

No. FCA/ 238
HP Forest Department.

Dated Nahan, the 18/4/2024

From: DFO Nahan.

To: CF Nahan.

Subject:- Diversion of 5.828 hectare of Forest land in favour of HPPWD for C/O of link road from Jabbal Ka bag, Kandaiwala, Kharkon Km 0/0 to 12/255 within the Jurisdiction of Nahan Forest Division, Nahan, Tehsil, Nahan, Distt. Sirmour H.P.

Memo:

Reference: MOEF Shimla letter No. FC/HPC/06/172/2022 dated 05.12.2022 observation raised by Integrated Regional Office Shimla on the subject cited above.

Memo,

In this regard vide above referred letter the point wise reply of observations is given as under:-

Sr. No.	Observations	Reply
1.	State Govt. may upload the forwarding letter of proposal submitted to IRO, Shimla in PARIVESH portal.	Forwarding letter has been uploaded PARIVESH portal in additional information in additional information in Part -II
2.	<p>KML file revealed that the some part of the road has already been constructed, without prior approval of the Govt. of India. However, no violation is mentioned in sight Inspection Report and joint Inspection Report. Therefore, in view of above following clarification/justification may be provided:</p> <p>(i) The action taken report against the violators as per Para 1.21 (i) and or (ii) of FCA Guidelines may submitted/uploaded in the portal.</p> <p>(ii) Action taken by the State Government against the officials concerned for not being able to prevent the use of</p>	<p>The wrong KML file was erroneously uploaded earlier on the PARIVESH portal. Now, the fresh and final KML file has been uploaded. The FCA proposal is in 2 No. patches due to the geographical condition as well as existing road approaches. The proposed road proposal will take off from existing Road Nahan Gadda at RD 0/500. The proposed road will connect the habitation Gadpela and Amaraiyon at RD 4/120 and terminates at existing road Sainwala Burma Papri Road at RD 7/745. The Jabbal ka Bag Ka India wala Kharkon road will once again take off from the existing road Sainwala Burma Papri Road at RD 8/925 which start at Sainwala and finally terminates at village Kharkon at Km 12/255. The Revised Digital map, KML file and topo sheet have been uploaded in appropriate column. The total length of proposed alignment is 12.255 Km with average width of 6.00 meter. The road alignment passes through forest and private land. The portion from Km 0/0 to 3/200, 3/735 to 4/650, 9/465 to 12/255 will be passing through forest land and portion from Km 3/200 to 3/735,</p>


	<p>forest land for non-forestry purpose without prior approval of Govt. of India.</p> <p>(iii) State Govt. May provide the present status of the violation whether the work is continuing or halted.</p> <p>(iv) The column/table in Part-II, Para-11 may be also be filed</p> <p>(v) Length and width of the existing road may be provided.</p> <p>(vi) The Penal NPV calculation sheet/bills as per revised NPV rate by MoEF&CC dated 06.01.2023 may be provided.</p>	<p>4/650 to 9/465 will pass through private land. Total 3 No. dumping sites have selected. Excavated earth will be dumped on valley side at RD. 2/105 to 2/175 & 10/465 to 10/530 in forest land which includes 1.685 Hectare additional area of forest land. Total forest 5.828 Hectare area are required for construction of this project. 1 No. dumping site has been proposed in the private land at RD. 6/810 to 6/880 which includes 0.91 hectare additional land.</p> <p>Revised KML File has been uploaded in Column Co f Part-I.</p> <p>Revised Digital Map has been uploaded in additional information at Sr. No. 26 of Part-I.</p> <p>Revised topo sheet has been uploaded in additional information at Sr. No. 25 of Part-I.</p>
3.	State Govt. may provide the fresh Site inspection report and joint inspection report.	Pertain to CF Nahan
4.	As per the KML file and Part-II, Para-6(vulnerability of the forest area to erosion: Moderate to Severe), the diversion area is prone to erosion. There, State Govt. may provide details of the mitigation measures to be adopted to arrest the accelerated soil erosion/land slide during/after execution of project. Additionally, the State Govt. may submit Soil and Moisture conservation plan.	Undertaking submits Soil and Moisture conservation plan by the user agency has been uploaded in additional information.
5.	Undertaking regarding, the FRA Certificate has been provided. There, all prescribed annexure including records of all consultations & meeting with Gram Sabha(s) & FRC(s) of all the concerned villages may be provided before Stage-II approval.	Needful has been done. An undertaking in respect of FRA certificates along with annexure submission of FRC and Gram Sabha has been placed in the proposal folder. FRA Undertaking has been uploaded in additional information at Sr. No. 22 of Part-I.
6.	The Private land (non-forest) is also included in the proposal. Therefore, consent of the private land owners by way of sale/Gift deed/NOC or any other form is	After FCA clearance, the Private land owners have agreed to gift their land in favour of HPPWD for this road project. NOC in this regard has been given by the land owners. NOC of private landowners has been uploaded in additional information at Sr. No. 23 of Part-I.

