



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

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Sub: Work programme of Compensatory Afforestation w.r.t Forest Clearance for Construction of Road from Sumwal to Sarail Choa (JK-14-402) IN Surinsar-Mansar Wildlife Sanctuary in Jammu Forest Division.

Ref:- DFO Jammu letter No: DFO-J/FCA/6966-70 dt: 05-03-2021.

ORDER

The work proposal for Compensatory Afforestation to be done in lieu of diversion of 0.54 hectare of Forest land in Jammu Forest Division for " **FCA proposal No: FP/JK/ROAD/46670/2020** to the tune of Rs. **12.542/- lacs** prepared and submitted by the Divisional Forest Officer, Jammu Forest Division is hereby approved/sanctioned as per the details given below:-

Proposal No.	Location	Area involved for diversion	Area of C.A Plan	Canopy Density	Spp. To be planted
FP/JK/ROAD/46670/2020	6/M	0.48Ha	0.96Ha	<5%	Mangifera indica, Emblica officinalis, Psidium guajava, Vitux negundo, Pyrus jujube, Ficus benghalensis, Pinus roxburghii

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 Jammu Division shall be the implementing agency by executing the CA Plan.

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

dt:- 5.3.2021

No:- 1079-82/CFE/FCA

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 Jammu Forest Division for information and necessary action.



**OFFICE OF THE DIVISIONAL FOREST OFFICER
JAMMU FOREST DIVISION JAMMU**

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“Scheme For Compensatory Afforestation Of FCA

**Proposal No:-FP/JK/ROAD/46670/2020 Titled Construction of Road from
Sumwal to Sarail Choa(JK-14-402) in Surinsar-Mansar Wildlife Sanctuary;”**

Detail scheme for compensatory Afforestation to be carried out in lieu of diversion of 0.48 Hectare of forest land for the construction of Road from Sumwal to Sarail Choa (JK-14-402). Afforestation will be done over $(0.48 \times 2 = 0.96 \text{ Hac})$ i.e two times the forest land area to be diverted.

1). Details of degraded forest Land / Non-forest land:-

a	District	Udhampur
b	Village(Name of land Bank)	Undhal
c	Tehsil	Majalta
d	Name of Forest Division	Jammu
e	Range	Jindrah
f	Scale	1:15000
g	Block/Compartment/Survey	Mansar/6/M
h	Area to be afforested	0.96 Hectare

2). Description of Area:-

- a) Type of Land: Forest
- b) Soil Type: Rocky (soft) and Sandy loom
- c) Topography: Hilly
- d) Slope: Steep/Medium/Gentle

- 3) Plantation Model:-** Compensatory Afforestation over an area of 0.96 Hac. of degraded forest land is proposed to be raised. The area selected for this purpose is in Nagrota, which is degraded forest area and has been a land bank. Presently the area supports scattered trees. Whole of the plantation of 0.96 Hac will be raised in a single compact block inside the degraded forest for such purpose. The area identified for plantation has also been shown on the attached map. Plants @1000 plants per hectare will be planted. The species to be planted will be mainly broad leaved and other Misc. species of fruit plants etc. The plantation will be raised in the following year after the approval of FCA proposal and further maintenance and beating up of failures will be done for the subsequent ten years. The scheme will be implanted by Forest Department through DFO, Jammu. Total financial outlay for compensatory plantation scheme is **Rs.12,54,200/-** Certificate of the DFO Jammu regarding suitability of area identified for compensatory plantation is attached. The monitoring will be done as per existing monitoring mechanism in the forest department at present.

