



H.P. STATE ENVIRONMENT PROTECTION
&
POLLUTION CONTROL BOARD
PARVAVARAN BHAVAN, PHASE III, SHIMLA-171 009.
PH. 0177-2673766, 2673020 & 32, FAX : 0177-2673018

B.B-05

NO. HP SEP&PCB/J.P. Karchham Wangtoo HEP-Kinnaur/2005-9/27-34 Dated: 8.8.05

From: Member-Secretary

To: M/S J.P. Karcham Hydro Corporation Limited,
C-16, Sector -1, SDA Housing Colony,
New Shimla - 171 009, H.P.

Subject: Consent to establish for (4x250=1000MW) Karcham Wangtoo Hydel Project proposed by M/S Jaypee Karcham Hydro Corporation Limited in Distt. Kinnaur, H.P. under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.

Sir,
M/S J.P. Karcham Hydro Corporation Limited, have applied for Consent to Establish under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 for the establishment of Karcham Wangtoo (4x250=1000 MW) Hydro Power Project based on Satluj River with diversion dam in Karcham area of village Karcham, District Kinnaur, (H.P) and Power House on right bank of river Satluj in village Wangtoo, District Kinnaur, H.P. The proponent of the project have submitted Environmental Impact Assessment and Environmental Management Plan. The State Board organized internal presentations on 17-07-2002, 18-12-2002 before the Subject Matter Specialists on the Environmental Impact Assessment and Environmental Management Plan (EIA/EMP) submitted by proponent on their proposal for setting up the proposed project. Observations of the Subject Matter Specialists were conveyed to the proponent on 12-08-2002 & 27-12-2002 and the proponent were asked to integrate these observations in the EIA/EMP. Proponent supplied requisite information and data on these observations on 05-09-2002 & 28-02-2003.

First Environmental Public Hearing for the proposed Hydel Project was convened by the State Board on 18-06-2003 in compliance to the procedure laid down by the Government of India in the notification No. SO-318 (E) dated 10-04-1997. In order to make process more participatory and broad based and in continuation to the previous Environmental Public Hearing organized by the State Board on 18-06-2003, the second Environmental Public Hearing in respect of proposed project was held on 07-10-2003. Proceedings of these two Public Hearings were sent by the State Board to the Secretary (S&T), Government of Himachal Pradesh vide letter No. EP&PCB/JP Karchham Wangtoo/2003-18375 dated 23-12-2003.

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FAX NO. : 91 177 2670883

FROM : JALPRAKASH IND SHIMLA

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ner in pursuance to the contents of letter No. STE-F (2)-6/2003, dated 29-09-2004 from the Secretary (S&T), Government of Himachal Pradesh, Shimla-cum-Chairman, State Level Environment Impact Assessment & Monitoring Committee to hold Environmental Public Hearing as per prescribed procedure, State Board in continuation to the previous Environmental Public Hearings held on 18-06-2003 and 07-10-2003, organized & conducted the third Environmental Public Hearing in respect of proposed project on 09-11-2004.

Proceedings of the third Public Hearing held on 09-11-2004 were also sent to the Secretary (S&T), Government of Himachal Pradesh-cum- Chairman, State Level EIA & Monitoring Committee vide letter No. HPSEP&PCB / Karcham Wangtoo HEP- Kinnaur /05 - 17762 - 66 dated 19-01-2005. The State level EIA & Monitoring Committee held detailed deliberations on the project in the intervening period. Finally the Secretary (S&T), Government of Himachal Pradesh recommended the case for environmental clearance to the Government of India vide letter No. STE-F(2)-6/2003 dated 16-07-2005.

In view of the detailed examination of the proposal by the State Board as well as the State Level EIA & Monitoring Committee as above and the information provided by the proponent, the State Board hereby issues consent to establish to the abovementioned project under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 subject to the terms and conditions mentioned hereinafter:

1. This consent to establish is only issued under the provisions of Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981 and the proponent shall obtain clearances/NOC's from the concerned departments such as Fisheries, Forests, IPH, Revenue etc. related to issues relevant to these departments.
2. This consent is valid for one year from the date of issue and shall subsequently have to be renewed for next financial year or part thereof within the validity of this consent failing which the consentee shall be liable for penalty as per provisions in force from time to time.
3. This consent to establish is subject to the Environmental Clearance of the proposed project by the Ministry of Environment & Forests, Government of India and also subject to the conditions of Environmental Clearance as may be incorporated by the Government of India.
4. This consent to establish is also subject to the conditions laid down by State Level Environment Impact Assessment and Monitoring Committee while forwarding the proposal to the Ministry of Environment & Forests, Government of India for Environmental Clearance vide letter No. STE-F(2)-6/2003 dated 16-07-2005
5. This consent to establish is also subject to the fulfillment of the commitments made by the proponent during the public hearings of the project.
6. The proponent shall comply with any other conditions laid down or directions issued by the Board or State Government or Ministry of Environment & Forests, Government of India or Central Pollution Control Board under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981 and/or Environment (Protection) Act, 1986 from time to time, as the case may be.

Nothing in this consent to establish shall be deemed to preclude the institution of any legal action nor relieve the applicant from any responsibilities or penalties to which the applicant is or may be subject to under the provisions of the Acts/laws other than those mentioned above.

