



OFFICE OF DEPUTY CONSERVATOR OF FORESTS,
HAMIRPUR FOREST DIVISION, HAMIRPUR, HP, 177001,
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No\RK\FCA\12.8537 ha. 1777 dated 11/5/2023

From:- DCF Hamirpur.

To:- CCF Hamirpur. ✓

Subject:- Diversion of 12.8537 ha of Forest Land for Construction of New 2 Lane with Paved Shoulder of Hamirpur Bypass of NH-88 (new NH-103 & amp;03) (Design Chainage – Km 121-175 to Km 138+295, Design Length -17.120 Km) in the State of Himachal Pradesh – Forest Diversion Proposal Reg. (Online Proposal No. FP/HP/ROAD/151932/2022).

Memo:

Kindly refer to Addl Pr CCF (FCA) o/o PrCCF HP Shimla letter no. FP/HP/Water/151932/2022 dated 23.02.2023 on the subject cited above.

In this context, the pointwise reply to observations raised vide communication referred to above is given below:-

Sl. No.	Observations of Nodal Office	Compliance
1.	All the documents are required to be duly authenticated by DFO concerned and same shall be uploaded on the desired column/Part-I/Part-II of PARIVESH portal.	All documents has been duly authenticated by DFO Hamirpur for Part I & Part II.
2.	It has been observed from KML file that the proposed site is hilly and undulating area and excavation of soil at slope may cause soil erosion. The State Govt. may provide details regarding the mitigation measures to be adopted to arrest the accelerated soil erosion/land slide during and/or after execution of the project. Therefore, State Govt. may submit the Soil Moisture Conservation Plan along-with detail cost of its implementation as per the recent directions of MoEF& CC vide letter dated 07.06.2022.	Since the Project Stretch does not involve significant cutting or filling, slope protections measures like breast walls, retaining walls, geo-grid/polymeric material in gabion facing, Reinforced soil slope, high resistance rock fall netting with soil nailing anchors and bolts as surficial protection etc. have been proposed as mitigation measures to arrest the accelerated soil erosion/land slide during and/or after execution of the project. The design cross-sections detailing slope protection measures is enclosed herewith as Enclosure 1 . An Undertaking for submission of Soil Moisture Conservation Plan (SMC) along with detailed cost of its implementation as per MoEF&CC directions dated 07.06 2022 and 16.01.2023 is enclosed herewith as Enclosure 2 .

	submitted/uploaded on the PARIVESI portal.	uploaded and enclosed as Enclosure 14.
11.	Layout Plan/Line plan showing all the components {(Forest land/Non-forest land/Existing RoW/PROW (Carriageway, Paved shoulder, earth Filling, drain))} 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 and uploaded as Enclosure 15.
12.	Recently, Hon'ble High Court of Himachal Pradesh has issued directions on dated 13.01.2023 CWPIL NO 13/2021 title as Kusum Bali Vs States of HP and others which states that "We direct that there shall be no cutting of hills in the entire State of Himachal Pradesh, unless permission is obtained from the Director, who shall call for a report and "No Objection Certificate" from the Pollution Control Board, before granting such permission". Therefore, NOC is required to be submitted as per the directions of Hon'ble High Court.	An undertaking by the User Agency in this regard is submitted to obtain the said NOC before Stage-II approval of the project as Enclosure 16.
13.	State Govt. may submit the plantation model mentioning the site specific plant species, plant species which have capacity of the absorptions of CO2 and other pollutants to be planted along the RoW as per guidelines of MoEF& CC vide letter no.FC-11/39/2020-FC dated 08.09.2021.	Plantation Plan is enclosed as Enclosure 17.
14.	Undertaking regarding the land proposed by the User Agency is unavoidable and barest minimum for the proposed proposal is required to be submitted.	The same was already uploaded in Part II- Additional Information Details, Sr. No. 7 at page no. 139 of PDF document. (also enclosed herewith again as Enclosure 18.
15.	The detailed kilometer-wise proposed Row (PRoW) and Existing RoW (ERoW) along with the chainage wise area and Khasra number details falling in forest land may be provided.	Chainage-wise details of Proposed Right of Way (PRoW) and Existing Right of Way (ERoW) is provided in Enclosure 19.
16.	It may be clarified that whether ERoW has been included in the calculation of total diversion in the present proposal.	It is submitted that the current proposal is a bypass to the existing road. However, the total PRoW

