

"Annexure-A"

Proposed Work programme under Compensatory Afforestation Scheme for forest land coming in the road alignment of 'Bani to Billawar Via Dhaggar, Dhaman and Deri-Gala Under CRF Phase 1st PWD(R&B)' road in comptt. 25a/Blr in respect of Malhar Forest Range			
Full Title of the Forest Land Diversion Project:	Bani to Billawar Via Dhaggar,Dhaman and Deri-Gala Under CRF Phase 1st		
File No.	FP/JK/ROAD/121506/2021		
Date of Proposal	03.02.2021		
Name of Forest Division (whether forest land is proposed to be diverted):	Billawar Forest Division		
Forest Area to be diverted:	1.505 Ha		
Details of land where C.A is to be carried out:			
Degraded forest land Yes/No.	Yes	Area	3.01 Ha
Non-Forest land Yes/No.	No.	Area	Nil
District	Kathua		
Range	Malhar		
Tehsil	Lohai- Malhar		
Compartment No.	25a/Blr		
Khasara No. (For Non-Forest Land)	Na		
C.A. Site (Name of location)	Thall		
C.A. Area in Ha	3.01 Ha		
C.A. Site Geo coordinates:			
Starting Point	Latitude	Longitude	
	32°43'27.03"	75°38'52.07"	
Ending Point	Latitude	Longitude	
	32°43'15.68"	75°38'44.20"	
In case of non-forest area identified for CA, then what is distance of C.A site from the adjoining forest boundary	NA		
I	Description of C.A Site.		
a	Soil type	Clay	
b	Topography: hilly/undulating/pain	Hilly	
c	Slop: steep/medium/gentle:	Steep	
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:	The proposed area is a degraded forest area bearing very sparse Oak and Deodar crop towards North-East. There is ample scope of regenerating the patch by means of Aided Natural Regeneration (ANR) by plantation of local species, predominantly, Oak & Deodar in closure. Crown Density = 0.3	
f	Working Circle & Prescription:	Working Circle: Fir Selection Working Circle. W.C. Prescription: There shall be strict control against fires, illicit fellings encroachments, uncontrolled/excessive grazing and other such biotic interferences. The denuded areas should be planted, Preferences should be given to soil binding and fodder species .	
g	Proposed intervention:	The area need to be regenerated by Aided Natural Regeneration (ANR) i.e. by effective fencing, planting of Oak & Deodar and grasses to meet the demand of fodder of local inhabitants in future. In order to conserve water in the said area, construction of DRSM , has also been proposed.	
h	Species to be planted	Cedrus deodara/Quercus incana	


 Range Forest Officer
 Mahar Forest Range
 Malhar


 Divisional Forest Officer
 Billawar Forest Division
 Billawar

Detailed programme under Compensatory Afforestation Scheme for forest land coming in the road alignment of 'Bani to Billawar Via Dhaggar, Dhaman and Deri-Gala Under CRF Phase 1st PWD (R&B)' road in comptt. 25a/Blr in respect of Malhar Forest Range

S.No	Description			Rate (in Rs)	Total Amount (in Rs)
A		Unit	No		
1	1 st Year cost of Afforestation		3010	40.03	120490.30
2	2 nd Year Maintenance		753	40.03	30122.58
3	3 rd Year Maintenance		301	40.03	12049.03
4	4 nd Year Maintenance		150	40.03	6004.50
5	5 nd Year Maintenance		150	40.03	6004.50
6	6 nd Year Maintenance		150	40.03	6004.50
7	7 nd Year Maintenance		150	40.03	6004.50
8	8 nd Year Maintenance		150	40.03	6004.50
9	9 nd Year Maintenance		150	40.03	6004.50
10	10 nd Year Maintenance		150	40.03	6004.50
	Total				204693.41
B	Other Afforestation Interventions (As per the requirement of the site condition)				
1	Patch Sowing	No of patches	300	6.99	2097.00
2	Planting of Grass Slips	No of slips	400	6.35	2540.00
	Total				4637.00
C	Fencing:				
1	Square PCC Post Fencing (4 Strand/7 Strand)	RFT	2340	72.78	170305.20
2	Woodern Fencing	-	-	-	0.00
3	Chain Link Fencing	-	-	-	0.00
4	Fencing Repair		2340	16.74	39171.60
	Total				209476.80
D	Site Preparation: (Cutting,Grubbing and removal of Lantana)	Ha	-	22904	0.00
E	Pruning and thining of existng root stocks:	No	-	6.35	0.00
	Total C.A Charges:				418807.21
F	Soil & Water Conservation (DRSM Work)	Cum	60	1099	65940.00
	Total (A+B+C+D+E+F)				484747.21
G	Supervisory/ Overhead/Miscellaneous Charges: (10 % of the C.A Charges)				41880.72
Grand Total					526627.93
	Rounded off amount (CA)				5.27


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

General Details: An area of **3.01 ha** will be taken up for planting under compensatory afforestation scheme in forest compartment No. 25a/Blr in a single compact block. The area will be protected by using square PCC fence posts with barbed wire fencing and by planting Deodar/Oak species plants. Plants will be planted @1000 plants per ha

Spacing: 2.50 mts x 2.50 mts.

Species : Deodar/Oak(*Cedrus deodara/Quercus incana*).

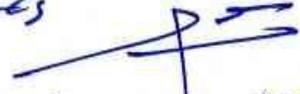
Plantation Method: Nursery grown one to two years old plants of Spruce/Oak species will be planted in the pits of size 45 x 45 x 45 cm in the selected area. The plantation will be maintained for subsequent 10 years in which beating up failures will be done. The plantation will be rain fed.

Soil and Moisture Conservation Works:- Minor soil conservation works like DRSM will be done where ever required

Protection (Fencing, Watch man, People's Participation etc.):- Area will be protected from grazing by erecting barbed wire fencing around the plantation site

Proposed Monitoring Mechanism:- The plantation will be monitored as per existing monitoring mechanism in the forest department. The plantation will also be monitoring by GOI representatives as per instructions


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