	also required to be uploaded.	
7.	Out of three, one Muck dumping site is proposed in forest land. The suitable non-forest land/private land may be explored for disposal of muck. State Govt. may also provide the list of standing trees in the dumping sites, if it is in forest land.	Two dumping sites have been proposed in the forest area due to unavoidable circumstances and involved minimum area. The private land owners are not ready to allow dumped the muck into their agriculture land. Only 1 dumping site has proposed in the non-forest land.
8.	It has been observed from KML file that the dumping sites 2&3 are in sloppy terrain from where debris can be easily rolled down into downhill side (Agriculture field and in the Nallah/stream). There, the state Govt. Submit mitigation measures to be adopted, so that debris could not be rolled down into the downhill side (Agriculture field and in the Nallah/stream)	The dumping sites has been selected with care to nil damages to agriculturists as well as to save the exists vegetate on in forest. Revised KML File has been uploaded in Column C of Part-I.
9.	As per the DSS analysis, the proposed DA is found to violate hydrological Layer Rule; Also, the proposed DA is 5.828 ha. While the calculated DA is 3.58 ha. Therefore, State Govt. May review rectify the same.	Needful has been done. Revised KML File has been uploaded in Column C of Part-I.
10.	Layout Plan and KML file showing the all component (forest land/Non-forest/Violated part/Non-violated part) with distinct colours duly authenticated by the concerned DFO is required to be submitted and the same shall be uploaded on the PARIVESH portal as well.	Needful has been done. The Layout plan has been prepared which shows all the component (forest land/Non forest land) duly authenticated by the DFO. Layout plan showing Forest and Non-Forest land has been uploaded in additional information at Sr. No. 24 of Part-I.
11	Layout plan showing chain-age wise length and width of forest and non-forest land may be provided.	Needful has been done. The Layout plan showing chain-age wise length and width of forest and non-forest land has uploaded in Addl. Information. Layout plan has been uploaded in additional information at Sr. No. 21 of Part-I.
12	In part-II, para-2, the legal status of	Total length of the road is 12.555 Km. which passes

	the diversion area is mentioned as "Reserve Forest" There, state Govt. may give proper justification for the requirement of construction of the proposed road in the Reserve Forest.	through the forest and private land. The shortest and economically route has been finalized to connect the unconnected habitation of the Nahan town. The alternative routes also were explored, but not found feasible due to more involvement of trees as well as forest land.
13	326 number No. of ecologically and economically important trees of are proposed for felling. There, possibility of reducing the number of trees to be affected may be explored or rationalisation to be done in the layout of the proposal to reduce green felling. Further, a list of tree which are required to be felled and retained may be provided.	(i) Total length of the road is 12.555 Km. which passes through the forest and private land. The shortest and economically route has been finalized to connect the unconnected habitation of the Nahan town. The alternative routes also were explored, but not found feasible due to more involvement of trees as well as forest land. But trees could not be reduced from the proposed area and enumeration list has been uploaded in additional information in Part –II
14	In part, Para-8(i) detail of wildlife is mentioned as "Nil" therefore, State Govt. may justify the same.	Needful has been done. The distance certificate has been uploaded in Addl. Information. Same had already been uploaded in additional information at Sr. No. 7 of Part-I.
15	Abstract of the trees with Khasra No. Details of needs to be uploaded on the PARIVESH portal duly authenticated by DFO concerned.	Abstract of the trees RF wise has been uploaded in additional information at Sr.No.
16	Details of beneficiary village with Village Code, Population status is required to be uploaded on the PARIVESH portal.	Village benefits with this proposed road construction has been uploaded in Addl. Information. Revised KML File has been uploaded in Column C of Part-I.
17	The project approval document issued by the Competent authority may be provided.	Needful has been done. Copy of sanction received from the Engineer-in-Chief, HPPWD Shimla vide letter dated 28.08.2023 for Rs. 819.00 Lakh has been uploaded in Addl. Information column. Same has been uploaded in additional information at Sr. No. 28of Part-I.
18	The NPV calculations sheet/bills as per revised NPV rates by MoEF& CC dated 06.01.2022 may be provided.	NPV bill has been revised and same has been uploaded PARIVESH portal in additional information on Parivesh Portal.
19	Clarification/justification regarding the CA area may be	(ii) As per report of Range Forest officer of the CA area is fit for plantation .Moreover in the CA area covered

