



OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE,  
AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 813 /3F (Misc)-1289/2021. Date: 25-03-2021

To

The Chief Conservator of Forests  
(Forest Diversion & Nodal Officer, FC Act),  
O/o the Principal Chief Conservator of Forests,  
Odisha, Bhubaneswar.

Sub: Proposal for diversion of 113.075 ha. of forest land for construction of Karapani Irrigation Project with construction of Dam at village Barghat & Dhanijam in Lahunipada Tehsil under Bonai Forest Division in Sundargarh District in the State of Odisha - GoI Observation regarding.

Ref: 1. File No.8-27/2020-FC dtd.12.1.2021 of the MoEF & CC, Govt. of India.  
2. Your Memo No. 1808 dtd.29.1.2021.  
3. Memo No.1910 Dtd.19.03.2021 of the DFO, Bonai Division.

With reference to the aforementioned Memos on the captioned subject, the DFO, Bonai Division vide his Memo No.1909 dtd.19.03.2021 addressed to this office with copy to you in the next Memo of even date has submitted the point-wise compliance with the deficiencies observed by the MoEF & CC as follows :

- i. **Complete KML file of 113.075 ha. of forest land proposed for diversion has not been uploaded online. Forest area estimated from the available KML is worked to be 105.345 ha. while the area worked out from the KML file submitted physically is 112.048 ha. Discrepancy needs to be rectified by the State by uploading correct and complete KML file prepared and constructed based on the Total Station / DGPS survey. Detail of degraded forest land proposed for CA has not been provided in the online proposal. Differential GPS map of the same, along with its KML file needs to be submitted / uploaded by the State. Further, details of other attributes viz. CA Scheme, site suitability certificate has not been uploaded in the Part-II submitted online.**

The DFO, Bonai Division has reported that the User Agency have uploaded the complete KML file of 113.075 ha. of forest land proposed for diversion in the Form-A of the online web portal & further, the GPS Map and the KML file of the degraded forest land identified for CA have also been uploaded in the Form-A of online web portal. Besides, the CA Scheme and site suitability certificate have been uploaded in the Part-II of the online web portal, as reported by the DFO, Bonai Division.

- ii. **DSS analysis of the area proposed for CA revealed that out of 144 ha. of degraded forest land proposed for raising CA, in addition to non-forest land, an area of 88 ha. falls into MDF category which may not be suitable for CA. Therefore, the State Government needs to identify alternate degraded forest land of crown density below 0.4 and the details of the same needs to be uploaded in the online proposal.**

The DFO, Bonai Division has reported that earlier the Divisional Forest Officer, Rourkela Division was requested vide his office Memo No.6895 dt.5.8.2020 to identify another patch of 144 ha. of degraded forest land for the purpose of C.A. with crown density below 40% and submit the C.A. Scheme. As reported by the DFO, Bonai Division, in response to his Office Memo No.6895 dt.5.8.2020, the Divisional Forest Officer, Rourkela Division intimated vide his Memo No.5175 dt.18.9.2020 (**Annexure-I**) that degraded forest land at Harapali RF over 144 ha. identified for C.A. purpose was re-verified as per the observation made by the PCCF (FD & NO FC Act), Bhubaneswar and it was found that, 59 ha. of forest land was coming under open forest category where seedlings @1000 nos / ha. could be planted to achieve the requisite number of seedlings to be planted, i.e., 59000 nos. The remaining 85 ha. (144 ha. (-) 59 ha.) of degraded forest land identified for CA that comes under MDF category has also been included in the C.A. scheme for other ancillary works like Silvicultural operation, Soil Moisture Conservation activities to maintain the forest growth.

- iii. Abstract of tree enumeration provided in Part-II submitted online mentioned total project affected trees as 2072 while the inspection report dated nil of the DCF concerned mentioned 21,371 project affected trees. Discrepancies in the number of project affected trees may be rectified by the State and correct details be intimated and updated on the proposal. Further, details of project affected trees falling between FRL-2 meter and FRL-4 meter has also not been indicated in the online Part-II. The same also needs to be intimated and uploaded by the State.**

The DFO, Bonai Division has clarified the discrepancies as noticed regarding the project affected trees as follows:-

As reported by the DFO, Bonai Division, in order to calculate the total project affected trees in the forest land, sample enumeration over 11 plots has been carried out (Sample plot-wise enumeration list has attached vide **Annexure-II**) and from sample plot analysis the average trees per hectare comes to 189 nos. (=2081 nos. / 11 ha.). Hence, the total project affected trees over 113.075 ha. of forest land by extrapolation of the above said data comes to 21,371 nos as reported by the DFO, Bonai..

Accordingly, necessary corrections have also been done online by the DFO, Bonai Division as reported by him.

Further, as reported by him, the User Agency has intimated that as sample enumeration has been done in the entire area, it is not feasible to find out the affected trees falling between FRL-2 meter and FRL-4 meter. However, the trees falling between FRL-2 meter and FRL-4 shall not be felled during the construction period, as per the undertaking given by the User Agency (**Annexure-II-A**).

