



Haryana State Roads & Bridges Development Corporation Ltd.

(A State Govt. Undertaking)

PIU, Rohtak.

DGM-IV, HSRDC, 5th Floor, Nirman Sadan, Subhash Road, Rohtak - 124001

Tel. No. 01262-271881, E-mail :- hsrdcrohtak@gmail.com

To

The Divisional Forest Officer,
Rewari.

No. 567

Date:- 18-04-2024

Subject: - Diversion of 7.3357 ha. of forest land for Improvement of 2 Lanning with Paved Shoulders of Chhuchhakwas - Matanhail - Bahu - Karoli (CMBK) Road from Km 28.00 to 37.978 under District Jhajjar. - Online Proposal No. FP/HR/ ROAD/ 155839/2022.

Ref:- O/o Principal Chief Conservator of Forest, Haryana letter endst. no. FCA-38 dated 09.04.2024 & Meeting date 16.04.2024.

In the above context, it is intimated that this office had applied the case for diversion of 7.3357 ha. of forest land for Improvement of 2 Lanning with Paved Shoulders of Chhuchhakwas - Matanhail - Bahu - Karoli (CMBK) Road from Km 28.00 to 37.978 under District Jhajjar vide Online Proposal No. FP/HR/ ROAD/ 155839/ 2022. The PSC raised some observations on the above said proposal vide letter quoted under reference and also in the meeting dated 16.04.2024 whose are as follows:-

Sr. No.	Observations	Reply by the DGM
31.1 i)	Cost Benefit Analysis needs to be uploaded as area of diversion of forest area is more than 20 Ha.	Cost Benefit Analysis attached & subsequently uploaded on the portal.
ii)	Authorization letter of applicant is not uploaded.	Authorization letter already uploaded in A-3. xvii.
iii)	Administrative approval of Project has been granted for year 2021-22 clarification on approval year needs to be submitted.	The project was Administrative approved for the year 2021-22 and still not complete. Hence the same Administrative Approval is valid as on date.
iv)	Joint inspection of Project site of user agency and DFO Jhajjar/ Rewari to be carried out within a week and copy of Joint Inspection Report needs to be uploaded on Part I/II of proposal.	Joint inspection has already been held in December, 2022. As per observation raised and direction issued in meeting dated 16.04.2024, A joint inspection be scheduled at the earliest so that further loss of time can be avoided. However, this point is related to your office.
v)	A copy of request letter of user agency for providing Non Forest Land from Land Bank of Faridabad to be placed	Details for the Non-Forest Land has already been uploaded with

	in Part I. User agency to take up the issue with State Government simultaneously for procurement of Noon Forest Land in same pattern as given for PWD (B&R) Department by State Government.	the request letter 09 dated 02.01.2024 with Letter Memo No. 5213-Ft-1-2023/7503 dated on 17.11.2023. However copy is again attached.
vi)	Part II of proposal needs to be re-examined by concerned CCF/DFO in light of New VSSA Rules, 2023, Accordingly revised Site Inspection/ Recommendation of CCF/DFO to be uploaded.	Relates concerned to your office.
vii)	Buildings/House are visible in some parts of sites in both Jhajjar/Rewari division. Revised Kml file/DGPS needs to be uploaded.	The point is updated and same uploaded on the portal.

In view of above, it is requested to schedule a joint inspection and provide a suitable date & time. The staff of the office of undersigned will be available as per scheduled time & date so that the report could be submitted before the next meeting of screening committee.

DA/ As above.

 Deputy General Manager-IV,
HSRDC, PIU, Rohtak.

Endst. No. 568-570

Date:- 18-04-2024

A copy of the above is forwarded to the following for information and necessary action please.