4). Cost structure of the scheme is mentioned below:-



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S.No.	Particular	Range	Comptt./ Location	NES Block	Constituency	Area in Hac	Physical	Rate in Rs.	Fin in lac	Remarks
A	Fencing in Rft									
i	Fencing Sq. PCC Posts each pole cement concrete with seven strand Barbed Wire	Jindrah	6/M/ Undhal	Dansal	Nagrota	0.96	1000	100/- per Rft	1.00	Canopy density <5% 32° 41' 00.00, 75° 11' 09.00
	Total Fencing								1.00	
B	<u>Pit plantaiton of poly bag plants 1000</u> P.B. Plants per Hac (Nos)									
i	Pit planting	Jindrah	6/M/ Undhal	Dansal	Nagrota		800	29.34/ plant	0.235	Spp. To be planted are Mangifera Indica, Emblica officinalis, Psidium guajava, Vitux negundo, Pyrus lanata, Ziziphus jujuba, Ficus benghalensis
	Patch Sowing									
ii	Patch sowing in 45cmx45cmx15cm patches						400	6.99/ plant	0.028	
	Total Plantaiton								0.263	
C	Plant Porduction in Nos									
i	Raising of poly bag Plants	Jindrah	Jhajjar Kotli				1160	8.03/ plant	0.093	
ii	Maintt. of Plants in Nos									
	Maintenance of Plants	Jindrah	Jhajjar Kotli				1160	2.66/ plant	0.031	
	Total Plant Production								0.124	
D	<u>Maintt. of Closures (Lum Sum)</u>									
	IInd Year	Jindrah						LS	0.150	
	IIIRD Year	Jindrah						LS	0.150	
	IVth Year	Jindrah						LS	0.150	
	Vth Year	Jindrah						LS	0.150	
	VIth Year	Jindrah						LS	0.150	
	VIIth Year	Jindrah						LS	0.150	
	VIIIth Year	Jindrah						LS	0.150	
	IXth Year	Jindrah						LS	0.150	
	Xth Year	Jindrah						LS	0.150	
	Sub Total								1.350	
E	BUC (Nos)									
	Ist Year	Jindrah					200	29.34/ plant	0.059	
	IIInd Year	Jindrah					120	29.34/ plant	0.035	
	IIIrd Year	Jindrah					40	29.34/ plant	0.012	
	Sub Total						360		0.106	
	Total Maintenance								1.456	
F	Construction of Guard Hut	Jindrah	6/M/ Undhal						7.00	
G	<u>Maintt. of Guard Hut (Lum Sum)</u>									
	IInd Year	Jindrah						LS	0.200	

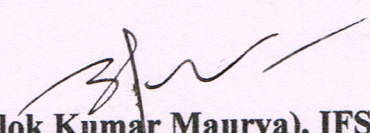


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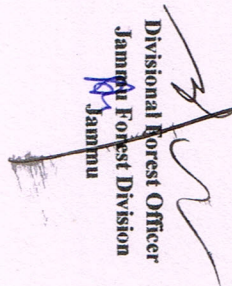
	IIIrd Year	Jindrah					LS	0.200	
	IVth Year	Jindrah					LS	0.200	
	Vth Year	Jindrah					LS	0.200	
	Vth Year	Jindrah					LS	0.200	
	VIIth Year	Jindrah					LS	0.200	
	VIIIth Year	Jindrah					LS	0.200	
	IXth Year	Jindrah					LS	0.200	
	Xth Year	Jindrah					LS	0.200	
	Sub Total							1.800	
H	Transplanting of important spp						L.S	0.400	
I	Office expenses/ IT Equipments/O.H						L.S	0.400	
J	Monitoring & Evaluation						L.S	0.100	
	G.Total							12.542	

