K is a single compact block wherein 698 no. of plants of local indigenous mixed BL species will be planted. The area will be protected by Barbed Wire fencing. Plants will be planted @1000 plants per hectare. Further the selected CA patch in Compartment No.18/K falls under the Rehabilitation cum Reboisement Working Circle (SS-1) as per the existing Working Plan of the division wherein effective protection from biotic/abiotic interference and ANR is prescribed.
- ii. Plantation Method:- Nursery grown one year old plants of Mixed species of Broadleaved and Fruit plants in Polythene bags will be planted in 45x45x45 cm pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 years in which beating up causalities will be done. The plantation will be rain fed.
- iii. Spacing:- 10ft x 10 ft Alignment.
- iv. Species proposal to the planted :- *Ziziphus jujuba, Ficus benghalensis, Pinus roxburghii, Syzygium cumini, Dalbergia sissoo, Acacia nilotica, Acacia modesta, Acacia catechu, Emblica officinalis* etc.
- v. Silviculture Operation:- Tending, Cleaning, pruning and upkeep of planted and naturally regenerated saplings will be done.
- vi. Soil and Moisture Conservation Works:- Minor soil conservation works like Drsm/Crate Works will be done where ever required.
- vii. Protection (Fencing, Watch man, People's Participation etc): Area will be protected from grazing by erecting barbed wire fencing around the plantation. Further watch and ward as also fire protection will be ensured.
- viii. Proposed Monitoring Mechanism:- The plantation will be monitored as per the existing monitoring mechanism in the department.

  
Range Officer  
Forest Range Kalidhar

  
Divisional Forest Officer  
Jammu Forest Division  
Jammu