



GOVERNMENT OF JAMMU AND KASHMIR
OFFICE OF THE CONSERVATOR OF FORESTS EAST CIRCLE, JAMMU
FOREST COMPLEX, DOGRA HALL, JAMMU

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**Sub: Accord of Administrative Approval and Technical Sanction for CA Plan in respect of
FCA Proposal No. FP/JK/ROAD/142566/2021 (Development of Package – 15 (KM
468+100 to KM 503+250) of Phase-II Delhi Katra Expressway).**

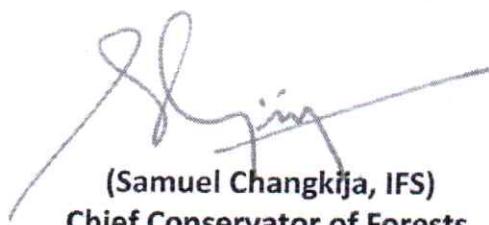
ORDER

The work proposal for Compensatory Afforestation to be done in lieu of diversion of 0.6642 Ha of Forest land in Kathua Forest Division for **FCA proposal No: FP/JK/ROAD/142566/2021** to the tune of **Rs. 4.00/- lacs** prepared and submitted by the Divisional Forest Officer, Kathua Forest Division vide his No. KFD/Estt/2021-22/2082 dated 18.08.2021 is hereby approved/sanctioned as per the details given below:-

Proposal No.	Nomenclature of FCA Work	User agency	Location of Proposed Work	Area involved for Diversion	Area under C.A Plan	Financial Implications of the proposal (in Lakhs)	Canopy Density
FP/JK/Road/142566/2021	Development of Package – 15 (KM 468+100 to KM 503+250) of Phase-II Delhi Katra Expressway	NHAI	75/J	0.6642 Ha	2.00 Ha	Rs 4.00	0.4

The approval/Sanction is subject to the following conditions:-

1. All the terms and conditions as per the provisions of Forest Conservation Act 1980 w.r.t Compensatory Afforestation are complied with.
2. That the existing Forest Tariff Rate Schedule shall be applicable.
3. That the DFO Kathua Forest Division shall be the implementing agency by executing the CA Plan.



(Samuel Changkija, IFS)
Chief Conservator of Forests,
East Circle, Jammu.

Dated: 21 / 08 / 2021

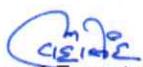
No: 586-89|FCA|CFE|J

Copy to the:

1. Pr. Chief Conservator of Forests, (HoFF), J&K, Jammu for favour of information.
2. APCCF/Nodal Officer, FCA, O/o the Pr. CCF J&K for favour of information.
3. Chief Conservator of Forests, Jammu for favour of information
4. DFO Kathua Forest Division for information and necessary action.

Compensatory Afforestation Scheme

Full Title of the Forest land Diversion Project	Development of Package-15 (KM 468+100 to KM 503+250) of Phase-II of Delhi-Katra Expressway.		
File No.	FP/JK/ROAD/142566/2021		
Dated of Proposal:	07-04-2021		
Name of Forest Division (where Forest land is proposed to be diverted)	Kathua Forest Division		
Forest Area to be diverted in Hac.	0.6642		
Forest /Non Forest area to be planted	CA is proposed to be carried out on degraded Forest land		
No. of trees to be felled (which are coming in the alignment of the proposed project)	31		
No. of plants/poles coming in the alignment of the proposed project	576		
No. of plants to be planted in the CA scheme	1500		
Details of land where C.A. is to be carried out:			
Degraded Forest land Yes/No.	Yes	Area	2 hac.
Non-Forest land	NA	Area	NA
Forest Division	Kathua Forest Division	District	Kathua
Range	Jasrota	Tehsil	Hiranagar
Compartment No.	75/J	Kh. No. (For non Forest land)	NA
C.A. Site (Name of the location)	Kamad	C.A. area (in hac)	2
C.A. site Geo Coordinates:			
Start Point: Latitude	32°32'8.530"	Longitude	75°16'58.203"
Ending Point: Latitude	32°32' 7.879"	Longitude	75°17'0.275"
In case of non-Forest area identified for CA then what is distance of CA site from the adjoining Forest Boundary	NA		
1. Description of C.A. site			
a. Soil Type	The soil in general are young in age, shallow in depth and full of pebbles and boulders.		
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	Forest Type is Lower or Shiwalik Chir Pine Forests with average crown density of around 0.4. (40%) It is a part of Chir Rehabilitation Working Circle.		


