

Model Compensatory Afforestation Scheme

Full Title of the Forest Land Diversion Project: **Construction of road from Neeru-Skinder**

File No: FP/JK/Road/57299/2020.

Date of Proposal: 24.11.2020.

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

Forest Area to be diverted: - 3.67 Ha

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

Degraded forest land Yes/No: Yes Area: 7.34 Ha

Non-forest land Yes/No Area: -----

Forest Division: Bandipora Forest Division District: Bandipora

Range: Gurez Tehsil: Tulail

Compartment No: 39-b/T Khasra No. (for Non Forest land):

C.A. Site (Name of the location): Purana Tulail C.A Area (in Ha): 7.34 Ha

C.A. Site Geo Coordinates:

Starting Point: Latitude: 34° 35' 36.65" N. Longitude: 74° 59' 07.13" E.

Ending Point: Latitude: 34° 35' 38.41" N. Longitude: 74° 59' 25.92" E.

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

Description of C.A Site:

- a) Soil type: Rocky
- b) Topography: hilly/undulating/plain: Hilly
- c) Slope: steep/medium/gentle: Steep
- e) In case of degraded forest land-description of forest type and crown density: Eco-Class VI /Open
- d) For non forest land- description of existing vegetation/root stock and density: -----

II. Plantation Model: CA plan has to be site specific considering all relevant factors including crown density of existing vegetation, type of existing vegetation, and species to be planted. In Jammu region, about 600-700 plants/Ha are planted on the sites proposed for C.A on degraded forests. In Kashmir region, 800-1100 plants/Ha (average about 1000 plants/ha) are planted on the sites proposed on degraded forests.

It may be noted that forest land diversion proposals and corresponding CA proposals are usually very small in size — mostly less than 5 ha- and therefore fencing cost per ha is high compared to large size afforestation proposals.

CA for 7.34 Ha in Degraded Forests in Kashmir Region

S No	Description			Rate (in	Total Amount(in Rs)
A	Unit				
1	1st year cost of Afforestation	No	7340	60.7	445538
2	2nd year Maintenance		1825	60.7	110778
3	3 rd year Maintenance		1100	60.7	66770
4	4 th year Maintenance		734	60.7	44554
5	5 th year Maintenance		365	60.7	22155
6	6 th year Maintenance		365	60.7	22155
7	7 th year Maintenance		365	60.7	22155
8	8 th year Maintenance		365	60.7	22155
9	9 th year Maintenance		365	60.7	22155
10	10 th year Maintenance		365	60.7	22155
	Total				800570
B	Other Afforestation Interventions: (As per the requirement of the site condition)				
1	Dibbling	No	1468	7.18	10540
2	Planting of Grass Slips	No of slips	1468	6.35	9321
	Total				19861
C	Fencing:				
1	Square PCC Post Fencing (4 Strand / 7 Strand)	RFT	4404	252	1109808
2	Wooden Fencing				
3	Chain link Fencing				
4	Fencing Repair		4404	16.74	73722
	Total				1183531
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)	Ha			
E	Pruning and Training of Existing Root Stocks:	No.			
	Total C.A Charges				2003962
F	Soil & water conservation and protection measures like construction of fire lines and inspection path				367000
	Total (A+B+C+D+E+F)				2370962
G	Supervisory/ Watch & Ward / Overhead/Miscellaneous Charges: (10% of the C.A Charges)				237096
	Grand Total: (A+B+C+D+E+F+G)				2608058

The Afforestation cost is calculated as per the JAMMU & KASHMIR FOREST RATE SCHEDULE TARIFF 2017.

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

- i) General Details: The area is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.
- ii) Planting Method: Triangular planting
- iii) Spacing: 2Mtr x 2Mtr
- iv) Species proposed to be planted: Conifer and Broad leaved (mixed)
- v) Silvicultural Operations: -- Nil
- vi) Soil & water Conservation Works: construction of DRSM/Crate work
- vii) Protection: Fencing, Watch and Ward, People's Participation etc
- viii) Proposed Monitoring Mechanism: Watch & Ward
- ix) Any other information: Broad leaved plants are likely to thrive on the proposed site


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