

## SPECIAL FOREST DIVISION TANGMARG

Proposal for Compensatory afforestation of the proposed site in  
comptt.45/Gul( In FCA Case: Construction and Maintenance of Road from  
L039-Kakuthal to Brannar ,Stage II

**Full title of the forest land diversion project: Construction and Maintenance of  
Road from L039-Kakuthal to Brannar ,Stage II**

**File No:** FP/JK/ROAD/148320/2021

**Date of proposal:** 12-10-2021

**Name of forest division (where forest land is proposed to be diverted):** Special  
Forest Division Tangmarg

**Forest area to be diverted:** 0.16002 Ha

**Forest/NFL area to be planted:** 0.32164 Ha

**No.of trees to be felled:** NIL

**No.of plants/poles to be damaged:** NIL

**No. of plants to be planted in the scheme:** 500 Nos.

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

**Degraded forest land** yes/No      yes      **Area =** 0.32164 Ha

**Non -forest land**      yes/No      No      **Area =** Nil Ha

**Forest division:** Special Forest Division Tangmarg

**District:** Baramulla

**Range:** Gulmarg Range

**Tehsil:** Tangmarg

**Compartment No:** 45 /Gul

**Khasra No. (for non forest land):** Nil

**C.A Site (Name of the location):** Reshipora

**C.A. Area (in Ha):** 0.32164 Ha

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

**Start point: Latitude** 34° 7' 10.68"N **longitude** 74° 25' 21.78"E

**End point: Latitude** 34° 7' 13.78"N **Longitude** 74° 25' 23.11"E

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

- a) **Soiltype:** Clayey loam, Humus deep
- b) **Topography:** Gentle with undulating terrain
- c) **Slope:** Moderate
- d) **Foresttype:** Himalayan temperate forest
- e) **Density:** 0.1

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**II.Plantation Model:**

S.No.	Description	Unit	Target	Rate (in Rs.)	Total Amount (in Rs.)
<b>A</b>	<b>1st year cost of afforestation</b>	No	500	29.34	14670
1	2 <sup>rd</sup> year maintenance				3667
2	3 <sup>rd</sup> year maintenance				3667
3	4 <sup>rd</sup> year maintenance				2200
4	5 <sup>rd</sup> year maintenance				2200
5	6 <sup>rd</sup> year maintenance				2200
6	7 <sup>rd</sup> year maintenance				2200
7	8 <sup>rd</sup> year maintenance				2200
8	9 <sup>rd</sup> year maintenance				2200
9	10 <sup>rd</sup> year maintenance				2200
	Total				37404
<b>B</b>	<b>Other afforestation Interventions(As per the requirement of the site conditions)</b>				
1	Dibbling	No.	500	7.18	3590
2	Patch sowing	No.	200	6.99	1398
<b>C</b>	<b>Fencing:</b>				
1	Angle Iron Fencing	RFTs	881	252	222012
2	Fencing Repair(5 <sup>th</sup> year)	RFTs	881	16.74	14747.94
<b>D</b>	<b>Site Preparation(Cutting, Grubbing and removal of lantana)</b>				
<b>E</b>	<b>Pruning and trimming of existing root stocks</b>				
<b>Total C.A.Charges</b>					<b>279151.94</b>
<b>F</b>	<b>Soil and water conservation and protection measures like construction of fire lines and inspection path</b>				50000
	<b>Total (A+B+C+D+E+F)</b>				<b>329151.94</b>
<b>G</b>	<b>Supervisory watch &amp; Ward /Overhead/Miscellaneous charges(10% of the C.A.Charges)</b>				32915.194
<b>Grand Total(A+B+C+D+E+F+G)</b>					<b>362067.134</b>
<b>Total Net Present Value per Ha @ Rs.8,97,000</b>					143520.00
<b>Grand Total =(C.A.+ NPV)</b>					<b>505587.134</b>

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### III. Technical Details:

i) **General Details::**-The site selected for CA plantation is degraded and falling in Reboisement working circle and is prone to encroachment and as such needs rehabilitation in the formation/establishment of a plantation closure.

ii) **Plantation Method:** In the plantation model(staggered model), 1.5'\*1.5\*1.5'\*Ft. will be the pit size and plants will be planted in the CA closure. The plantation proposed with patch sowing and dibbling keeping in consideration the overall biodiversity augmentation, rehabilitation and conservation in the area of treatment.

iii) **Spacing:**The spacing between plant to plant and line to line will be=2.5metre\*2metre.

iv) **Species proposal to be planted:**Deodar (Cedrus deodara), Kail (Pinus wallichiana) and Dibbling of H.C.nuts (Aesculus indica) and patch sowing of some grass species.

v) **Silvicultural operation:**The unwanted weeds will be removed before the initiation of the plantation in the closure. Besides, site specific species as given above will be planted in the plantation closure.

vi) **Soil and moisture conservation**

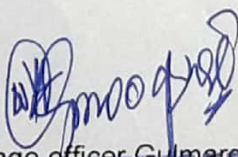
**Works and protection measures:**contour bunding and DRSM Works

vii) **Protection (fencing, watch& ward,**

**People's participation etc):** The angle iron barbed wire fencing with six strands has been proposed for the establishment of CA Plantation closure.Futher, local labours will be engaged for watch and ward of the plantation closure.

viii) **Proposed monitoring mechanism:**Regular monitoring will be carried out at all levels(Forester, Range officer and DFO level) as per the CAMPA guidelines.

ix) **Any other information:** NIL

  
Range officer Gulmarg  
**RANGE OFFICER**  
**GULMARG RANGE**  
**TANGMARG**

  
Divisional Forest Officer  
Special Forest Division  
Tangmarg