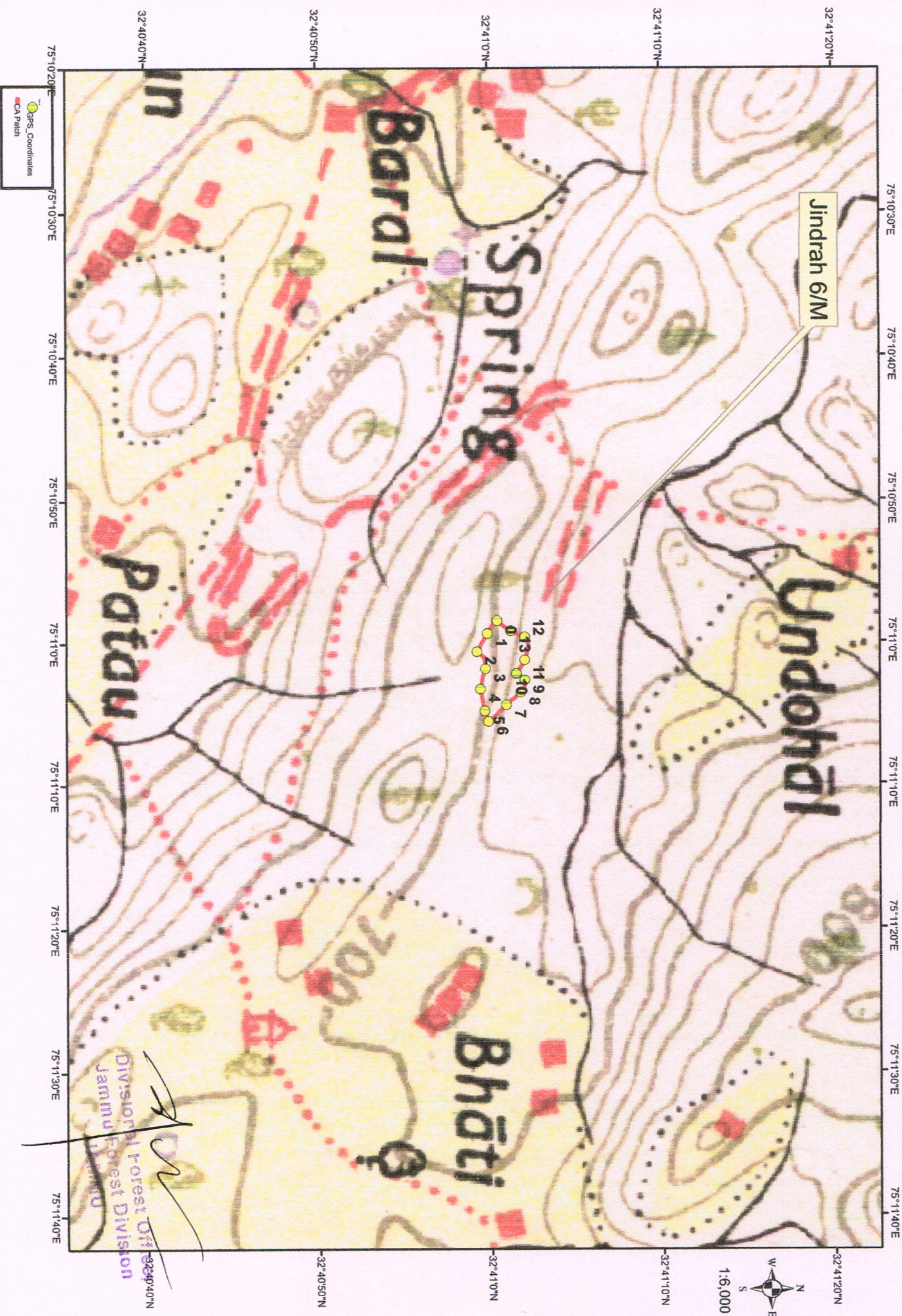
- 5) **Technical Details:-** Technical details of Compensatory Afforestation Scheme are as follows:-
- General Details:-** An area of 0.96 Ha will be taken up for planting under compensatory Afforestation scheme in compartment No 6/M in a single compact block. The area will be protected by Barbed Wire fencing and a mixture of broad leaved species with fruit bear will be planted . Plants will be planted @1000 per hectare
Species :- Broad Leaved and Fruit plants
 - Plantation Method:-** Nursery grown one year old plants of Mixed species of Broadleaved and Fruit plants in Polythene bags will be planted in 45x45x45 cm pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 years in which beating up causalities will be done. The plantation will be rain faded
 - Soil and Moisture Conservation Works:-** Minor soil conservation works like Drsm/Crate Works will be done where ever required.
 - Guard Hut & Maintenance:** To ensure the protection and watch and ward of the Afforestation work and nearby forest areas.
 - Protection (Fencing, Watch man, People's Participation etc):** Area will be protected from grazing by erecting barbed wire fencing around the plantation. Further watch and ward as also fire protection will be ensured.
 - Proposed Monitoring Mechanism:-** The plantation will be monitored as per existing monitoring mechanism in the department.


