

**Full Title of the Project:- Construction of road Udhyanpur to Rai Sarwal.**

**File No.:- FP/JK/ROAD/149333/2021.**

**Date of Proposal:- 23-11-2021.**

**Name of the Forest Division:- Social Forestry Division, Doda.**

**Forest area to be diverted:- 0.301Ha**

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

**Degraded Forest land: Yes**                      **Area: 0.301 Ha**  
**Non-Forest land: No**                              **Forest Division: Doda Forest Division**  
**Range: Kuntwara**                              **District: Doda**  
**Tehsil: Doda**                                      **Compartment No. 53/K**  
**C.A Site: Bhandas Village**                      **C.A Area: 0.65 Ha.**

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

**Starting point: Latitude: 33°10'22.712" N**                      **Longitude: 75°36'16.40" E**

**Ending point: Latitude: 33°10' 22.143" N**                      **Longitude: 75°36'18.246"E**

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

- i. **Soil type:** Sandy Loom with boulders
- j. **Topography:** Hilly
- k. **Slope:** Steep.

- l. **In case of degraded forest land-description of forest land and crown density:** Deodar Kail Conversion working circle with crown density is 10-20%.

**Plantation Model:** Compensatory Afforestation over an area of 0.65 Hac. of degraded forest land is proposed to be raised. The area selected for this purpose is in village Bhandas, which is degraded forest. Presently the area supports scattered trees. Whole of the plantation of 0.65 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 122873.09/- Site is suitable for Compensatory Afforestation. The monitoring will be done as per existing monitoring mechanism in the forest department at present.

  
Divisional Forest Officer  
Doda

# Compensatory Afforestation for degraded forest area

| Description                    |      |             | Rate (in ₹) | Total amount (in ₹) |
|--------------------------------|------|-------------|-------------|---------------------|
|                                | Unit | No.         |             |                     |
| 1st year cost of Afforestation | No.  | 650         | 40.03       | 26019.5             |
| 2nd year maintenance           |      | 163         | 40.03       | 6524.89             |
| 3rd year maintenance           |      | 65          | 40.03       | 2601.95             |
| 3 4th year maintenance         |      | 33          | 40.03       | 1320.99             |
| 4 5th year maintenance         |      | 33          | 40.03       | 1320.99             |
| 5 6th year maintenance         |      | 33          | 40.03       | 1320.99             |
| 6 7th year maintenance         |      | 33          | 40.03       | 1320.99             |
| 7 8th year maintenance         |      | 33          | 40.03       | 1320.99             |
| 8 9th year maintenance         |      | 33          | 40.03       | 1320.99             |
| 9 10th year maintenance        |      | 33          | 40.03       | 1320.99             |
| <b>Total</b>                   |      | <b>1109</b> |             | <b>44393.27</b>     |

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

|           |  |                |       |       |                  |
|-----------|--|----------------|-------|-------|------------------|
| 1         | Patch Sowing   | No. of patches | 195   | 6.99  | 1363.05          |
| 2         | Planting of grass slips  | No. of slips   | 195   | 6.35  | 1238.25          |
|           | <b>Total</b>   |                |       |       | <b>2601.3</b>    |
| <b>C.</b> | <b>Fencing:</b>  |                |       |       |                  |
| 1         | Square PCC Post Fencing (4 Strand)   | Rft            | 390   | 72.78 | 28384.2          |
| 2         | Wooden fencing   |                |       |       |                  |
| 3         | Chain link fencing   |                |       |       |                  |
| 4         | Fencing repair   |                | 390   | 16.74 | 6528.6           |
|           | <b>Total</b>   |                |       |       | <b>34912.8</b>   |
| <b>D</b>  | <b>Site Preparation: (Cutting, Grubbing and removal of lantana)</b>  | Ha             | 0.195 | 22904 | 4466.28          |
| <b>E</b>  | <b>Pruning and Training of existing root stocks:</b>   | No.            | 195   | 6.35  | 1238.25          |
|           | <b>Total C.A Charges</b>   |                |       |       | <b>87611.9</b>   |
| <b>F</b>  | <b>Soil and water conservation and protection measures like constructon of fire lines and inspection path.</b> |                |       |       | <b>26500</b>     |
|           | <b>Total (A+B+C+D+E+F)</b>   |                |       |       | <b>114111.9</b>  |
| <b>G</b>  | <b>Supervisory/Watch and ward/Overhead/Miscellaneous charges: (10% of the C.A Charges)</b>                     |                |       |       | <b>8761.19</b>   |
|           | <b>Grand Total: (A+B+C+D+E+F+G)</b>  |                |       |       | <b>122873.09</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, Kail, Oak and almus.

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

  
Divisional Forest Officer

7  Peds