



AZAD GOVERNMENT OF THE STATE OF JAMMU & KASHMIR
ENVIRONMENTAL PROTECTION AGENCY
MUZAFFARABAD

Ref. # PEDD/EPA/1193Date: 11-8-2010

- a. Name & Address of Proponent: Star Hydro Power Limited (A Company of K-Water)
- b. Description of Project: Construction of 147 MW Patrind Hydro Power Project
- c. Location of Project: Diversion Weir on River Kunhar, at Patrind Village and Power House at Aalda, Lower Chatter Muzaffarabad
- d. Date of Filing of Application: July 08, 2009

CONDITIONAL ENVIRONMENTAL APPROVAL

(Under Section-11 of AJK-Environmental Protection Act, 2000 read with FEE/ELIA Regulations, 2000 FEEPA)

In exercise of powers conferred under section 11 of the Azad Jammu & Kashmir Environmental Protection Act, 2000, the Director General AJK Environmental Protection Agency (AJK-EPA), after the review of Environmental Impact Assessment Report (EIA) accords Environmental Approval for the implementation of 147 MW Patrind Hydro Power Project subject to the fulfillment of following conditions by the proponent;

- (i). Proponent shall ensure compliance to National Environmental Quality Standards (NEQSS).
- (ii). Mitigation measures suggested in the EIA Report & Environmental Management Plan (EMP) shall be strictly adhered to ensure not to cast any negative impact on soil, ground water, ambient air quality, noise level, natural drainage, flooding, hill torrents and biological resources of the Project area. This should be indicated in the report as "**Commitment**". Institutional arrangements for implementation of **Environmental Management Plan** may be finalized before the start of construction, so that proposed mechanism of environmental protection should be operative well in time.
- (iii). Star Hydro Power Limited will constitute Environmental/Post EIA Monitoring Committee having the representatives of all concerned stakeholders as mentioned in EIA. The reporting mechanism and TORs of the committee shall be finalized in consultation with AJK-EPA.
- (iv). Monitoring shall cover the entire period of the Project construction and operation. Monitoring reports shall be submitted to AJK-EPA on quarterly basis.
- (v). The Proponent shall provide the copy of this approval and EIA report to the contractor for information and compliance.

Kashmir Plan House, Block # 5, New Civil Secretariat Complex, Muzaffarabad, AJ&K
 URL: www.ajkepa.gov.pk Email: info@ajkepa.gov.pk Ph: +92 5822 321032 Fax: +92 5822 921119



AZAD GOVERNMENT OF THE STATE OF JAMMU & KASHMIR
ENVIRONMENTAL PROTECTION AGENCY
 MUZAFFARABAD



Ref. #:

Date:

- 5 (vi). Compensation shall be provided to inhabitants in case of loss of agricultural land, crops, property, usage right etc. in accordance with the rates that agreed upon. All conflicting issues regarding compensation should be settled amicably before or during project activities. ok
- 6 (vii). Proponent shall ensure the adequate arrangements for addressing public grievances and implementation of Resettlement Action Plan (RAP) through Public Grievances Redress and Settlement Committee (PGRSC) if any. ok
- 7 (viii). In the case, the blasting is inevitable, the controlled techniques, in accordance with Pakistan Explosive Act, should be adopted in sliding and perspective sliding prone areas.
- 8 (ix). In case an independent **Environment Specialist Companies** are to be hired, as a compulsory arrangement, to undertake measurements of different parameters critically important in determining water & air quality and assessing noise emission level either during construction phase or in both construction and operation phases of the proposed project. The findings of quality analysis on regular basis should positively be shared with AJK EPA.
- 9 (x). Proponent shall submit a "Community Development Plan (CDP)" for the benefit of effected communities of the Project area to AJK-EPA within two months of start of the Project construction phase. The proponent is obliged to implement CDP sooner than later.
- 10 (xi). The Proponent shall ensure that strict and efficient health and safety measures are in place for the protection of workers and passers-by backed by a comprehensive emergency response plan.
- 12 (xii). As far as possible, employment should be provided to local people for all unskilled jobs. Preference may also be given to local people for all semi-skilled and skilled jobs. Employment record for all positions shall be provided to AJK-EPA positively.
- 13 (xiii). In the case the articles of Archeological importance like artifacts, coins rock-arts and other archeological relics are discovered, the work at the site should immediately be stopped and the concerned department or agency should be consulted for the appropriate action.
- 14 (xiv). Proponent shall ensure all public utilities, such as water supply pipes, power/phone lines be not disturbed by the execution of the project. If it is inevitable then alternative may be provided to the people of the area before hand in consultation with respective agencies under intimation to AJK EPA.

