

APPENDIX

(SEE Rule 6)

Form for seeking prior approval under section 2 of the proposals by the State Government and other authorities.

PART-I

(To be filled up by user agency)

1. Project details:

- (i) Short narrative of the proposal and project/scheme for which the forest land is required.

The proposed Tuirial Hydro Electric Project with an installed capacity of 2 x 30 MW develops the lowest possible stage of the Tuirial river system in the North Eastern State of Mizoram. The catchment area of the Tuirial has an area of about 1860 Km<sup>2</sup> and is located in the centre of Mizoram.

The North Eastern Electric Power Corporation (NEEPCO) was entrusted by the Government of India in 1998 for implementation of the Tuirial Hydro Electric Project. Since then, NEEPCO has continued studies of the project and has obtained necessary statutory clearances from various regulatory authorities.

To carryout various construction activities of Tuirial HEP, sufficient quantity of aggregate will be required. In order to meet up the above quantities various options of quarry were explored in different places and Maucher Quarry been identified within the Mizoram.

The proposed quarry near Maucher village, Mizoram is expected to meet our additional quarry requirement, if found suitable after necessary exploration, testing etc. Approximately, 20000 CUM of stone/rock are expected to be extracted from Maucher quarry. The proposed Quarry covers approximately 2 Ha of land. The highest level of Quarry is at 551m. The Co-ordinates of Maucher Quarry N-2997.503, E-4003.217. The extracted material from Maucher Quarry will be utilized in construction of TrHEP by M/S Patel Engineering Ltd, our contractor for Civil Packages after paying necessary royalty time to time. The proposed quarry is proposed to be taken on lease basis and the same will be handed over for use by the State Government on completion of construction activities of Tuirial Project.

The completion of the project will provide Mizoram state with quality power and also revenue earning @12% of the total generation from the project, which will benefit the power starved state.

- (ii) Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map: Hard copy in reduced scale enclosed.
- (iii) Cost of the Tuirial H. E. Project: 913.63 Cr March, 2010 PL.

- (iv) Justification for locating the project in forest area: From visual inspection of Maucher Quarry area, it appears that some amount of quarry boulders will be available which prima facie appears to be of good quality. The same will be confirmed only after necessary investigation/ testing. There is no other area where rock quality is suitable for construction purpose. The royalty will be paid to Govt. of Mizoram only. Bringing construction material from Silchar is costly & time taking. If this quarry is approved, construction time will be reduced.
- (v) Cost-benefit analysis : Area is less than 5ha, hence not required
- (vi) Employment likely to be generated: Nil
2. Purpose-wise break- up of the total land required: Area required on lease basis =2Ha. The total length of 14 Km of road up to quarry point will be upgraded by M/S Patel Engineering Ltd. on receipt of approval for the quarry. The same road will improve the communication of Maucher village.
3. Details of displacement of people due to the project, if any:
- i) Number of families : (None).
- (ii) Number of Scheduled Castes/Scheduled Tribes families. : (None).
- iii) Rehabilitation plan. (To be enclosed) : (Not required).
4. Whether clearance under Environment (Protection) Act, 1986 required?(Yes/No) : No
5. Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone, etc. as per the scheme prepared by the State Government (undertaking to be enclosed): Enclosed
6. Details of Certificates/Documents enclosed as required under the instructions.  
1. Map of the quarry area in reduced scale. 2. Undertaking as per Sl. No. 5.

Signature:- 

Name in Block letters: - N.K. Mao

Designation:- Head of Project,  
NEEPCO Ltd.

Tuirial HE Project, Mizoram.