

APPENDIX PART - II

(TO BE FILLED BY THE CONCERNED DEPUTY CONSERVATOR OF FORESTS)

State Serial No. Proposal \_\_\_\_\_

- 7 Location of the Project/Scheme HEO HYDRO ELECTRIC PROJECT
- (i) State/Union Territory :- Arunachal Pradesh
- (ii) District :- West siang
- (iii) Forest Division :- Along Forest Division, Aalo.
- (iv) Area of forest land proposed for diversion (in HA) :- 55.7 ha.  
(Area Classification enclosed)
- (v) Legal status of forests :- Unclassified State Forest (USF)
- (vi) Density of Vegetation :- 1.Dense Forest:-(Density-0.4 to 0.5)  
Eco Class - I Tropical semi evergreen.
- (vii) Species wise (Scientific Names) and diameter class-wise enumeration of trees (to be enclosed) in case of irrigation/Hydel Project enumeration FRL FRL-2 meter & FRL - 4 meter are to be enclosed. :- Enclosed Annexure -I  
At FRL, Annexure-I  
At FRL - 2 Meters, Annexure-II  
At FRL - 4 Meters, Annexure-III  
At area other then submergence, Annexure-IV
- (viii) Brief note on vulnerability of the forest area to erosion. :- The proposed area for diversion is mostly rocky, has vegetation cover & is not prone to erosion. The topography seems to be fairly stable. Some areas may become vulnerable to erosion if devoid of vegetation.
- (ix) Approximate distance of proposed site for diversion from boundary of Forests. :- The proposed project site is approx. 32 km away from Mechuka St. R.F; approx. 34.5 km away from Dibang Dihang Biosphere Reserve; approx.88 km from Yordi Rabe Supse Wildlife Sanctuary and approx. 18 km from Mouling National Park.
- (x) Whether form part of National Parks, wildlife sanctuary, Biosphere Reserve Tiger, Reserve Elephant Corridor, etc (if so the details of the area and comments of the Chief Wildlife to be annexed). :- No, the Proposed site for the Heo Hydro Electric Project (240 MW) by M/S Heo Hydro Power Pvt. Ltd. does not form a part of National Park, Wildlife Sanctuary, Biosphere Reserve, Elephant corridor etc.
- (xi) Whether any rare/endangered unique species of flora & fauna found in the area, if so details thereof. :- No rare/endangered unique species of flora & fauna were found on the project site.  
Enclosed Annexure -V
- (xii) Whether any protected archeological/heritage site/defence establishment or any other important monuments is located in the area if so, the details thereof with NOC from competent authority if required. :- No any protected archeological/heritage site/defence establishment or any other important monuments is located in the proposed area .
- 8 Whether the requirement of forest land as proposed by the user agency in col.2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item wise with details of alternatives examined. :- Yes,the requirement of Forest land as proposed by the user agency is unavoidable and the barest minimum for the project.
- 9 Whether any work in violation of Act has been carried out(Yes/No) If yes, details of the same including period of work done action taken on erring officials, whether work on violation is still in progress. :- No work in violation of the Act has been carried out till the time of Survey.
- 10 Details of compensatory afforestation scheme :-
- (i) Details of Non forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, Number of patches size of each patches. :- 1) USF area of 55.7ha X 2=111.4 ha under Basar Forest Range at Chisi village is proposed for raising of Compensatory Afforestation.  
2) Distance from adjoining forest : 12 km approx  
3) Number of patch :- 1  
4) Size of patch :- 111.40 Ha  
Enclosed Annexure-VI
- (ii) Map showing non forest/degraded forest area identified for Comp Afforestation and adjoining forest boundaries. :- Enclosed Annexure-VII

- (iii) Details compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc. :- Enclosed Annexure-VIII
- (iv) Total financial outlay for compensatory afforestation scheme (Rs) :- 25,023,389.70
- (v) Certificate from competent authority regarding suitability of area identified for comp. Afforestation & from management point of view (to be signed by concerned Deputy Conservator of Forests). :- Enclosed annexure-IX
- 11 Site inspection report of the DCF (to be enclosed) in respect of status of compliance of conditions Stipulated during earlier approval. :- Enclosed Annexure-X
- 12 **Division / Disttt. Profile.**
- (i) Geographical area of the Division. :- 5049 Sq.Km.
- (ii) Forest area of the District. :- 6719 Sq. Km. (As per state of Forest report FSI, 2009).  
West siang District includes Along & Likabali Forest Division.
- (iii) Total Forest area diverted since 1980 with no.of Cases :- 431.54 ha, 14 no. of cases (Annexure XI)
- (iv) Total compensatory afforestation stipulated in the Distt/ Division since 1980 on
- (a) Forest Land including penal Compensatory Afforestation. :- 1137.88 ha (Annexure XII enclosed)
- (b) Non Forest land :- —
- (v) Progress of Compensatory Afforestation as on (date) :-
- (a) Forest land :- 657.28 (Annexure XII enclosed)
- (b) Non Forest land :- —
- 13 Specific recommendation of the DCF for acceptance or otherwise of the proposal with reason. :- The project is expected to cater to the local power requirement and provide employment opportunities to the local people.As the cost of f compensatory afforestation and net present value of the diverted Forest area shall be paid by the user agency, proposal for diversion of Heo hydro electric project may be accepted and is therefore recommended.

