

**Full Title of the Project:-** Construction and upgradation of Bharath to Keshwan link road upto Ingwan Gali Km 1<sup>st</sup> to 13<sup>th</sup>.

**File No.:-** FP/JK/ROAD/46463/2020.

**Date of Proposal:-** 22-06-2020.

**Name of the Forest Division:-** Doda Forest Division.

**Forest area to be diverted:-** 6.77Ha

**Detail of land where Compensatory Afforestation to be carried out:**

<b>Degraded Forest land:</b> Yes	<b>Area:</b> 14 Ha
<b>Non-Forest land:</b> No	<b>Forest Division:</b> Doda Forest Division
<b>Range:</b> Kuntwara	<b>District:</b> Doda
<b>Tehsil:</b> Bagla	<b>Compartment No.</b> 58/Kt
<b>C.A Site:</b> Bharath Village	<b>C.A Area:</b> 14 Ha.

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

<b>Starting point: Latitude:</b> 33°14.966' N	<b>Longitude:</b> 75°37.684' E
<b>Ending point: Latitude:</b> 33°14.968' N	<b>Longitude:</b> 75°37.576' E

**I. Description of C.A Site:**

- a. **Soil type:** Sandy Loom
- b. **Topography:** Hilly
- c. **Slope:** Medium and gentle.
- d. **In case of degraded forest land-description of forest land and crown density:** West Himalayan high level blue-pine forest (13/C/4) with crown density is 0.1

**Plantation Model:** Compensatory Afforestation over an area of 14 Hac. Of degraded forest land is proposed to be raised. The area selected for this purpose is in village Bharath, which is degraded forest. Presently the area supports scattered trees. Whole of the plantation of 14 Hac. will be raised in a single compact block inside the degraded forest for such purpose. The area identified for plantation has also been shown on the attached map. Plants @ 1000 plants per hectare will be planted. The species to be planted will be mainly conifer and other misc. species of broad leaved plants. The plantation will be raised in the following year after the approval of FCA proposal and further maintenance and beating up of failures will be done for the subsequent ten years. The scheme will be implemented by Forest Department through DFO, Doda. Total financial Outlay for compensatory plantation scheme is 2694596/- Site is suitable for Compensatory Afforestation. The monitoring will be done as per existing monitoring mechanism in the forest department at present.

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## Compensatory Afforestation for degraded forest area

S.No.	Description		Rate (in ₹)	Total amount (in ₹)
	Unit	No.		
A	1st year cost of Afforestation			
1	No.	14000	40.03	560420
2	2nd year maintenance	3500	40.03	140105
3	3rd year maintenance	1400	40.03	56042
4	4th year maintenance	700	40.03	28021
5	5th year maintenance	700	40.03	28021
6	6th year maintenance	700	40.03	28021
7	7th year maintenance	700	40.03	28021
8	8th year maintenance	700	40.03	28021
9	9th year maintenance	700	40.03	28021
9	10th year maintenance	700	40.03	28021
	<b>Total</b>	<b>23800</b>		<b>952714</b>

### B Other Afforestation Interventions (As per the requirement of the site condition)

1	Patch Sowing	No. of patches	4200	6.99	29358
2	Planting of grass slips	No. of slips	4200	6.35	26670
	<b>Total</b>				<b>56028</b>
C.	<b>Fencing:</b>				
1	Square PCC Post Fencing (4 Strand)	Rft	8400	72.78	611352
2	Wooden fencing				
3	Chain link fencing				
4	Fencing repair		4200	16.74	70308
	<b>Total</b>				<b>681660</b>
D	Site Preparation: (Cutting, Grubbing and removal of	Ha	4.2	22904	96196.8
E	Pruning and Training of existing root stocks:	No.	4200	6.35	26670
	<b>Total C.A Charges</b>				<b>1813268.8</b>
F	<b>Soil and water conservation and protection measures like constructon</b>				<b>700000</b>
	<b>Total (A+B+C+D+E+F)</b>				<b>2513268.8</b>
G	<b>of the C.A Charges)</b>				<b>181326.88</b>
	<b>Grand Total: (A+B+C+D+E+F+G)</b>				<b>2694595.68</b>

III **Technical Details:** Technical detail of compensatory afforestation scheme are as follow:

i **General detail**

ii **Plantation method:** Poly bags

iii **Spacing:** 2 x 2 m

iv **Species proposed to be planted:** Deodar and Kail

v **Silviculture Operations:** Nil

vi **Soil and Moisture Conservation Works:**

vii **Protection:** (Fencing, Watch and Ward, People's Participation etc): Yes

viii **Proposed monitoring Mechanisim:** Regular patrolling of concerned beat guard

ix **Any other information:** No

*Name*

**Divisional Forest Officer**  
Doda Forest Division Doda

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