



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

(Constituted vide order No. S.O. 2674 (E) Date 17th Nov. 2008 of Ministry of Environment & Forest, Govt. of India, Under Environment Protection Act, 1986.) Qr. No. 5RF-2/1, Unit-IX, Bhubaneswar-751022
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Ref. No. _____

Dt. _____

SEIAA-205/10

From

Shri Bhagirathi Behera, IFS
Director, Env. –cum–Spl.
Secy. to Government,
F&E Department
& Member Secretary, SEIAA, Orissa.

To

The Executive Engineer
Minor Irrigation Division,
Rayagada-765001, Dist-Rayagada
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Sub: Environmental Clearance for construction of Tunkhal Minor Irrigation Project in the district of Rayagada.

Sir,

This has reference to your letter no. 5864 dated 04.09.2010 along with Form-I of application for Terms of Reference (ToR) and subsequent letter no. 8018 dated 18.08.2011 for Environmental Clearance on the above mentioned subject I am directed to say that the State Environment Impact Assessment Authority, Orissa have considered the application on the proposal for construction of Tunkhal Minor Irrigation Project in the district of Rayagada. Tunkhal M.I.P is a Diversion Weir project across Chaigadar nalla in Indrabati Sub-Basin situated near Tunkhal village of Dasamanthpur block in Koraput District. The area is mostly inhabited by Schedule Tribe, Schedule Caste, small and marginal farmers. The local people depend entirely on the vagaries of nature through rain fall for agriculture. There is no irrigation facilities and as such people are deprived of getting irrigation although this stream is flowing in this area. The major portion of monsoon water share flows into the nalla without being utilized for irrigation purpose. The demand for a construction for a Minor Irrigation projects over the Nalla has been a long standing demand of the general public of this area and as such to provide assured irrigation it is felt necessary to construct a reservoir/Diversion Weir project in the locality to fulfill their demand. It is proposed to provide irrigation to 40 ha. Khariff and 10 ha. in Rabi. There is no submergence and no displacement of people. There is also no involvement of forest land in the project area. The living as well as financial standard of the inhabitants of this area will improve soon after the construction of this project. The proposal was discussed in the SEAC meeting held on 19th & 20th November, 2010. The SEAC observed that the Form-I and other enclosed documents have been prepared in an

amateurish manner and the SEAC decided to ask the proponent to resubmit the modified Form-I along with other relevant documents for consideration. The proponent submitted the modified Form-I and other documents. The committee verified the same and decided to call the proponent for presentation of their proposal before the SEAC.

The project proponent, the executive engineer, MI Division, Rayagada presented the proposal before the SEAC. The SEAC considered the project under category-B₂ and exempted it from EIA/EMP studies/reports and recommended for grant of Environmental Clearance with the following stipulated conditions.

Based on the information, documents and clarifications provided by you, the State Environment Impact Assessment Authority, (SEIAA) hereby accords Environmental Clearance in favour of the projects under the provisions of Environment Impact Assessment Notification, 2006 and Notification, 2009 and subsequent amendment thereto under various MOEF, Govt. of India circulars thereunder with the following stipulated conditions.

Stipulated Conditions:-

- 1) This environmental clearance is valid for a period of 10 years from the date of issue of E.C.
- 2) The project proponent shall submit Review Report on the status of compliance of the stipulated E.C 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 within 3 km. area, keeping the flight range of mosquitoes in consideration.
- 4) The proponent shall obtain Forest clearance and any other statutory clearance from the concerned Authority, if 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 sites.
- 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 site.
- 8) All the equipment which are likely to generate high noise levels are to be fully mollified (noise reduction measures).
- 9) Consolidation and 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 for implementation of environmental safeguards rest fully with the project proponent.
- 12) The project proponent would take adequate measures to ensure that the Particulate Matter in ambient air qualities within the prescribed limit.

- 13) Adequate steps shall be taken by the project proponent to protect flora and fauna of the project area.
- 14) Survey of flora and fauna along with conservation measures including peripheral soil conservation measures to avoid extensive siltation, should be done by a competent body.
- 15) In case of change in the scope of the project or implementation, it would require a fresh appraisal.
- 16) The proponent will plant sufficient number of trees along the sides of the canal embankments. They should also take up foreshore plantation along the reservoir sides between the HFL and LFL. Soil conservation measures and tree plantation should also be taken up in critically degraded catchment area. .
- 17) The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary.
- 18) The SEIAA reserves the right to cancel this E.C. 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.

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, Paribesh 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, Chandra Sekharpur, 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 & District Magistrate, Rayagada for kind information and necessary action.
7. Copy forwarded to the Chairman/ Member Secy./Member for kind information.
8. Chairman SEAC/Secretary SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for kind information.
9. Guard file for records.

Member Secretary