

No. J-12011/3/2005-IA-I
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan,
C.G.O. Complex, Lodi Road,
New Delhi-110003

Dated: 30.05.2005.

Chairman cum Managing Director,
National Hydroelectric Power Corporation Ltd.,
NHPC Office Complex,
Sector-33,
FARIDABAD – 121003
HARYANA

Subject: Nimoo-Bazgo Hydro Electric Project (45 MW) in District Leh , Jammu & Kashmir – Environmental Clearance reg.

Sir,

This has reference to your letter No.NH/PD/Env.102/40 dated 06.01.2005, 03.09.2004, 14.02.2005, 30.03.2005 & 18.04.2005 on the above subject.

2. The above-referred proposal was considered by the Expert Committee for River Valley & Hydroelectric projects at its meeting held on 09.02.2005. The Nimoo-Bazgo Hydro electric project (45 MW) is a run-of-river scheme is proposed on the Indus river about one km upstream of village Alchi in Leh district of Jammu & Kashmir. A concrete gravity dam with 57 m height from deepest foundation level will be constructed. Total land requirement is 515.20 hectare. Out of that 12 ha. is private land and rest 503.2 ha. is Government land. The 11th Centaury Alchi Monastery is located 1.4 Km down stream of the project site. Due to this project a total of 19 families from four villages will be affected on account of acquisition of their land. Public Hearing was held on 15.12.2004 at village Saspol, district Leh. The capital cost of the project is 637.97 Crores at January 2004 price level.

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3. The Environmental Management Plan submitted by NHPC has been examined. The Ministry of Environment and Forests hereby accords environmental clearance as per the provisions of Impact Assessment Notification, 1994, subject to strict compliance of the terms and conditions as follows:

Part A: Specific Conditions

- (i) Catchment Area Treatment Plan as has been proposed should be completed in five years. The plan is reproduced below:

Treatment Year	Biological Measure	Engineering Measures			
	Plantation (ha.)	Check Dams (Nos.)	Breast Walls (R.m)	DRSM (R.m)	M W Crates (R.m)
1 st	-	145	600	100	310
2 nd	187	120	700	300	260
3 rd	247	170	900	200	310
4 th	134	130	1000	250	550
5 th	27	90	600	150	550
Total	595	655	3800	1000	1980

- (ii) N.O.C. from Archaeological Survey of India (ASI) for Alchi Monastery should be obtained before starting any construction activity.
- (iii) Resettlement and Rehabilitation package for 19 families as proposed in EMP should be implemented in toto. The economic rehabilitation of the affected population should be covered through vocational training e.g. computer education, food processing, electronic / mechanical jobs etc.
- (iv) The solatium for the project affected families should be given 30 per cent of land price in line with the Government of India guidelines.
- (v) The proposed Fisheries Development Plan should be implemented in consultation with the State Fisheries Department.
- (vi) The Biodiversity Conservation Plan proposed for protection of Flora & Fauna of the project area as well as catchment area on page 18 of EMP, should be followed in toto.

Part-B: General Conditions

- (i) 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. Fuel depot may be opened at the site to provide the fuel (kerosene/wood/LPG).
 - (ii) Medical facilities as well as recreational facilities should also be provided to the labourers.
 - (iii) All the labourers to be engaged for construction works should be thoroughly examined by health personnel and adequately treated before issuing them work permit.
 - (iv) A Monitoring Committee for R & R should be constituted which must include representatives of project-affected persons from ST category and a woman beneficiary.
 - (v) Restoration of construction area including dumping site of excavated materials should be ensured by leveling, filling up of burrow pits, landscaping etc. The area should be properly treated with suitable plantation.
 - (vi) Financial provision should be made in the total budget of the project for implementation of the above suggested safeguard measures.
 - (vii) A Multidisciplinary Committee should be constituted with representatives from various disciplines of forestry, ecology, wildlife, soil conservation, NGO etc. to oversee the effective implementation of the suggested safeguard measures.
 - (viii) Six monthly monitoring reports should be submitted to the Ministry and its Regional Office, Chandigarh for review.
4. Officials from Regional Office MOEF, Chandigarh who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection.
5. The responsibility of implementation of environmental safeguards rests fully with the NHPC & Government of Jammu & Kashmir.
6. In case of change in the scope of the project, project would require a fresh appraisal.
7. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the clearance under the provisions of

the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time- bound and satisfactory manner.

8. This clearance letter is valid for a period of five years from the date of issue of this letter for commencement of construction work.

9. A copy of the clearance letter will be marked to concerned Panchayat, if any, from whom any suggestion/ representation has been received while processing the proposal.

10. State Pollution Control Board / Committee should display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's office/ Tehsildar's office for 30 days.

11. The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board / Committee and may also be seen at Website of the Ministry of Environment and Forests at [http:// www.envfor.nic.in](http://www.envfor.nic.in)



(Dr. S. Bhowmik)
Additional Director

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti, Bhawan, Rafi Marg, New Delhi-110001.
2. The Principal Secretary, Power Development Department, Government of J & K.
3. The Secretary, Department of Environment, Government of J & K.
4. The Secretary, Ministry of Water Resources, Shram Shakti Bhawan, Rafi Marg, New Delhi-110001.
5. The Adviser (Power), Planning Commission, Yojna Bhawan, New Delhi - 110001.
6. The Chief Engineer, Project Appraisal Directorate, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
7. The Regional Office, Ministry of Environment & Forests, Chandigarh.
8. Member Secretary, J & K State Pollution Control Board, Jammu / Srinagar J &K .
9. EI- Division, Ministry of Environment & Forests, New Delhi-110003.
10. Guard file.

(Dr. S. Bhowmik)
Additional Director