<p>provided :</p> <p>(i) As per DSS analysis, the proposed area for CA is found to touch a patch of Moderately Dense forest towards North-West. There, state Govt. May review the same.</p> <p>(ii) Comprehensive CA scheme with 10 year maintenance is require to be submitted as per Para-2.8(ii), of FCA guidelines.</p> <p>(iii) State Govt. May submit document regarding the suitability of land for CA in lieu of forest land proposed for division in terms of its vicinity to the area being proposed for DA and/or contiguity with the existing forest area and also ensure the manageability as per the latest guidelines of MoEF&CC vide letter No. 11-423/2011-FC dated 13.07.2022.</p>	<p>lantana bushes and kronda jhari growing in the CA area. Report has been uploaded web portal in additional information in Part -II</p> <p>(ii) CA Scheme has been revised and same has been uploaded PARIVESH portal in Part -II at serial no. 13 (ii)</p> <p>(iii) Land Suitability certificate has been uploaded web portal in Part -II at serial no. 13 (V)</p>
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This is for information and further necessary action please.


Divisional Forest Officer,
Nahan Forest Division.

Full Title of the Project :- Diversion of Forest land for C/O of link road from Jabbal Ka bag , Kandaiwala, Kharkon Km 0/0 to 12/255 within the Jurisdiction of Nahan Forest Division, Nahan , Tehsil, Nahan, Distt. Sirmour H.P.

CHECK LIST SERIAL NUMBER-18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed Scheme for Compensatory Afforestation to be carried out in lieu of 5.828 ha. of forest area to be diverted for construction of link road from Jabbal Ka bag , Kandaiwala, Kharkon Km 0/0 to 12/255 within the Jurisdiction of Nahan Forest Division, Nahan , Tehsil, Nahan, Distt. Sirmour H.P.

Details of degraded forest land/non-forest land:-

District Sirmour, Village Sangholi Tehsil: Nahan

Name of Forest Division -Nahan, Range -Nahan.

Beat Sangholi 2nd and Todarpur / Block -Kotla /Compartment /Survey No: Sheet-H43L2

Area to be afforested = **11.56 ha. RF Sangholi C-4 = 11.56ha.**

Description of the Area

- i. Whether the site selected for Compensatory Afforestation is a land bank or not: No.
 - ii. If the CA site is other than the land bank, reasons be given. :- NA.
 - iii. In case of non- forest area identified for CA, and then what is the distance of CA site from the adjoining forest boundary. : NA
 - iv. Soil type:
 - v. Topography:
 - (a) Hilly/Undulating/Plain :-**Undulating**
 - (b) Slope: Steep / Medium/ Gentle :-**MEDIUM**
 - vi. Whether the area is bearing any root stock of vegetation: - **No**
1. Plantation model
- Copy of the approved Compensatory Afforestation Scheme/Model showing component - wise physical and financial break up to be enclosed.

2. Schedule of Plantation Programme:-

SCHEME FOR COMPESSATORY AFFORTATION

Particular of works	Area under CA scheme (In Hact.)	As per direction given higher ups Norm fixed for the year 2023-24 dated 12.07.2023	Cost Escalation of 10% rate for each financial year	Total amount of CA
(a) Survey, Demarcation .Fencing & Planting and nursery cost etc	12ha	213910	21391	2823612
Soil Conservation Works			L/s	560000/-
Fire watcher, fire kit, and tools,			L/S	200000/-
Lantana eradication 75% 1 st , 2nd and 3 rd . (Area 12ha.)			L/S	584400/-
				4168012/-
(b) 1 st year maintenance	12ha	11400	12540	150480/-
2 nd year maintenance	12ha	7700	8470	101640/-
3 rd year maintenance	12ha	3900	4290	51480/-
4 th year maintenance	12ha	3900	4290	51480/-
5 th year maintenance	12ha	3900	4290	51480/-
6 th year maintenance	12ha	3900	4290	51480/-
7 th year maintenance	12ha	3900	4290	51480/-
8 th year maintenance	12ha	3900	4290	51480/-
9 th year maintenance	12ha	3900	4290	51480/-
10 th year maintenance	12ha	3900	4290	51480/-
			Total Maintenance	663960/-
			Total (a+b)	4831972
Contingencies			5%	241599/-
			Total CA Amount	5073571/-
Departmental Charges			17.5%	887875/-
			G.Total	5961446/-

3. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details
- Spacing: 3 mts X 3 mts (As per availability and notional hectare area by no. of plants
- Species:- Misc Board leaved and medicinal plants
- Plantation Method: By manual pit digging and manual labour
- Soil and Moisture Conservation Works:- Yes.
- Protection (Fencing, Watch man, People's Participation etc.): - Barbed wire fencing with people participation
- Proposed Monitoring Mechanism:- By Field staff, local people and DFO
- Any other information:- As per site condition minor variation can be made in the plantation. Area to be planted as per notional hectare

Date:- 12.04.2024

Place: Nahan.


Divisional Forest Officer
Nahan Forest Division.

**CALCULATION OF NET PRESENT VALUE (NPV) OF CONSTRUCTION OF LINK ROAD FROM JABBAL KA BAG
KANDAIWALA, KHARKO OF TRILOKPUR RANGE OF NAHAN FOREST SDIVISION, TEHSIL, NAHAN DISTRICT
SIRMOUR H.P.**

Name of the Division	Sr. No.	Area in Ha.	No. of trees	No. of Class III & above trees	No. of trees below class III	Equivalent mature trees (50% Co.6)	Total Mature tree/ Ha (Col.5+Col.7)	Mature tree/ Ha (Col.8/ Col.3)	Density (Col.9/ 400)	Eco Class	Rate applicable	Amount (NPV) in Rs. (Col.3* Col.12)
1	2	3	4	5	6	7	8	9	10	11	12	13
Nahan	1	5.828	325	89	236	118	207	35.51	0.08	Class V	1005210/-	58,58,364/-


 Divisional Forest Officer,
 Nahan Forest Division, Nahan.
 Nahan, H.P.

ENUMERATION LIST OF GREEN STANDING TREES COMING UNDER LINK ROAD FROM JABBAL KA BAG KANDAIWALA, KHARKO OF TRILOKPUR RANGE AND NAHAN RANGE OF NAHAN FOREST DIVISION.

Sr. No.	Name of Area	Spp.	Classification of trees							Total	Vol. in m3
			V	IV	III	IIA	IIB	IA	ID (Over)		
1.	RF Trilokpur C-2	Khair	13	20	1	0	0	0	0	34	4.998
		Kokat	2	15	7	3	1	1	0	29	12.278
		Sain	0	0	1	0	0	0	0	1	0.835
		Total	15	35	9	3	1	1	0	64	18.111
										32	6.907
2.	RF Banswala C-3	Khair	11	14	7	0	0	0	0	32	23.772
		Kokat	40	33	11	4	1	1	1	91	15.162
		Sain	1	6	2	2	1	1	0	13	1.770
		Behra	0	0	0	1	0	0	0	1	0.127
		Jamun	1	0	0	0	0	0	0	1	47.738
3.	RF Jheera C-1	Total	53	53	20	7	2	2	1	138	24.216
		Kokat	4	19	13	5	7	0	0	48	8.127
		Sain	0	0	0	2	0	1	0	3	32.343
		Total	4	19	14	7	7	1	0	51	11.574
		Kokat	22	32	6	2	0	0	0	62	5.082
4.	RF Jabal C-3	Jamun	1	1	0	0	0	1	0	3	17.244
		Sain	1	0	1	3	0	1	1	7	33.9
		Total	24	33	7	5	0	2	1	72	

ABSTRACT

Sr. No.	Name of Area	Spp.	Classification of trees							Total	Vol. in m3
			V	IV	III	IIA	IIB	IA	ID (Over)		
1	RF Trilokpur C-2, RF Banswala C-3, RF Jheera C-1 RF Jabal C-3	Khair	24	34	8	0	0	0	0	66	11.905
		Kokat	68	99	37	14	9	2	1	230	71.84
		Sain	2	6	4	7	1	3	1	24	41.368
		Behra	0	0	0	1	0	0	0	1	1.770
		Jamun	2	1	0	0	0	1	0	4	5.209
		Total	96	140	49	22	10	6	2	325	132.092

R.O. Nahan

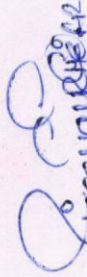
R.O. Nahan
R.O. Nahan

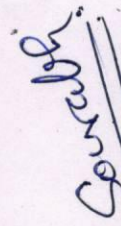
Divisional Forest Officer,
Nahan Forest Division,
Nahan Forest Division,
Nahan, H.P.