1. The Managing Director, HSRDC, Panchkula is requested to take up the matter with the Forest Department to consider the case utmost priority.
2. APCCF, FCA (Nodal Officer), Ministry of Environment and Forest Clearance, Panchkula, Haryana is requested to consider the proposal at the utmost priority as the proposal is more than 2 year old. It is very pertinent to mention here that the funds has already been transferred to Haryana Govt. from NCRPB, New Delhi and Govt. of Haryana is bearing interest on the received funds without execution of the project which is loss to Govt. exchequer. So, it is further requested to consider the proposal on top priority by providing desired land for compensatory afforestation in lieu of diversion of forest land for the execution of the project.
3. The Superintending Engineer, HSRDC, Gurugram.

DA/ Nil.

 Deputy General Manager-IV,
HSRDC, PIU, Rohtak.

Cost Benefit Analysis guidelines for Forest Land Diversion -2017

Guidelines for concluding cost- benefit analysis for project involving forest diversion

- (i) While considering proposal for diversion of forest land for non-forest us, it is essential that ecological and environmental losses and eco-economic distress caused to the people who are displaced are weighted against economic and social gains.df
- (ii) Whenever the forest land is involved in the development projects, the cost of ecosystem services and fragmentation of habitat of wildlife and economic distress caused to people dependent on forests and the cost of settlement of people dependent on forest should also be added as the cost of forest diversion in addition to the standard project cost which would have been incurred by the user agencies without involvement of forest land while conducting the cost benefit analysis of the project. Similarly, the benefits from the project accruing due to diversion of forest land and used in the project should also be accounted for in the benefits component in addition to the standard benefits of the project which would have been accrued without involvement of forest land while conducting the cost benefit analysis and determining the benefit and cost ratio (BC ratio).
- (iii) the cost of compensatory afforestation and its maintenance in future and soil & moisture conservation at present discounted value and future benefits from such compensatory forestation accruing over next 50 years monetized and discounted to the present value should be included as cost- and benefits respectively of compensatory afforestation while conducting the cost benefit analysis and determining the benefit and cost ratio (BC ratio).
- (iv) **Table-A** lists the details the types of projects involving forest land for which cost benefit analysis will be required **Table B** lists the parameters according to which the cost aspect of forest land diverted for the development projects will be determined, while **Table-C** lists the parameters for assessing the benefits accruing to the project using of forest land.
- (v) A cost-benefit analysis as above should accompany the proposals sent to the Central Government for forest clearance under the Forest Conservation Act


Deputy General Manager-IV,
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Cost Benefit Analysis guidelines for Forest Land Diversion -2017

Table:- A: Cases under which a cost -benefit analysis for forest diversion are required.

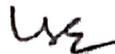
Sr.No.	Nature of Proposal	Applicable / Not Applicable	Remarks
1	All categories of proposals involving forest land upto 20 hectares in plains and upto 5 hectare in hills	Not applicable	These proposals may be considered on a case-to-case basis and value judgment
2	Proposal for defence installation proposes and oil prospecting (prospecting only)	Not applicable	
3	Habitation, establishment of industrial units, tourist lodges complex and other building construction.	Not applicable	
4	All other proposals involving forestland more than 20 hectares in plans and more then 5 hectares in hills including roads, transmission lines, minor, medium and major irrigation projects, hydro projects, mining activity, railway lines, location specific installations canters, TV towers etc.	Applicable	These are cases where a cost-benefit analysis is necessary to determine when diverting the forest land to non -forest use in the overall public interest.


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Cost Benefit Analysis guidelines for Forest Land Diversion -2017

Table:- B: Estimation of cost of forest diversion.