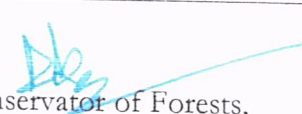
3.	<p>An Undertaking submitted for non-availability of non-forest Land, Additional NPV, NPV, CA have mentioned the incorrect proposed area figure. State Govt. may review and rectify the same and revised undertaking may be uploaded on the PARIVESH portal.</p>	<p>All undertakings with correct diversion area of 12.8537 ha were already uploaded in the portal with the following reference as mentioned under.</p> <p>(i) Undertaking for NPV- In Additional Information at Sr. No. 20 of Part I (also enclosed herewith again as Enclosure 3)</p> <p>(ii) Undertaking for Additional NPV- In Additional Information at Sr. No. 21 of Part I (also enclosed herewith again as Enclosure 4)</p> <p>(iii) Undertaking for CA - In Additional Information at Sr. No. 19 of Part I (also enclosed herewith again as Enclosure 5)</p> <p>(iv) Undertaking for non-availability of non-forest land along with Certificate obtained from DC, Hamirpur was already uploaded in Part II in Additional Information Details at Sr. No. 7, page no. 131-135 of PDF document. (also enclosed herewith again as Enclosure 6)</p>
4.	<p>Document submitted for length and width mentioning the width of road is 30 m (107 m width for wayside amenities has been included for 135 m length stretch). Therefore, it may be clarified with supporting documents whether this desired width is as per norms/guidelines or not.</p>	<p>According to IRC: SP: 73:2018 - Manual of Specifications and Standards for Two Laning of Highways with Paved Shoulder Clause 2.3 "Two laning shall be accommodated within the existing ROW to the extent possible. However, additional land, if required for accommodating the two laning cross sections, improvement of geometrics, realignment, junctions, bypasses etc., ROW of 30 m shall be acquired by the Authority. For bypasses, Right of Way shall be 45-60 m depending upon the provision of the carriageway." Moreover, as per para 12.10.1 of ibid manual, approximately 2 Hectares of land is required for Rest Area/way-side Amenities. (IRC reference attached as Enclosure 7).</p>
5.	<p>Document submitted for length and width mentioning the wayside amenities, however detailed sub-</p>	<p>Component-wise length and width of forest and non-forest area is enclosed as Enclosure 8.</p>

	components/structures in the same have not mentioned. Therefore, detailed Layout Plan with detailed structure/sub-components of the wayside amenities may also be a submitted/uploaded on PARIVESH portal. Also, justification for the wayside amenities and given width for the same (i.e. 107 m) may be provided.	A detailed layout plan showing the proposed structures was already provided and uploaded in Part II in Additional Information Details at Sr. No. 7, Checklist No. 6 at page no. 67-86 of PDF document. (also enclosed herewith again as Enclosure 9). Layout Plan & Design of Rest Area/Way-side Amenities will be finalized separately. However, Justification of PRoW & Rest Area/Way-side Amenities already replied to Point 4 above.
6.	In part-II, para-8 (i), Details of wildlife present is mentioned as viz., Leopard, Sambhar, Wild Boar etc. The DA passes through forest area and there must be the possibility of other important flora and fauna. In view of the above, same may be reviewed along with protection measures and Wild Life Management Plan along with detailed cost of its implementation as MoEF&CC directions dated 07.06 2022 may be provided, if required.	The wildlife Management plan is being prepared and will be submitted with the compliance of Stage I Approval. However, an undertaking for submission of Wildlife Management Plan along with detailed cost of its implementation as per MoEF & CC directions dated 07.06 2022 and 16.01.2023 is attached as Enclosure 10 .
7.	State Govt. may provide the Tatima (Jamabandi) of the proposed DA area duly authenticated by competent authority.	The Jamabandi of the proposed diversion area duly authenticated by the concerned Tehsildar is enclosed as Enclosure 11 .
8.	State Govt. may provide the exact aerial distance certificate from nearest PAs and its ESZ from the proposed project site. Same may be uploaded on the PARIVESH portal.	The aerial distance certificate from the Pong Dam Wildlife Sanctuary and its ESZ obtained from DFO (WL) Hamirpur was already provided and uploaded against Additional Information Details at Sr. No.3 of Part I. However, a copy of the same is again provided as Enclosure 12 for your ready reference.
9.	State Govt. may provide the chainage-wise dimensions (Length and Width) of forest area along with Khasra no, details may uploaded on the PARIVESH portal duly authenticated by DFO concerned.	The Chainage-wise length and width of forest area along with khasra no. duly authenticated by the DFO is uploaded and enclosed as Enclosure 13 .
10.	Joint inspection report needs to be	The joint inspection report is

