

Full Title of the project:-Construction of 45Mtr span Bridge over Gurai Nalla.  
File No: - FP/JK/Approach/143480/2021  
Date of proposal: - 14/06/2021.

### **Model Compensatory Afforestation Scheme**

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

**Bandipora Forest Div.**

Forest Area to be diverted: - **0.25 Ha**

Forest/NFL area to be planted: - **0.25 Ha**

**0.05 Ha (Extra vacant area) = 0.30 Ha**

No. of trees to be felled:-10

No. of plants/poles to be damaged: - Nil

No. of plants to be planted in the scheme: - 250

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

Degraded forest land Yes/No: - **Yes Area: -**

<b>0.25 Ha</b>	
<b>Cropped area</b>	<b>= 0.05 Ha</b>
<b>Blank area</b>	<b>= 0.25 Ha</b>
<b>Total:</b>	<b>= 0.30 Ha</b>

Non-forest land No Area: - ---

**Forest Division:** Bandipora Forest Division **District:** Bandipora

**Range:** Gurez **Tehsil:** Gurez

**Compartment No:-**68/KG **Khasra No (for Non Forest land):**

**C.A.Site (Name of the location):-**Chuntiwari **C.A Area (in Ha):-**0.25

**0.05 Ha (Cropped area) Total= 0.30 Ha**

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

Starting Point: Latitude: 34°39'30.04" N Longitude: 74°41'26.09" E

Ending Point: Latitude: 34°39'29.50" N Longitude: 74°41'27.74" E

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

Description of C.A Site:

a) Soil type:-Rocky

b) Topography: hilly/undulating/plain: - Hilly

c) Slope: steep/medium/gentle: - Medium

e) In case of degraded forest land-description of forest type and crown density: Canopy density 0.2

d) For non forest land- description of existing vegetation/root stock and density: NA

**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. Min 1000 plants/ Ha will be planted.

**Model CA for 0.25 Ha 0.05 Ha (Extra vacant area) = 0.30 Ha  
in Degraded Forests in Kashmir Region**

S No	Description	Unit	Plants	Rate (in Rs)	Total Amount (in Rs)
<b>A</b>					
1	1 <sup>st</sup> year cost of Afforestation	No	250	60.7	15175
2	2 <sup>nd</sup> year Maintenance (@ 25%)		62	60.7	3763
3	3 <sup>rd</sup> year Maintenance (@ 10%)		25	60.7	1518
4	4 <sup>th</sup> year Maintenance (@ 5%)		13	60.7	789
5	5 <sup>th</sup> year Maintenance (@ 5%)		13	60.7	789
6	6 <sup>th</sup> year Maintenance (@ 5%)		13	60.7	789
7	7 <sup>th</sup> year Maintenance (@ 5%)		13	60.7	789
8	8 <sup>th</sup> year Maintenance (@ 5%)		13	60.7	789
9	9 <sup>th</sup> year Maintenance (@ 5%)		13	60.7	789
10	10 <sup>th</sup> year Maintenance (@ 5%)		13	60.7	789
	<b>Total:-</b>				<b>25979</b>
<b>B</b>	<b>Other Afforestation Interventions :( As per the requirement of the site condition)</b>				
1	Dibbling	No	50	7.18	359
2	Planting of Grass Slips	No of slips	50	6.35	318
	<b>Total:-</b>				<b>677</b>
<b>C</b>	<b>Fencing:</b>				
1	Square PCC Post Fencing ( 4 Strand / 7 Strand)	RFT	700	252	176400
2	Wooden Fencing		--	--	--
3	Chain link Fencing		--	--	
4	Fencing Repair		700	16.74	11718
	<b>Total:-</b>				<b>188118</b>
<b>D</b>	Site Preparation: ( Cutting, Grubbing and removal of Lantana)	Ha			--
<b>E</b>	Pruning and Training of Existing Root Stocks:	No.			--
	<b>Total C.A Charges</b>				<b>214774</b>
<b>F</b>	Soil & water conservation and protection measures like construction of fire lines and inspection path				<b>12500</b>
	<b>Total ( A+B+C+D+E+F)</b>				<b>227274</b>
<b>G</b>	<b>Overhead Charges: (10% of the C.A Charges)</b>				<b>21477</b>
	<b>Grand Total: ( A+B+C+D+E+F+G)</b>				<b>248751</b>
	<b>Total Net Present Value per Ha @ 6,99,000.00</b>				<b>174750</b>
	<b>Grand Total: ( CA + NPV)</b>				<b>423501</b>

• 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:

ii). Planting Method: - Triangular Planting

iii). Spacing: - 3.15 Mtr x 3.15 Mtr

iv). Species proposed to be planted: - Conifer and B. Leaved (Mixed)

v). Silvicultural Operations: - Nil

vi). Soil & water Conservation Works: - Crate Work/ Check dam

vii). Protection: - Fencing, Creation of fire-lines & inspection paths.

viii). Proposed Monitoring Mechanism:-By Concerned Beat Staff

ix). Any other information: Nil

  
Range Officer

  
Divisional Forest Officer  
Bandipora Forest Division  
Chittarnar