- 8 The proponent shall implement the Environmental Management Plan subject to the conditions of this consent during execution, operation and decommissioning, as the case may be.
- 9 The conditions of consent and provisions of aforesaid Acts shall apply to the consentee as well as all the contractor agencies as may be engaged by it for implementation of the project. Renewal of consent to establish shall have to be applied by the contractors also as per procedure notified by the State Board vide notification No. PCB (Engg.) Bd. Mtg. (50) / 2004 - 4912-42 dated 12-06-2004 (copy enclosed).
- 10 This consent shall confer no right on the proponents to acquire land which shall strictly be governed by the relevant laws of the State covering land revenue and adequate compensation as may be decided by the competent authority shall be paid for acquiring the land and/or property as the case may be.
- 11 The proponent shall be bound to pay the Environmental Management Plan Monitoring costs amounting to Rs. 68.00 lakhs during construction and operation phases as shown in the EMP as per time line schedule submitted by the proponent. However Proponent shall deposit Rs. 25.00 Lakhs before undertaking any steps to establish the project before undertaking project related construction activities.
- 12 The sewage from all residential/office areas/ labour camps of the project shall be properly treated in the sewage treatment plant before final disposal so as to conform to the prescribed norms.
- 13 The proponents shall get the safety audit conducted by National Safety Council or any other reputed organization and submit the same to this State Board during implementation and after commissioning of the project.
- 14 The proponents shall be liable for restoration of water quality in the Satluj river besides other streams if any quality alterations attributable to the project are observed during construction or subsequent to the commissioning of project at their own costs.
- 15 All the muck and debris shall be dumped in the designated dumping sites. Before any dumping is done, the sites shall be provided with proper retaining structures. The areas allocated for dumping shall be consistent with quantity of muck/debris and retaining structures shall be increased as and when required for ensuring safe dumping incorporating all safety and engineering considerations. The proponent shall submit monthly report of the muck dumping status with respect to each designated site and dumping shall be stopped forthwith when the capacity of a particular designated site is filled.

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The muck and debris shall be transported from the construction sites to the designated dumping sites, keeping the security and safety of the people in consideration and the proponent shall be liable for any public damages due to construction activity as may be determined by the Competent Authority.

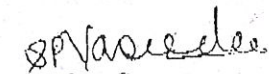
- 17 The project proponent shall release and maintain a minimum flow immediately down stream of diversion structures of Hydel project throughout the year at a threshold value of not less than 10% of the minimum inflow observed in the lean season at dam site into the Satluj river as per directions of the State Government (copy enclosed) from time to time.
- 18 The proponent shall prepare an inventory of all water sources in the project area and quantify the flow details in consultation with IPH Department & local Panchayats and will be responsible for maintaining the existing flow all such streams/springs other than those harnessed for the project.
- 19 The proponent shall prepare an inventory & document with video graphic evidence, the baseline status of existing private / public buildings in consultation with HPPWD, Revenue Authorities and local Panchayats and proponent shall be liable to compensate any damage to the private / public buildings as may be determined by the competent authorities of the State Government.
- 20 In case of adverse impact on any of the water sources/ water supply schemes due to construction of the project, cost of alternative schemes shall have to be borne by the proponents.
- 21 No dumping of debris shall be allowed in the areas within the floodplain in the beds of Satluj river or in the bed of any other natural stream within the flood plain area.
- 22 All blasting operations shall be strictly carried out according to the provisions of Indian Explosives Act and regulations stipulated there under or any other relevant law(s).
- 23 The proponents shall be responsible for maintaining the water and ambient air quality in the area conforming to the prescribed standards during pre-commissioning, post - commissioning and decommissioning of the project.
- 24 The debris/muck dumping site(s) and mining/quarry areas shall be restored by planting suitable species after the dump site(s)/ mining/quarry areas are closed for dumping/ mining/quarrying so that such site(s) merge into the surrounding environment on completion of the project. Restoration Plan shall be prepared and submitted by the management within six months to the State Board.
- 25 The environmental management plan shall be conforming to above conditions and requisite financial provisions made for each of the component for environmental management.
- 26 The proponents shall ensure public participation for socio-economic up gradation of the area in terms of employment, education, health and other civic infrastructure for the local people.

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This consent is without prejudice to the riparian rights of the users in the areas downstream of the diversion headworks proposed on Karcham & Wangtoo and the proponents shall be liable for compensating any damages as may be determined by the Competent Authority under the riparian rights of such users.

- 28 The silt from the desilting systems at diversion headworks, sedimentation system and storage reservoir shall be disposed of in such a way that it does not affect the water quality and land in the areas of disposal in the operational phase of the project. Detailed plans to this effect shall be submitted by the proponent within six months.
- 29 The proponents shall obtain consent to operate for the proposed Hydroelectric Project under Water Act, 1974 and Air Act, 1981 one month prior to the expected commissioning of the project.
- 30 Proponent shall provide incinerator for disposal of garbage from the all office as well as residential premises of the proposed project.
- 31 The Board reserves the right to review and / or revoke this consent partially or absolutely in case of violation of above conditions or the provisions of the Environment (Protection) Act, 1986.
- 32 Notwithstanding anything contained in this Consent to establish, the proponent shall not take any steps for establishment / construction of project or project related construction activities for the proposed project and anything contrary to this would be at the risk & cost of the proponent unless the Environmental Clearance is granted by Ministry of Environment & Forests, Govt. of India and relevant compliance to the conditions of this consent is made.
- 33 This is subject to ratification of State Board.

Yours faithfully,



Member Secretary

NO. HP SEP&PCB/ J.P. Karchham Wangtoo HEP-Kinnaur/2005-

Dated:

Copy forwarded to the following for information & necessary action: -

1. The Secretary (MPP& Power) to Govt. of H.P. Shimla-171002.
2. The Secretary (Pollution Control), to Govt. of H.P. Shimla-171002.
3. The Chairman, HPSEB, Kumar House, Shimla (H.P.).
4. The Deputy Commissioner, Kinnaur.
5. The Superintending Engineer, IPH Circle, Kinnaur.
6. The Environmental Engineer, HP SEP&PCB, Kinnaur for information & necessary action for ensuring compliance.
7. Case file.


Member Secretary