

Special Forest Division Kulgam

Model Compensatory Afforestation Scheme

1	Full Title of the Forest land Diversion Project	CONSTRUCTION OF WATER SUPPLY SCHEME AUGMENTATION BRINAL ALONG WITH LAYING OF 150 MM DIA 1500M RAW WATER MAIN		
2	Proposal No.	FP/JK/WATER/147717/2021		
3	Date of Proposal	12/10/2021		
4	Name of Forest Division (where forest land is proposed to be diverted)	Special Forest Division Kulgam		
5	Forest Area to be Diverted	0.0819 Ha		
6	<u>Details of Land where CA is to be carried out</u>			
6.1	Degraded Forest Land	yes		
6.2	Area	0.1638 Ha		
6.3	Forest Division	Special Forest Division Kulgam	District	Kulgam
6.4	Range	Kulgam	Tehsil	Kulgam
6.5	Compartment No.	N-34	Khasra No. (For Non-forest land)	Nil
6.6	CA Site (Name of Location)	Brinal		
6.7	CA Area (in Ha)	0.1638 Ha		
6.8	CA Site Geo-coordinates:			
6.8.1	Point A	33°34'29.32'' N	75°05'31.09'' E	
6.8.2	Point B	33°34'28.38'' N	75°05'29.97'' E	
6.8.3	Point C	33°34'37.27'' N	75°05'31.78'' E	
6.8.4	Point D	33°34'27.89'' N	75°05'32.38'' E	
7	Description of CA Site			
7.1	Soil Type	The site has good percentage of humus. Soil is clayey , fertile and deep		
7.2	Topography (Hilly/Undulating/Plain)	Hilly/Undulating		
7.3	Slope: Steep/Medium/Gentle	Medium to steep		
7.4	Description of Forest Type and Crown Density	Kail forms the major crop with canopy density of 0.2 to 0.6		

[Signature]
Range Officer
Special Forest Division
Kulgam

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Divisional Forest Officer
Spl. Forest Division
Kulgam



Kulgam Forest Division

Model Compensatory Afforestation Scheme

Full Title of the Forest land Diversion Project

CONSTRUCTION OF WATER SUPPLY
SCHEME AUGMENTATION BRINAL ALONG
WITH LAYING OF 150 MM DIA 1200M RAW
WATER MAIN

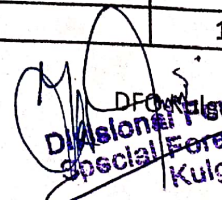
Proposal No.

FP/JK/WATER/147717/2021

Area to be treated in Ha

0.1638

Area to be treated in Ha 0.1638					
S. No.	Description	Unit	Rate (1000/Ha)	Rate/Plant in Rs.	Total Amount in Rs.
A	1st Year cost of Afforestation	No.	164	60.7	9943
1	2nd year Maintenance (25%)		41		2486
2	3rd year Maintenance (10%)		16		994
3	4th year Maintenance (5%)		8		497
4	5th year Maintenance (5%)		8		497
5	6th year Maintenance (5%)		8		497
6	7th year Maintenance (5%)		8		497
7	8th year Maintenance (5%)		8		497
8	9th year Maintenance (5%)		8		497
9	10th year Maintenance (5%)		8		497
	Total				16903
B	Other Afforestation Interventions (As per the requirement of the site conditions)				
1	Dibbling	No.	33	7.18	235
2	Planting of Grass Slips	No. of slips	33	6.35	208
	Total				443
C	Fencing				
1	Angle Iron posts with barbed wire Fencing	Rft			0
2	Wooden Fencing		514	68.77	35348
3	Chain-link Fencing				0
4	Fence Repairing		514	16.74	8604
	Total				43952
D	Site Preparation (Cutting, Grubbing and Removal of un-wanted material)	LS			5000
E	Pruning and training of existing root stock	LS			0
	Total				5000
F	Soil & Water conservation and protection measures like construction of fire lines and insection path				5000
	Total A+B+C+D+E+F				71298
G	Overhead Charges (10% of CA charges)				7130
	Total A+B+C+D+E+F+G				78428
	Total Net Present Value per Ha @ 1069470/-				87590
	Grand Total (CA + NPV)				166017

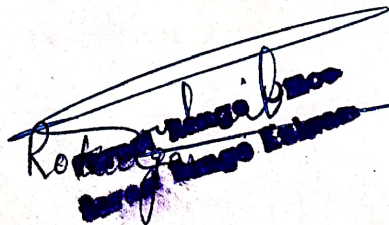

 Divisional Forest Officer
 Special Forest Division
 Kulgam

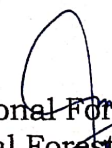


Special Forest Division Kulgam

Technical Details

1	General Details	
1.1	Forest Division	Special Forest Division kulgam
1.2	Forest Range	Kulgam
1.3	Forest Block	Lammer
1.4	Compartment No.	N-34
1.5	Working Circle	Deodar-Kail
1.6	Nearby Village	Brinal
1.7	Total Area of Compartment	93.7 Ha
1.8	Topography	Medium to steep slope with undulations
1.9	Conditions of existing vegetation	Major crop in the compartment is kail having almost closed canopy towards upper side and open canopy on lower side. The lower part is very much degraded
1.10	Canopy Density	0.2 to 0.6
2	Plantation Method	Plants raised in ploybags will be planted in pits of size 1.5ft*1.5ft*1.5ft.
3	Spacing	Square Planting with Spacing of 10ft*10ft
4	Species Proposed to be Planted	Conifers and Broad-leaved along with some grasses
5	Silvicultural operations	Cleaning, bush cutting and planting of desired species
6	Soil and Moisture Conservation works	-
7	Protection (Fencing, Watch & Ward, Peoples Participation, etc)	Mentioned at point G of Plantation Model
8	Proposed Monitoring Mechanism	Quarterly Monitoring/Supervision
9	Any Other Information	-


 R. K. Singh
 Sd/- Range Officer


 Divisional Forest Officer
 Special Forest Division
 Kulgam
 Sd/- Forest Division
 Kulgam

MAP OF CA SITE

CA Site in Comptt. N-34 Lammer

Latitude = $33^{\circ}34'28.05''\text{N}$

Longitude = $75^{\circ}5'31.17''\text{E}$

Total Area to be treated = 0.1638 Ha (514 Rfts)

Google Earth

Image © 2022 Maxar Technologies

40 m

N

Forest Range Office

Forest Range Kulam

R. O. Kulam

Divisional Forest Officer

Special Forest Division

Spt. Forest Division

Kulam