(Alok Kumar Maurya), IFS
Divisional Forest Officer
Jammu Forest Division
Jammu

FCA Proposal No:FP/JK/ROAD/46670/2020
Work Programme Compensatory Afforestation of Jammu Forest Division

S.no	Particular	2021-22		2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		Total	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
A	Fencing in Rft	1000	1.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000	1.000
B	Pit plantation of poly bag plants 1000 P.B. plats per Hae (Nos)	0	0	800	0.235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800	0.235
i	Patch Sowing	0	0	400	0.028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	400	0.028
C	Plant production in Nos																						
i	Raising of poly bag plants	1160	0.093	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1160	0.093
ii	Maintt. Of plants in Nos	0	0	1160	0.031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1160	0.031
D	Maintt. Of closures (Lum Sum)	0	0	0	0.150		0.150		0.150		0.150		0.150		0.150		0.150		0.150		0.150	0	1.350
E	BUC	0	0	0	0	200	0.059	120	0.035	40	0.012	0	0	0	0	0	0	0	0	0	0	360	0.106
F	Transplanting of important spp	LS	0.400	0	0	0	0.000	0	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0.400
G	Construction of Guard Hut	LS	7.000																				7.000
H	Maintt. Of Guard Hut (Lum Sum)				0.200		0.200		0.200		0.200		0.200		0.200		0.200		0.200		0.200		1.800
I	Office expenses / IT Equipments/ O.H Etc.	0	0.040		0.040		0.040		0.040		0.040		0.040		0.040		0.040		0.040		0.040		0.400
J	Monitoring & Evaluation	0	0.010		0.010		0.010		0.010		0.010		0.010		0.010		0.010		0.010		0.010		0.100
	Total		8.543		0.694		0.459		0.435		0.412		0.400		0.400		0.400		0.400		0.400		12.542


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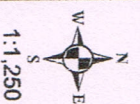
Georeference Map (CA Patch)

GT Sheet No 43 P/2

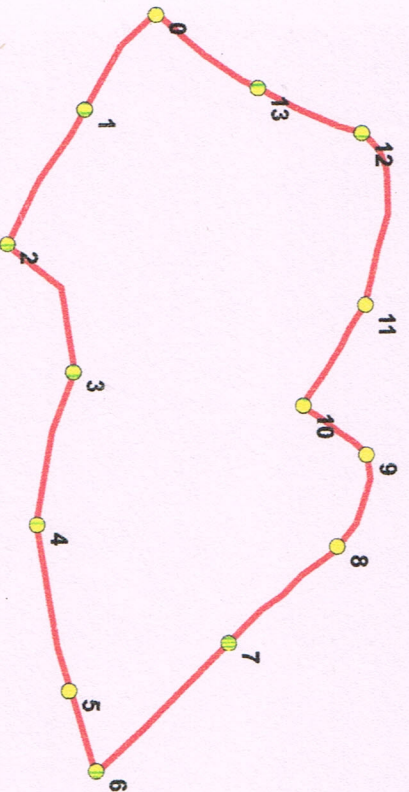
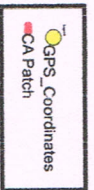
75°11'0"E

75°11'0"E

Jindrah 6/M



FID	Longitude	Latitude
0	75° 10.975' E	32° 41.007' N
1	75° 10.990' E	32° 40.998' N
2	75° 11.011' E	32° 40.988' N
3	75° 11.031' E	32° 40.996' N
4	75° 11.055' E	32° 40.991' N
5	75° 11.081' E	32° 40.995' N
6	75° 11.093' E	32° 40.999' N
7	75° 11.073' E	32° 41.016' N
8	75° 11.058' E	32° 41.030' N
9	75° 11.044' E	32° 41.034' N
10	75° 11.036' E	32° 41.026' N
11	75° 11.021' E	32° 41.034' N
12	75° 10.994' E	32° 41.034' N
13	75° 10.986' E	32° 41.020' N



75°11'0"E

75°11'0"E

32°41'0"N

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