

**Karnataka
Government**



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Karnataka Forest Department

**Office of the Conservator of Forests, Mangaluru Circle, "Aranya
Bhavana" Alape, Padil, Mangaluru-7**

No: A3/CR-27/ Varahi Lift Irrigation Scheme/FC/2019-20

23.02.2023.

Proposal No.FP/KA/IRRIG/41736/2019

To,

The Principal Chief Conservator of Forests
(Forest Conservation),
Aranya Bhavan,
18th Cross, Malleswaram,
Bangalore – 560 003.

Sir,

Sub: Diversion of 17.49 Ha. (revised from 16.246 ha.) of forest land in Haladi-76, Avarshe and Heggunde and others villages in Udupi and Brahmavara Taluk of Udupi District for construction of Irrigation Main and Branch Canals under Varahi Lift Irrigation Scheme in Favour of the Executive Engineer, Karnataka Neeravari Nigam Limited, No.2, Varahi Reservoir Project Division, Udupi.

- Ref: 1. Your office Letter No. Old File No. A5(2)/GFL/CR-25/2019-20 E-office File No. KFD/HOFF/A5-2(GFL)/176/2019-FC E-137748
Dated: 01.02.2023.
2. Letter No:B1/LND(DMN)/CR-40/FLD/2020-21/E-6419 Dated: 22.02.2023 of the Deputy Conservator of Forest, Kundapura Division, Kundapura.

With reference to the above subject, vide reference (1) it was directed to submit the clarification/information on the following points from U.A. Accordingly the Deputy Conservator of Forests, Kundapura Division, Kundapura has submitted the compliance report through the cited letter (2) to this office as mentioned below.

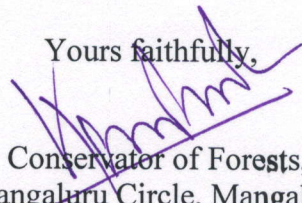
	Observations	Compliance
a)	The values of ECO system goods and services of the forest area selected for the proposed alignment needs to be compared with the implementation cost in non-forest area to arrive	The length of the Canal runs over forest land proposed for diversion under Varahi Lift Irrigation Project is 8.90km covering 17.49ha. The cost of land acquisition

<p>at a specific conclusion of discarding or selecting Forest/ non forest area. The User Agency has not submitted the information in this regard. Hence, needs to submitted the information.</p>	<p>including compensation in case of Non-Forest land will be about Rs. 60.00 crores, if Project has to be implemented in Non-Forest area. The cost of timber on felling of 5854 no's of tress coming under present proposed 17.49ha forest area will be about Rs. 54.11 lakhs.</p> <p>Further, it is submitted that, in general there are no standard approved methodologies in practice to evaluate monetary value calculations of ecosystem goods and services of the Forest. It is obvious that there will be loss of tangible ecosystem benefits like timber, tree cover, fodder and also there may be loss to other services. But we cannot evaluate these losses in monetary terms and cannot be compared with the project implementation cost. Hence we have included only the timber value under forest land proposed and also land acquisition and compensation cost under Non-Forest land as mentioned above. However User Agency is paying NPV stipulated by Supreme Court for the damages to ecosystem perceptible and also alternative land has been given to Forest Department for Compensatory Afforestation Purpose.</p> <p>However, since this is an Irrigation Project, allowing of water in to the canals to irrigable command areas will inturn recharge the ground water table, improve the water regime and also will improve the livelihood of farmers. These types of</p>
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		<p>benefits will be there for the general ecosystem by implementation of this irrigation project, which cannot be evaluated in terms of monetary values.</p> <p>So, under above circumstances, it may be kindly considered.</p>
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Hence, the compliance report received from the Deputy Conservator of Forests, Kundapura Division, Kundapura is herewith submitted along with connected records with a request to move the matter with the Government for further needful action.

Yours faithfully,


 Conservator of Forests,
 Mangaluru Circle, Mangaluru.