- iv. Approval for another proposal of the same project involving forest area of 14.53 ha. has been reported to be obtained from the Integrated Regional Office, Bhubaneswar on 14.8.2017. Extent proposal involves forest area of 113.075 ha. The State Government may, therefore, intimate whether the proposal approved by the Regional Office relates to the same project or standalone project. The State Government also intimate if the project is comprised of different phases and if so detail of all such phases and forest area**

**involved thereof, may be intimated to the MoEF & CC for a holistic view of the forest area involved in the project.**

The DFO, Bonai Division has reported that the present proposal for diversion of 113.075 ha. of forest land is a standalone project and it is not related to the project that has been approved by the Integrated Regional Office, Bhubaneswar on dated 14.8.2017 as intimated by the User Agency.

- v. **Complete details of cost benefit analysis has not been uploaded online i.e. only abstract detail of benefit associated with the project has been provided in the online proposal. Complete and detailed cost benefit analysis supported with detailed technoeconomic estimations followed in carrying out the cost-benefit analysis need to be uploaded online.**

The DFO, Bonai Division has reported that as per the report of the User Agency that the complete details of cost benefit analysis supported with detailed technoeconomic estimations followed in carrying out the cost benefit analysis has been uploaded in the MoEF & CC web portal by the User Agency.

- vi. **Project report submitted online mentioned submergence of 8 km stretch of a District road connecting Khuntagaon to Angul villages. Alternate connectivity proposed to be provided to between these village and status of forest land involved, if any needs to be intimated by the State.**

The DFO, Bonai Division has reported that as per the report of the User Agency that the alternate connecting road plan between village Khuntagaon to Angul is under process and this has been carried out with consolidation of the State R&B Department. It has also been undertaken by him that utmost care shall be taken for minimum use of forest land while providing this alternate connectivity. As reported by him, the alternative map and proposal shall be submitted in due course as per the User Agency. Further, an undertaking to this effect furnished by the User Agency and submitted by the DFO, Bonai Division is enclosed as **Annexure-III**.

- vii. **Project involves displacement of 148 families in 5 villages. R&R Plan for the PAPs, submitted online, is not accessible. The same needs to be uploaded in its compatible format to make accessible.**

The DFO, Bonai Division has reported that as per the report of the User Agency that the project involves displacement of 148 families in 5 villages. Further, he has stated that the User Agency has uploaded an undertaking for preparation approval of R&R plan in compatible format for kind reference.

- viii. **Project involves two major components viz. construction of head works and canals which will involves earth cutting and hence generation of muck. Details of plan for disposal of muck to be generated during the project construction has not been provided in the proposal. The same may needs to be provided by the State.**

The DFO, Bonai Division has reported that the disposal of muck to be generated during the project construction shall be utilized in canal embankment and service road by the User Agency. Further, an undertaking to this effect furnished by the User Agency and submitted by the DFO, Bonai Division is enclosed as **Annexure-IV**.

- ix. **Detailed project component wise breakup of forest land proposed for diversion viz. wire, submergence area, roads, etc. needs to be intimated / uploaded by the State.**

The DFO, Bonai Division has reported that the User Agency has rectified the detailed project components wise break up of forest land proposed for diversion in the Part-I of online as well as offline which is enclosed as **Annexure-V**. Accordingly, the DFO, Bonai has revised his Site Inspection Report which is enclosed as **Annexure-VI**.

- x. **Layout plan of the Canal, indicating its RoW and various components proposed to be constructed in the RoW needs to be provided by the State.**


The DFO, Bonai Division has reported that the detailed layout plan of the Canal, indicating its RoW and various components proposed to be constructed in the RoW has been submitted by the User Agency (**Annexure-VII**).

- xi. **It is also observed that several documents, in their vernacular language without their English version, have been uploaded in the online proposal. The State Government shall ensure that documents uploaded in the vernacular language should invariably be accompanied with their English version also. Necessary updation in the online proposal may be made by the State Government.**

The DFO, Bonai Division has reported that the documents those were uploaded by the User Agency in the vernacular language have been updated with their English version in the online proposal.

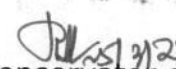
This is for favour of your kind information and necessary action.

Encl: As above.

  
Regional Chief Conservator of Forests,  
Rourkela Circle

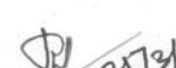
Memo No 814 / Date: 25-03-2021

Copy forwarded to the Divisional Forest Officer, Bonai Division for information and necessary action with reference to his Memo No.1909 Dtd.19.03.2021.

  
Regional Chief Conservator of Forests,  
Rourkela Circle

Memo No 815 / Date: 25-03-2021

Copy forwarded to the Executive Engineer, IB Investigation Division, Sundargarh for information and necessary action with reference to Memo No. 1911 Dtd.19.03.2021 of DFO, Bonai Division.

  
Regional Chief Conservator of Forests,  
Rourkela Circle