Kashmir Plan House, Block # 5, New Civil Secretariat Complex, Muzaffarabad, AJ&K
 URL: www.ajkepa.gov.pk Email: info@ajkepa.gov.pk Ph: +92 5822 921082 Fax: +92 5822 921119



AZAD GOVERNMENT OF THE STATE OF JAMMU & KASHMIR
ENVIRONMENTAL PROTECTION AGENCY
MUZAFFARABAD



Ref. #:

Date:

- 15 (xv). Proponent shall take special safety measures while working close to settlements, towns, schools and hospitals etc for safety of the general public and livestock.
- 11 (xvi). Proponent/contractor shall make sure the safety & security of wild animals and their habitats at the project site and in its environs with the prior consultation and adhering to the guidelines of Forestry, Wildlife Departments strictly.
- 16 (xvii). During the excavation of tunnel; the spoil should be dumped at pre-identified location. Free roll down of excavated land shall be prohibited to avert damage to green vegetation cover, water bodies, perennial & non-perennial drains, irrigation channels, communication routes and productive lands. Littering would be avoided strictly during transportation of materials.
- 17 (xviii). The mechanized plants and machinery and other equipments must be fitted with noise abatement devices and should have the conformity to NEQS standards. The sites to install the asphalt plant and other machinery would be selected in consultation with the Agency (AJK-EPA). Special consideration must be given to critical installations like school, hospitals, mosques, community hall, etc while selecting temporary utility sites.
- (xix). The proponent shall be liable for the correctness and validity of the information furnished by the environmental consultant.
- 18 (xx). Proponent shall be liable for compliance of regulations 13, 14, 17 & 18 of IEE/EIA Regulations 2000, which enunciate the conditions for approval, confirmation of compliance, entry, inspection and monitoring of the proposed project.
- (xxi). Proponent would be responsible to facilitate EPA team for any visit for inspection/monitoring etc.
- 19 (xxii). Any change in the approved project shall be communicated to AJK-EPA and shall be commenced after obtaining the approval.
- (xxiii). This approval shall stand null and void if the conditions, mentioned herein before, are not fully complied with.
- (xxiv). This approval does not absolve the proponent of the duty to obtain any other approval or clearance that may be required under any law in force or by any competent forum/court of law.
- (xxv). This Approval shall be valid for a period of three years from the date of issue under Section 16 of IEE/EIA Regulation, 2009.

Kashmir Plan House, Block # 5, New Civil Secretariat Complex, Muzaffarabad, AJ&K
 URL: www.ajkepa.gov.pk Email: info@ajkepa.gov.pk Ph: +92 5822 921082 Fax: +92 5822 921119



AZAD GOVERNMENT OF THE STATE OF JAMMU & KASHMIR
ENVIRONMENTAL PROTECTION AGENCY
MUZAFFARABAD



Ref. #:

Date:

(xxvi). This Approval can be withdrawn at any time with any prior notice if deem necessary in the public interest.

11/08/2010
 (Muhammad Bashir Khan)
 Director EPA-AJK

No. and Date even.

A copy is forwarded for information to;

1. Maj. Gen. ® Farrukh Javed, Chief Executive Officer, Star Hydro Power Limited, Lahore
2. Mr. Naeem Akhtar, Coordinator Pakistan Engineering Services (Pvt.) Ltd., Lahore
3. Director General, Private Power Cell, HEB, GoAJK, Muzaffarabad

11/08/2010
 (Director EPA-AJK)

Kashmir Plan House, Block # 5, New Civil Secretariat Complex, Muzaffarabad, AJ&K
 URL: www.ajkepa.gov.pk Email: info@ajkepa.gov.pk Ph: +92 5822 921082 Fax: +92 5822 921119