



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. _____

From

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

To

The Executive Engineer
Minor Irrigation Division, Sambalpur
At/Po-Motijharan, Dist-Sambalpur,
Odisha, Pin-768009

Sub: Environmental Clearance for Tusula Minor Irrigation Project in Barkote Block of Deogarh District.

Sir,

With reference to your letter no 2035 dated 01.07.09 along with application Terms of Reference (ToR) and subsequent letter no 1057 dated 18.03.10 for Environmental Clearance on the above mentioned subject, I am directed to say that the SEIAA, Odisha considered the application on the proposal for construction of Tusula Minor Irrigation project in Barkote, Deogarh district.

Tusula MIP is an on going diversion scheme near Tusula village in Barkote Block of Deogarh District in Odisha State. The project has been designed to provide irrigation to 162.00 ha of Kharif and 20.00 ha of Rabi ayacut through left side and right side distribution systems of length 2.60 km and 3.87 km respectively. Forest and non-forest land over 4.04 acres and 11.15 acres respectively are required for construction of the project. The nearby villages are chronically affected by drought. So after construction of the project, the socio-economic condition of the villagers will improve. There will be no environmental impact during execution or after completion of this M.I. project. The project also does not cause any submergence.

The project site is nearer to the forest area. The distribution system is to pass through village forest land over 0.80 km against the total length of 6.47 km. No tree cutting is involved during execution of the canal system. The construction of head works has been completed without damaging any vegetation. Blasting will not be required during excavation of canals as the area comes under hard soil and gravelly soil zone. as such, there is no such adverse impact on the environment during execution of the project. The project proponent has assured that all the terms and conditions as applicable to avoid environmental pollution will be followed during construction of the project.

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 (ten) years under the provision of EIA Notification, 2006 and Notification, 2009 and subsequent amendment thereto under various MOEF Circulars there under and 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 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 of implementation of environmental safeguards rest fully with the project proponent.
- 12) The project proponent would take adequate measures to ensure that the PM 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) 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 right 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.

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, 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, Dist- Deogarh, 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