

SCHEDULE-VII
Decision on EIA

1. Name, address of proponent:

Mr. Ali Maskatiya
Markhor Gabral Utror Hydropower Project,
(Private) Limited,
33-C, Hockey Stadium Lane No. 2,
Shamsheer Commercial Area,
Phase-V, defence Karachi, Pakistan.
Contact No. 0300-8208809

2. Description of project:

Gabral Utror Hydropower Project (79MW) is run of the river scheme proposed on Gabral River in Kalam of District Swat, Khyber Pakhtunkhwa. The project site is about 10km from main Kalam town and is accessible via Utror road. Design discharge of 28 cumecs will be diverted through construction of 06m high ogee type weir at Gulbanda village and will be conveyed through 14.6km long headrace tunnel to powerhouse identified on the left bank of Gabral River, just upstream Barkanai village.

Power generated at powerhouse will be evacuated to the Gabral Kalam HPP(88MW) transmission line through loop-in loop-out arrangement via proposed 132kV transmission line. On average 310.88GWh annual energy will be available upon plant operation.

3. Location of project:

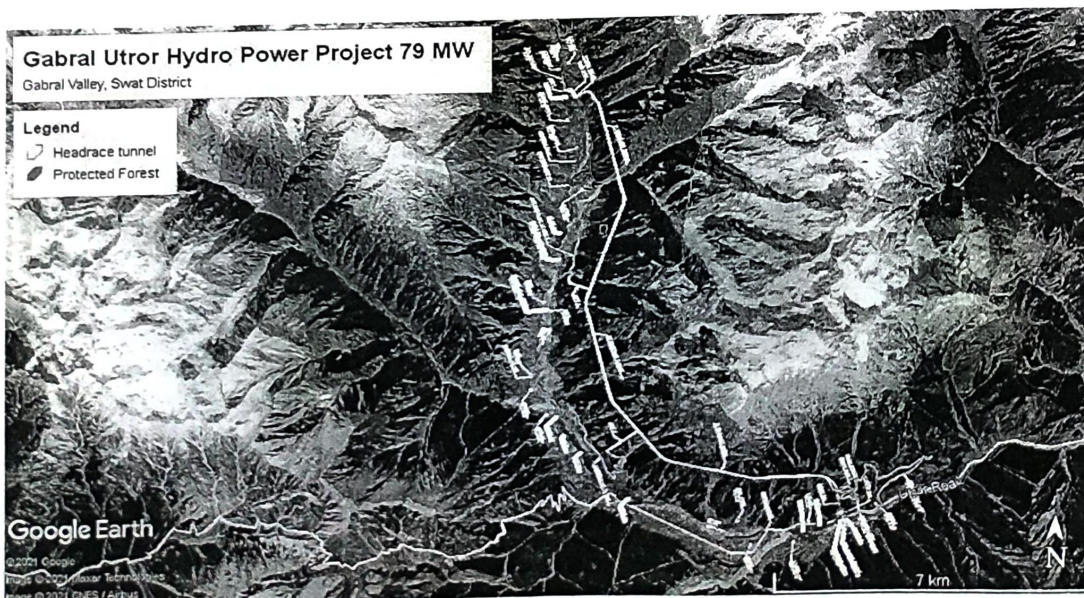
Kalam, District Swat

4. Date of filing of EIA:

14/09/2020 (Ref: EPA Diary No.682)

5. GIS Map & Coordinates:

Project Site	Latitude	Longitude
Weir / Intake	N 35°35'34.12"	E 72°25'05.83"
Powerhouse	N 35°29'57.84"	E 72°29'39.00"



6. After careful review, the Environmental Protection Agency, Govt. of Khyber Pakhtunkhwa has decided to accord its approval to the Environmental Impact Assessment (EIA) of **"79 MW GABRAL UTROR HYDROPOWER PROJECT, DISTRICT SWAT"** in line with the Khyber Pakhtunkhwa Environmental Protection Act, 2014 and the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021, subject to the following Terms & Conditions;