Dated:- / May/2013

Place:- Aalo.

  
( Koj Rihya ) IFS,  
Divisional Forest Officer  
Along Forest Division  
Aalo

### PART-III

(To be filled up by the Chief Conservator of Forests)

1. Whether site, where the Forest land involved is located has been inspected by the concerned Chief Conservator of Forests (Yes/No), If yes, the date of inspection & observation made in form of inspection note to be enclosed **Yes**
  
2. Whether the concerned Chief Conservator of Forests agree with the information given in the Part-II and recommendations of Deputy Conservator of Forests. **Yes**
  
3. Specific recommendation of concerned Chief Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons.
  - a. The project will be carried out in high altitude **cold** areas where there is **great threat** to forest due to collection of firewood for heating purpose, also for construction of houses as most of the houses in high altitude areas use substantial volume of timber in construction. With improvement in the standard of living, and with influx of more people into the area, there will be much more stress on forest around for firewood for heating purpose and also for timber, resulting in more degradation of forest areas around, leading to higher soil erosion in this kind of high rainfall areas. So, there should be more stress on preservation and improvement of forest, for the long sustenance of the project. There might not be sufficient fund in future, for a long term, to ensure proper protection and improvement of forests as forestry sector projects are carried for a particular period; and after the completion of the forestry projects there is hardly any money left to account for the future degradation or to take up unforeseen improvement works. To ensure regular fund flow for protection and improvement of forest and environment, it should be ensured that a particular portion of income generating out of the project is ploughed back to the forest sector; may be around 10% of royalty that is coming to the state from the sale of power be invested back into the forestry sector for maintenance, improvement and protection of forests, wildlife and environment. Out of the royalty that will flow back to the forestry sector, at least 10% of that amount should be invested in the areas just around the project.

- b. The power developer should provide all assistance to the forest department in protection, improvement of forests by providing necessary logistics whenever required.
- c. The power developer should green all the available areas in the project area, as per the guidance of the forest department, after commissioning of the project.


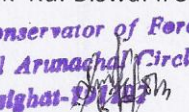
With this comments above, the proposal for diversion of forest land for Heo Hydroelectricity Project (210MW) is **recommended for approval** because of the power need of the country and for the development of the state.

Date:-06.06.2013  
Place:-Pasighat

Name: ( Ashok Ku. Biswal IFS )

**Chief Conservator of Forests**  
**Central Arunachal Circle**  
**Pasighat-785001**

Official Seal

## PART-IV

(To be filled in by the Nodal Officer or Principal Chief Conservator of Forests or Head of Forest Department)

13. Detailed opinion and specific recommendation of the stated Forest department for acceptance for otherwise of the proposal with remarks.

The proposal is recommended for acceptance.

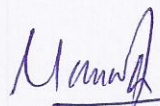
(While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon)

Date:-----

18/11/2013

Place:-----

Itanagar

  
Signature  
Nodal Officer  
(Forest Conservation)  
Arunachal Pradesh, Itanagar.  
Name & designation  
(Official Seal)

### PART-V

(To be filled in by the Secretary in charge of Forest Department or by any other authorised officer of the State Government not below the rank of an Under Secretary)

14. Recommendation of the State Government:  
(Adverse comments made by any officer or authority in Part-B or Part-C or Part-D above should be specifically commented upon)

State Govt of Arunachal Pradesh recommends the proposal in order to tap hydropower potential with a view to augmenting power production in the state & the nation. There has been no adverse comments from any authority against the said project.

Date: 10.11.2013  
Place: Itanagar



Signature  
Name & Designation  
(Official Seal)  
Principal Chief Conservator of Forests  
Govt. of Arunachal Pradesh  
Itanagar