GIRTH WISE GENERAL ABSTRACT OF STANDING TREES COMING UNDER LINK ROAD FROM JABBAL KA BAG KANDAIWALA, KHARKO OF TRILOKPUR RANGE AND NAHAN RANGE OF NAHAN FOREST DIVISION.

Sr. No.	Name of Area	Botanical Names of Trees	Spp.	Classification of trees						Total	Vol. in m3
				Girth (0-30)	Girth (31-60)	Girth (61-90)	Girth (91-120)	Girth (121-150)	Girth (>150)		
1.	RF Trilokpur C-2,	Acacia Catechu	Khair	0	24	34	8	0	0	66	11.905
	RF Banswala C-3,	Other	Kokath (Kamela, Jigan, Chaal)	0	68	99	37	14	12	230	71.84
	RF Jheera C-1										
	RF Jabal C-3	Terminalia Tomentosa	Sain	0	2	6	4	7	5	24	41.368
		Terminalia Belerica	Behra	0	0	0	0	1	0	1	1.770
		Syzygium Cumini	Jamun	0	2	1	0	0	1	4	5.209
			TOTAL	0	96	140	49	22	18	325	132.092


R.O. Nahan


R.O. Nahan


Divisional Forest Officer,
Nahan Forest Division,
Nahan, H.P.

वन विभाग हिमाचल प्रदेश

क्रमांक:- 310/न/23-24

दिनांक:- 4/10/2023

प्रेषक:-

वन परिक्षेत्र अधिकारी नाहन।

प्रेषित:-

वन मण्डल अधिकारी नाहन।

विषय:-

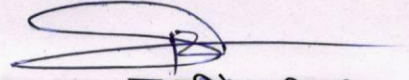
आरक्षित वन संघोली C-4 में CA के पौधारोपण बारे।

महोदय,

आपके कार्यालय द्वारा दुरभाष के माध्यम व उपरोक्त विषय के संदर्भ में मांगी गई सूचना के संदर्भ में वन खण्ड अधिकारी टोडरपुर व वनरक्षक प्रभारी संघोली द्वितीय बीट द्वारा एक विस्तृत रिपोर्ट इस कार्यालय में दी गई है। रिपोर्ट के मुताबिक आरक्षित वन संघोली C-4 में पौधारोपण के लिए 11.56 हैक्टेयर रकबा सुनिश्चित किया गया है जिसमें लैंटाना झाड़ी, करोन्दा आदि झाड़ियां मौजूद हैं। आरक्षित वन संघोली C-4 क्षेत्र 1100 पौधे प्रति हैक्टेयर पौधारोपण के लिए उपयुक्त है।

अतः रिपोर्ट कार्यालय वन मण्डल अधिकारी नाहन को सूचनार्थ प्रेषित है।

C/S



वन परिक्षेत्र अधिकारी
वन परिक्षेत्र नाहन।



Divisional Forest Officer,
Nahan Forest Division,
Nahan, H.P.

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Full Title of the Project :- Diversion of Forest land for C/O of link road from Jabbal Ka bag , Kandaiwala, Kharkon Km 0/0 to 12/255 with in the Jurisdiction of Nahan Forest Division, Nahan , Tehsil, Nahan, Distt. Sirmour H.P.

File No.

Date of Proposal:

CHECK LIST SERIAL NUMBER: 20

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 11.656 hect. land bearing Survey Sheet-H43L7, RF Shangholi C-4, Toderpur Block of Nahan Range of Nahan Forest Division, Tehsil Nahan, District Sirmour, identified for compensatory Afforestation is suitable for undertaking plantation from the management point of view is free from all sorts of encumbrances and encroachments.

Date: 22.2.2022.

Place: Nahan.

Sourabh
Divisional Forest Officer,
Nahan Forest Division,
Nahan (H.P.)