



## STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, (SEIAA), ORISSA.

(Constituted vide order No. S.O. 2674 (E) Date 17<sup>th</sup> Nov. 2008 of Ministry of Environment & Forest, Govt. of India, Under Environment Protection Act, 1986.) Qr. No. 5RF-2/1, Unit-IX, Bhubaneswar-751022  
[E-mail-seiaaorissa@gmail.com](mailto:E-mail-seiaaorissa@gmail.com), Website - [www.orissaseiaa.gov.in](http://www.orissaseiaa.gov.in)

Ref. No. \_\_\_\_\_

Dt. \_\_\_\_\_

To

The Executive Engineer  
Kalahandi, Minor Irrigation division,  
Bhawanipatna, Kalahandi

Sub: Environmental Clearance for Turpi Minor Irrigation Project at Turpi, Po: Kartaponda in Bhawanipatna Block of Kalahandi district.

Sir,

With reference to your letter no 1740 dated 14.05.09 along with application Terms of Reference (TOR) and subsequent letter no 544 dated 23.02.2010 for Environmental Clearance on the above mentioned subject, I am directed to say that the SEIAA, Orissa considered the application on the proposal for construction of Turpi Minor Irrigation project, a reservoir scheme project which is going to be constructed across the Khalan Nalla near the village Turpi in Bhabanipatana Block of Kalahandi district. The project is situated around 30 km. away from the District Head quarters and it is around 3km away from the nearby village Turpi. This area is coming under the drought prone area of kalahandi District for which the farmers are facing a lot of problems in cultivation every year due to non availability of irrigation facilities to this area( Either by Major, Medium or Minor Irrigation Project). In order to meet the irrigation requirement of the farmers of this area, construction of this project is much more essential 117.43 Acres of Private land has already been acquired for the construction of this project (Both for Head works & Canal system) and there will not be any kind of objection by the land owners during the construction. A diversion proposal for acquisition of 6.08ha of Forest land (1.46ha reserve Forest and 4.62 ha. of village forest) has already been initiated since January 2006 & it is still pending due to non availability of Environmental Clearance. There will not be any displacement of the inhabitants as it is situated far away from the habitation. The inhabitants of this area are much more anxious for this project as this area will be green soon after its construction. This project will provide assured irrigation to 809ha of land during Khariff and 200ha of land during Rabi cultivation. The farmers of Turpi, Chheliamal, Padiagaon & Themera will be benefited by this project. There is also a possibility of pisci-culture in this project. The living as well as financial standard of the inhabitants of this area will improve soon after the construction of this project. There will be no environmental impact during execution or after completion of this M.I. project. The project is under category 'B<sub>2</sub>' and also does not cause any submergence.

Based on the information, documents and clarifications provided by you the SEIAA hereby accords Environmental Clearance in favour of the project for a period of 10 years under the provision of EIA Notification, 2006 and subsequent amendments there to subject to the following stipulated conditions.

**Stipulated Conditions:-**

- 1) This environmental clearance is valid for a period of 10 years from the date of issue of EC.
- 2) The project proponent shall submit Review Report on the status of compliance of the stipulated EC conditions including results of monitored data if any (both in hard Copies as well as by e-mail) to the SEIAA after 5 years.
- 3) Occurrence of stagnant pools/slow moving water channels during construction and operation of the project providing breeding source for vector mosquitoes and other parasites may be avoided. The water should be properly channelised so that no small pool and poodles are allowed to be formed. Even after taking due precautions due to unforeseen situations, breeding of mosquitoes and resultant malaria or mosquitoes-borne diseases can increase. If such a situation arises, It will be the responsibility of project authorities to take all steps, i.e. spraying of insecticides in all the affected/ likely to be affected project area and surrounding 3 km. area keeping the flight range of mosquitoes in consideration.
- 4) Statutory Clearance from any other Authority, if required should be obtained as and when required.
- 5) Adequate free fuel arrangement should be made for the labour force engaged in the construction work at project cost so that indiscriminate felling of trees is prevented.
- 6) Medical facilities should also be provided to the labourers, staying at the project site. Adequate steps to be taken to maintain good socio-economic conditions of the people leaving in core area (i.e. within 5 km. radius from the project site). After a detailed primary socio-economic survey.
- 7) All the labourers to be engaged for construction works should be thoroughly examined by health care personnel from time to time and adequately treated if necessary. First-aid medical facilities should be provided at the project side.
- 8) All the equipment which are likely to generate high noise levels are to be fully mollified (noise reduction measures)
- 9) Consolidation & Compilation of the muck should be carried out in the muck dump sites and the dump sites should be above high flood level.
- 10) Adequate financial provision should be made in the total budget of the project for implementation of the environmental safeguard measures.
- 11) The responsibility of implementation of environmental safeguards rests fully with the project proponents.
- 12) The project proponent would take adequate measures to ensure that the PM in ambient air quality is within the prescribed limit.

- 13) Adequate steps shall be taken by the project proponent to protect flora and fauna of the project area.
- 14) In case of change in the scope of the project or implementation, it would require a fresh appraisal.
- 15) The proponent will plant sufficient number of trees along the canal embankments.
- 16) The SEIAA reserves the rights to add additional safeguard measures subsequently, if found necessary.
- 17) The SEIAA reserves the rights to cancel this EC and to take action as per the provisions of the Environment (protection) Act.1986, in case of noncompliance of any of the above stipulated conditions.

(Bhagirathi Behera)  
Member Secretary

**Memo No.** \_\_\_\_\_ **Dt.** \_\_\_\_\_

Copy to:

1. Ministry of Environment & Forests Govt. of India, Paryavaran Bhawan, C.G.O. Complex, Lodhi Road, New Delhi-110003 for kind information.
2. Principal Secretary to Govt., Forests & Environment Dept. for kind information.
3. Chairman, State Pollution Control Board, Parivesh Bhawan, A/118, Nilakantha Nagar, Unit-8, BBSR for kind information.
4. Chief Conservator of Forests, Regional Office (EZ), Ministry of Environment & Forests, A-31, Chandrasekharpur, Bhubaneswar for kind information.
5. Chairman, Central Pollution Control Board, CBD-cum-office Complex, East Arjun Nagar, New Delhi, 110032 for kind information.
6. Collector, Dist-Kalahandi, for kind information and necessary action.
7. Copy forwarded to the Chairman/ Member Secy./ Member for kind information.
8. Chairman SEAC/Secretary SEAC, Parivesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for kind information.
9. Guard file for records.

Member Secretary