KARNATAKA NEERAVARI NIGAM LIMITED

(A Government of Karnataka Undertaking)

Office of the Executive Engineer, Karnataka Neeravari Nigam Limited, No.2 Varahi Reservoir
Project Division, Siddapura, Udupi District

Sl.No.:KNNL:EE:No.2-VRPD:PB:VLC-Forest:2022-23/

1949 dtd:13/02/2023

To,

Deputy Conservator of Forests
Kundapura Division,
Kundapura.

Dear Sir,

ಕಂಪ್ಯೂಟರ್ ಸಂಖ್ಯೆ 1760.....
ದಿನಾಂಕ 15-2-2023.....

Sub: Diversion of 17.49ha (Revised from 16.246ha) of forest land in Haladi-76, Shirooru, Billadi, Heggunde and other villages in Udupi and Brahamavara Taluk of Udupi District for construction of Irrigation Main and Branch Canal under Varahi Lift Irrigation Scheme in favour of the Executive Engineer, Karnataka Neeravari Nigam Limited, No.2 Varahi Reservoir Project Division, Udupi-reg
Ref: Principal Chief Conservator of Forests (Forest Conservation) and Nodal Officer (FCA), Bangalore office letter No. KFD/HOEF/A5-2 (GFL)/176/2019-FC dtd:01/02/2023.

With reference to the above subject, the additional compliance to the observations raised under reference letter is now submitted for kind perusal.

Thanking you

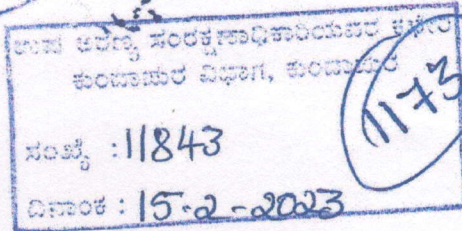
Encl: Compliance Report

Your's faithfully,



Executive Engineer

Karnataka Neeravari Nigam Ltd
No-2, Varahi Reservoir Project Division
Siddapura, Udupi Dist.



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A Concern for Water

Compliance to the observations cited vide letter No.KFD/HOFF/A5-2 (GFL)/176/2019-FC dtd:01/02/2023
Proposal No. FP/KA/IRRIG/41736/2019 {FORM A}

Sl.No.	Observations	Compliance
1.	<p>The Values of Eco System goods and services of the forest area selected for the proposed alignment needs to be compared with the implementation cost in non-forest area to arrive at a specific conclusion of discarding or selecting Forest/Non-Forest area. The user Agency has not submitted the information in this regard. Hence, needs to submitted the information.</p>	<p>The length of the Canal runs over forest land proposed for diversion under Varahi Lift Irrigation Project is 8.90km covering 17.49ha. The cost of land acquisition including compensation in case of Non-Forest land will be about Rs. 60.00crores, if Project has to be implemented in Non-Forest area. The timber cost of felling of 5854 no.s of trees coming under Present proposed 17.49ha Forest area will be about Rs. 54.11lakhs.</p> <p>Further, it is submitted that, in general there are no standard approved methodologies in practice to evaluate monetary value calculations of ecosystem goods and services of the Forest. It is obvious that there will be loss of tangible ecosystem benefits like timber, tree cover, fodder and also there may be loss to other services. But we cannot evaluate these losses in monetary terms and cannot be compared with the project implementation cost. Hence we have included only the timber value under Forest land proposed and also land acquisition and compensation cost under Non-Forest land as mentioned above. However User Agency is paying NPV stipulated by Supreme Court for the damages to ecosystem perceptible and also alternative land has been given to Forest Department for Compensatory Afforestation Purpose.</p> <p>However, since this is an Irrigation Project, allowing of water in to the canals to irrigable command areas will intum recharge the ground water table, improve the water regime and also will improve the livelihood of farmers. These types of benefits will be there for the general ecosystem by implementation of this irrigation project, which cannot be evaluated in terms of monetary values.</p> <p>So, under above circumstances, it may be kindly considered.</p>


 Executive Engineer

Karnataka Neeravari Nigam Ltd
 No-2, Varahi Reservoir Project Division
 4 Siddapura, Udupi Dist.