Sr.No.	Parameters	Remarks
1	Ecosystem services losses due to proposed forest diversion	Economic value of loss of eco-system services due to diversion of forests shall be the net present value (NPV) of the forest land being diverted as prescribed by the Central Government (MoEF&CC). Note: In case of National Parks the NPV shall be ten (10) times the normal NPV and in case of Wildlife Sanctuary the NPV shall be five (5) times the normal NPV of otherwise prescribed by the ministry or any other competent authority.
2	Loss of animal husbandry productivity, including loss of fodder	Nil
3	Cost of human resettlement	Nil
4	Loss of public facilities and administrative infrastructure (Roads, Building, Schools, Dispensaries, Electric lines, Railway etc.) on forest land, which would require forest land if these facilities were diverted due to this project	No loss of public facilities is taking place and no administrative infrastructure (Roads, Building, Schools, Dispensaries, Electric Lines, Railway etc.) will be destroyed.
5	Environment losses erosion effect on hydrological cycle, wildlife, habitation, micro climatic ridding of ecological balance.	Nil
6	Suffering of austeas	Nil
7	Habitat Fragmentation Cost	Nil
8	Compensatory afforestation and soil & moisture conversation cost.	The actual cost of compensatory afforestation and soil & moisture conservation and its maintenance in future at present discounted value.


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Cost Benefit Analysis guidelines for Forest Land Diversion -2017

Table:- C: Existing guidelines for estimating benefits of forest - diversion in CBA.

Sr.No.	Parameters	Remarks
1	Increase in productivity attribute to the specific project	Mobility is difficult and time taking due to maximum number of heavy vehicles on this road. The productivity of the commercial and industrial activities for which transportation shall take place. It will help to provide raw and finished good used and produced in the plant exist on the said road.
2	Benefits to economy due to the specific project.	The project will yield significant economic benefit to the state. Construction road will lead to much better connectivity, which will play significant role in improving the socio-economic condition of the people of the state in any folds.
3	No of population benefited due to specific project.	Entire population will be benefited from the project.
4	Economic benefits due to of direct and indirect employment due to the specific project.	Approximate 110000 man days of temporary employment will be generated for the construction period of 18 months.
5	Economic befits due to compensatory afforestation	The compensatory afforestation amount will be deposited to forest department.

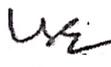

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Note:-1: Net Present Value (NPV) of environment and ecosystem services loss:

The concept of Net Present value of the forest land diverted is a scientific method of calculating the environmental cost and other losses caused due to diversion of forest land for non-forestry purposes. The NPV represents the net value of various ecosystem services and other environmental services in monetary terms which the forest would have provided if the forest would not have been diverted.

Note2 Possession value of forest land diverted:

The forest land diverted for the project such as irrigation, hydropower, railway, roads, wind and transmission lines and mining etc are unlikely to be returned and remains in possession of the user agencies.


Deputy General Manager-IV,
HSRDC, PIU, Rohtak

To

The Divisional Forest Officer,
Rewari.

No. 09

Date:- 02.01.2024

Subject: - Diversion of 7.3357 ha. of forest land for Improvement of 2 Lanning with Paved Shoulders of Chhuchhakwas - Matanhail - Bahu - Karoli (CMBK) Road from Km 28.00 to 37.978 under District Jhajjar. - Online Proposal No. PF/HR/ ROAD/ 155839/2022.

Ref:- Your office letter no. 108 dated 19.04.2023.

Please find enclosed herewith a letter received from ACS to Govt. of Haryana Environment, Forest & Wildlife Department to Principal Chief Conservator of Forest (HoFF), Haryana, Panchkula vide his memo no. 5213-FT-1-2023/7503 dated 17.11.2023 mentioning land bank of 1370 Acre 19 Kanal 26 Marla in district Faridabad for Compensatory afforestation in lieu of forest land to be diverted. This office had applied proposal for diversion of 7.3357 ha. land as desired by your office vide letter mentioned under reference for the project mentioned under subject through online Proposal No. PF/HR/ ROAD/ 155839/2022. You are therefore requested to consider the proposal for diversion of required land under the said land bank provided by Govt. as mentioned above and approve the same at the earliest.

DA/ As above.


Deputy General Manager-IV,
HSRDC, PIU, Rohtak.

Endst. No. 10-11

Date:- 02.01.2024

A copy of the above is forwarded to the following for information and necessary action please.

1. The Managing Director, HSRDC, Panchkula.
2. The Superintending Engineer, HSRDC, Gurugram.

DA/ As above.


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