	Also, it may be clarified whether approval under FCA has been obtained for the ERow? If yes, details of the same may be provided	including the ERow of crossroads has been included in the calculation of total diversion area in the present proposal.
17	<p>Large numbers of trees and sapling (Total 4905) including ecologically and economically important species of (DalbergiaSisoo, Acacia catechu) are proposed for felling. Therefore, possibility of reducing the numbers of trees to be affected may be explored or rationalisation to be done in the layout of the proposal to reduce green felling especially of Khair and Shisham. Further, separate list of trees which are required to be felled and retained (not to be felled) may be provided.</p>	<p>The various possibilities have been explored of saving the trees proposed to be felled as mentioned below.</p> <p>A. Bridges and VOP – The locations where structures like major bridges, minor bridges and VOP are proposed, no trees will be felled. Hence, in the length of 231 m where these structures are proposed, trees will be saved.</p> <p>B. Between Formation width and PROW - It will be ensured that trees directly impinging upon the construction activity will only be felled. The trees standing on the space between the formation width and proposed right of way will be tried to be saved to the best possible extent especially the trees of ecological importance like Dalbergia Sissoo, Acacia catechu etc.</p>
18.	In part-II, para-4(ii) scientific name, of some species is mentioned as "others". State Govt. may review and rectify the same with proper scientific name.	Needful has been done and species wise and class wise list of trees.
19.	<p>Following clarification/justification for CA area may be provided:</p> <p>i. CA scheme has been provided with 10-years maintenance; however comprehensive CA scheme is required to be submitted/uploaded as per para-2.8 (ii) of the FCA guidelines 1980.</p> <p>ii. As per the KML file of CA area, some part of the KML polygon (P27 BASARAL C2D, P 48 BAJURI) is crossing/passing the existing road. Therefore, State may provide the necessary comments in this regard.</p> <p>iii. The KML polygon of the CA area is not matching with the polygon marked on DGPS and SOI toposheet. State Govt. may review and rectify the same also mentioned the name of</p>	<p>i. The CA scheme was proposed in view of the guidelines and the degraded forest land proposed for CA is having crown density less than 40%.</p> <p>ii. The necessary rectification has been done in the instant case.</p> <p>iii. The corrections has been made in DGPS Map, Topo-sheet and KML files.</p>

	proposed CA land (RF/PF) on the DGPS and SOI toposheet.	
20.	The status of proposed Compensatory Afforestation (CA) along with the documentary proof may be provided, whether it is Govt. waste land declared as PF under HP Govt. notification, 1952 or it is notified as UPF/DPF under IFA, 1927 and the under the ownership/control of HP Forest department or not.	Pertains to Hamirpur Forest Division.
21.	As the DA area passes through the hilly/undulating forest areas, there must be natural streams/ nallah/ springs/waterfall etc. on which local peoples depend for their day-to-day life sustenance Therefore, concerned Conservator of Forest may provide the comment regarding the adverse impacts on such natural water sources and mitigation measures for the same.	Practice like filling of existing drainage courses will be strictly avoided. However, a detailed drainage survey and hydrological investigations have been carried out and accordingly capacity of existing drainage works & cross drainage (CD) structures have been duly augmented, wherever necessary, to accommodate high discharges. The mitigation measures to minimise the impact on the water resources due to the project is provided in Enclosure 20 .

Encls:- As Above (3 Nos. case file).


Deputy Conservator of Forests,
Hamirpur Forest Division,
Hamirpur.

Endst. No. _____ / Dated Hamirpur, the _____ /
Copy to

1. Project Director, NHAI, Project Implementation Unit, Hamirpur #218A, Kanwal Complex, Ward No. 1 Krishna Nagar, Hamirpur, HP – 177001 for information.


DCF HAMIRPUR