 Divisional Forest Officer
 Kathua Forest Division, Kathua

II. Site specific CA plan

Schedule of plantation programme

S. No.	Description			Rate (in Rs)	Total Amount (in Rs)
A		Unit	No		
1	1st year cost of Afforestation (Nursery Raising & Pit Planting)	No	1500	40.03	0.60
2	2nd year Maintenance (BUC @ 25%)	No	375	40.03	0.15
3	3rd year Maintenance (BUC @ 15%)	No	225	40.03	0.09
4	4th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
5	5th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
6	6th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
7	7th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
8	8th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
9	9th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
10	10th year Maintenance (BUC @ 5%)	No	75	40.03	0.03
Total(A)					1.05
B Other Afforestation Interventions (As per the requirement of the site condition)					
1	Patch sowing	No	500	6.99	0.03
2	Planting of grass Slips	No	500	6.35	0.03
Total(B)					0.07
C Fencing					
1	Square PCC Post Fencing (4 strand)	Rft.	600	72.78	0.44
2	Repair and renovation of fencing	Rft	600	16.74	0.10
Total C					0.54
D Site Preparation: (Removal of Cutting, Grabbing and Lantana)					
		Hac.	0.2	22904	0.05
E Pruning and Tending of Existing Root Stocks		No.	600	6.35	0.04
Total C.A charges(A to E)					1.74
F Soil and Water Conservation and protection measures like construction of fire lines and inspection path					
i	Construction of WHS	No.	1	LS	0.90
ii	DRSM Work	Cum	108	1099	1.19
Total(F)					2.09
Total A+B+C+D+E+F					3.83
G Overhead charges (10% of the C.A. Charges)					0.174
Grand Total (A+B+C+D+E+F+G)					4.00


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 Kathua Forest Division, Kathua

III. Technical Details: Technical details of Compensatory Afforestation scheme are as follows:

S. No.	Particulars	Remarks
1	General Details	A Shiwalik Chir Pine Forests patch of area 4 ha and canopy density of 0.4 (40%) falling in Chir Rehabilitation Working Circle has been selected to carry out the compensatory afforestation wherein it is proposed to plant 2000 no. of Chir pine alongwith associated indigenous Broad-leaved species.
2	Plantation Method	Aided Natural Regeneration of Chir pine alongwith associated indigenous Broad-leaved species along with patch sowing and grass slips.
3	Spacing	3 mtrs.
4	Species proposal to be planted	Chir Pine and different indigenous Broad-leaved species like <i>Melia azadarac</i> , <i>Butea monosperma</i> , <i>Bombax ceiba</i> , <i>Albezzia spp.</i> <i>Sapindus mukurossi</i>
5	Silvicultural operation	500 No's of Patch Sowing, 500 No's Grass slips and Removal of Lanatana 0.20 ha
6	Soil & Moisture Conservation Works	108 cum DRSM work.
7	Protection (Fencing, W&W People's participation etc)	Square PCC Post fencing Fencing of the CA patch @ 600 rft and periodic repair thereof.
8	Proposed Monitoring Mechanism	Routine inspection and reporting thereof by the concerned beat guard and supervisory field staff as per the extant M&E mechanism of the department is proposed.
9	Any other information	


 Divisional Forest Officer
 Kathua Forest Division, Kathua