

SPECIAL FOREST DIVISION TANGMARG

Proposal for Compensatory afforestation of the proposed site in comppt.63a
/Gul(In FCA Case: Water Supply Scheme Chandil Wanigam)

Full title of the forest land diversion project:Water Supply Scheme Chandil Wanigam

File No:FP/JK/WATER/144569/2021

Date of proposal:28-07-2021

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

Forest area to be diverted: 0.3134Hectares

Forest/NFL area to be planted: 0.6268 Hectares

No.of trees to be felled:NIL

No.of plants/poles to be damaged:NIL

No. of plants to be planted in the scheme: 700 Nos.

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

Degraded forest land yes/No yes **Area =** 0.6268Ha

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

Forest division: Special Forest Division Tangmarg

District: Baramulla

Range: Gulmarg Range

Tehsil: Tangmarg

Compartment No: 63a/Gul

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

C.A Site (Name of the location): Tumberhama **C.A. Area =** .6268Ha

C.A .Site Geo Coordinates:

Start point: Latitude: 34° 3'17.58"N **longitude:** 74°27'39.75"E

End point: Latitude:34° 3'15.35"N**Longitude:** 74°27'31.62"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 (zero)

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II.Plantation Model:

S.No.	Description	Unit	Target	Rate (in Rs.)	Total Amount (in Rs.)
A	1st year cost of afforestation	No	700	60.7	42490
1	2 rd year maintenance				10622
2	3 rd year maintenance				6373
3	4 rd year maintenance				2124
4	5 rd year maintenance				2124
5	6 rd year maintenance				2124
6	7 rd year maintenance				2124
7	8 rd year maintenance				2124
8	9 rd year maintenance				2124
9	10 rd year maintenance				2124
	Total				74353
B	Other afforestation Interventions(As per the requirement of the site conditions)				
1	Dibbling	No.	500	7.18	3590
2	Patch sowing	No.	500	6.35	3175
C	Fencing:				
1	Angle Iron Fencing	RFTs	1800	252	453600
2	Fencing Repair(5 th year)	RFTs	1800	16.74	30132
D	Site Preparation(Cutting, Grubbing and removal of lantana)	-	-	-	-
E	Pruning and trimming of existing root stocks	-	-	-	-
C.A.Charges					564850
F	Soil and water conservation and protection measures like construction of fire lines and inspection path etc.				50000
	Total (A+B+C+D+E+F)				614850.00
G	Overhead charges(10% of the C.A.Charges)				61485.00
Grand Total(A+B+C+D+E+F+G)					676335.00
Total Net Present Value per Ha @ Rs.1069470					335171.898
Grand Total =(C.A.+ NPV)					1011506.898

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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), 45cm*45cm*45cm* 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**

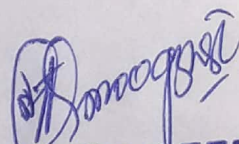
Works and protection measures: DRSM and path construction

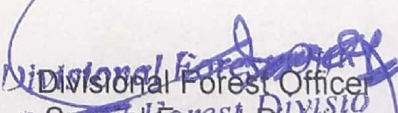
vii) **Protection (fencing, watch& ward,**

People's participation etc): The angle iron barbed wire fencing with six strands has been proposed for the establishment of CA Plantation closure. Further, 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

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