

COMPENSATORY AFFORESTATION PLAN						
Full title of the Forest land Diversion project		Stone Quarry Sangaldan for mining of stones for rail line construction by Gammon Engineers and Contractors				
File No:		FP/JK/QR/150118/2021				
Date of Proposal:		13-12-2022				
Name of the Forest Division (where forest land is proposed to be diverted):		Ramban Forest Division				
Forest area to be diverted:		0.63 ha				
Forest/NFA to be planted		1.39 ha				
No. of trees to be felled		7				
No. of poles/plants to be damaged		0				
No. of plants to be planted		1260				
Details of land where C.A. is to be carried out:						
Degraded forest land		Yes	Area:	1.39 ha		
Non-forest land		NA	Area:	NA		
Forest Division		Ramban				
Range :		Gool				
Compartment		30/Ar				
Khasra No. (for non-forest land)		NA				
C.A Site (Name of the location):		Bimbalas Jabbar Gool				
CA site (Area)		1.39 ha				
C.A Site Geo Coordinates:-Gool Panchayat						
(i) Starting point		Latitude:- 33°15'46.48"N Longitude:- 74°59'12.51"E				
(ii) End Point		Latitude:- 33°15'44.75"N Longitude:- 74°59'9.35"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
a) Soil type:			Sandy loam			
b) Topography: hilly/undulating/plain:			Hilly			
c) Slope: Steep/medium/gentle:			Medium			
d) For non-forest land - description of existing vegetation/root stock and density :			NA			
e) In case of degraded forest land- description of forest type and crown density:			Low level Blue Pine Forests and 0.10			
S.No.	Description	Area (in Ha)	Unit	Quantity	Rate Per Rft.	Amount (in Lacs)
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 4 strands of black annealed Barbed Wire conforming to the product code BA-BW. At least every 8th fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.	1.39	rft	1680	72.78	1.22270

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Deodar (Cedrus deodara), Pinus excelsa (Kail), Quercus sps, Melia azarachtica (Dhreenkh) and other broad leaved species.			No.	800	40.03	0.32024
3	Planting of Naked Root plants in pits (45 x 45 x 45 Cms) of species local species like Melia, Ulmus, Apricot etc.			No.	460	33.27	0.15304
6	Dibbling in Patches of Oak seeds (45 x 45 x 15 Cms)			No.	278	7.18	0.01996
7	Sowing in Patches red clover grass seeds etc (45 x 45 x 15 Cms)			No.	278	6.99	0.01943
9	Construction of inspection Path 1.00 meter wide with standard specification.			km	0.3	36971	0.11091
10	Soil Conservation Works by means of DRSM			cum	20	1099	0.21980
10	Maintenance of the closure for 10 years	2nd year maintenance of the plantation		No.	315	LS	0.21085
		3rd year maintenance of the plantation		No.	189	LS	0.08434
		4th year maintenance of the plantation		No.	63	LS	0.04217
		5th year maintenance of the plantation		No.	63	LS	0.01601
		6th year maintenance of the plantation		No.	63	LS	0.01601
		7th year maintenance of the plantation		No.	63	LS	0.01601
		8th year maintenance of the plantation		No.	63	LS	0.01601
		9th year maintenance of the plantation		No.	63	LS	0.01601
		10th year maintenance of the plantation		No.	63	LS	0.01601
		Fencing repair	No.	rft	1680	16.74	0.28123
		Total					2.78075
11	Overhead charges				10% of CA		0.27808
	G.Total						3.05883
	III) Technical Details: - Technical details of Compensatory Afforestation Scheme are as follows:-						
a	General details		An area of 1.39 ha with crown density 0.10 will be taken under Compensatory Afforestation Scheme in Co 30/Ar in Gool Range in a single compact Block. The area will be fenced by using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 4 strands of black annealed Barbed Wire conforming to the product code BA-BW. The species like Pinus excelsa (Kail), Fir, Quercus incana (Banj), Melia azarachtica (Dhreenkh), and other broad leaved species will be planted in the area				
b	Plantation method		Nursery grown 2-3 years old plants will be planted in the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualities and repair of fencing will be done. The plantation will be rain fed.				

c	Spacing	2.5 mtrs*2.5 mtrs
d	Species proposed to be planted	Fir, Deodar (Cedrus deodara), Quercus incana (Banj), Deodar (Cedrus deodara), Melia azarachtica (Dhreenkh), Pinus excelsa (Kail), , Ulmus wallichiana (Bren) Patch sowing of Red Clover grass seeds etc.
e	Silvicultural Operation	The land is almost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done wherever required using dry rubble stone masonry.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularly monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Name: Bikramjit Singh Sahota
 Designation: Project Director
 For Gammon Engineers and
 Contractors Pvt Ltd



[Signature]
 Range Officer
 Gool

[Signature]
Divisional Forest Officer
Ramban Forest Division
Ramban