- a) This approval is accorded under Section 13 of the Khyber Pakhtunkhwa Environmental Protection Act 2014.
- b) This Approval is accorded in light of the decision taken under Agenda Item No. 06 in the 2nd Environmental Protection Council (EPC) meeting held dated 11/09/2024 and Administrative Department Notification No. SO(Env)/CCFEWD/4-2/2023/EPC/V-III dated 22/01/2025.
- c) 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. The proponent shall have to obtain NOCs required from other departments/authorities under the prevailing laws/rules of the provincial government before operations of the project.
- a) The proponent shall adopt all precautionary and mitigation measures recommended in the EIA Report as well as replies of the proponent submitted to this Agency and any un-anticipated impacts arising during the Construction and Operation phase of the project.
- b) The Proponent shall ensure the compliance and implementation of the National Environmental Quality Standard (NEQS) for ambient air, noise, water and gaseous emission during construction & operational phase of the Project. All emissions and effluents shall be kept within the NEQS permissible limits.
- c) Arrangement for compensation to the affectees in case of loss of land, crops, property, schools, Graveyards and Masjids, will be finalized before the start of construction. Any money involved in compensation will be deposited with District Govt. /Revenue Department for disbursement among the affectees.
- d) The Grievance Redress Committee (GRC) shall be constituted as per laid out procedure in EIA report ensuring fair representation of locals with properly documented grievance procedure. As far as possible, recommendations of committee comprising of land/house owners and tenants shall be taken into consideration during finalizing the compensation package. All conflicting issues regarding compensation, etc. should be settled before executing/commencing of the project activities and a certificate in this regard should be submitted to this Agency.
- e) The existing irrigation channels, natural water springs, the water supply scheme/spring affected from the Project shall be properly compensated and alternate water supply for the affectees shall be ensured, Detail of the same shall be shared with the Agency before commencement of the construction activity;
- f) The Right of Way (RoW) of the River Swat shall be protected. Moreover, the River shall be also protected from all type of pollution from project related activities.
- g) Natural drainage pattern of the area shall not be disturbed.
- h) The contaminated waste water of the tunnels shall be retained in confined pits of proper size ensuring proper treatment, complying NEQS parameters before final disposal.
- i) In order to avoid the traffic congestion issues, a sound traffic management plan shall be devised and properly implemented.

- j) Proper mitigation plan shall be formulated and implemented to avoid soil erosion / land sliding and sedimentation to the nearby river/water channel before commencement of Construction activity.
- k) Minimum Environmental Flow of 1.0 Cumec with 10% extra provision if required, shall be maintained in the downstream. Recommendations mentioned in District Officer Fisheries, Swat letter No. 974/DOF/SW dated 03/11/2020 shall be implemented in letter and spirit. Moreover, the E-Flow may be enhanced in case adverse impacts are identified on downstream riparian and if recommended by experts at any stage of the project.
- l) The project management shall operate the dam on option of base load/high protection operation run of river mode.
- m) The muck/debris generated from the project shall be properly quantified and dumped at designated sites. Prior approval shall be obtained from concerned Forest Department where the site falls in protected area. Copy of the same shall be submitted to this Agency prior to execution of such sites for aforementioned purposes.
- n) The proponent shall ensure to avoid dumping of debris into down slope or in the River Swat Right of Way (RoW) or other water bodies.
- o) All the dumping sites shall be stabilized by proper plantation, bio engineering and engineering techniques. Retention walls of proper size shall be erected along the muck disposal material/sites.
- p) The Environmental Management Plan (EMP) shall be implemented in letter and spirit. Moreover, Fisheries, Forest, Wildlife Department and EPA-KP shall be consulted in improvement/updating of the EMP to mitigate the impacts of the project on aquatic life, flora, fauna and surrounding Environment. Cost for environmental monitoring shall be made part of the EMP and monitoring activities shall be carried out in consultation with this Agency.
- q) Safety zone/adequate engineering measures should be provided to overcome fears of the residents regarding project activities to their houses.
- r) The construction/installations shall be carried out keeping in view seismicity of the project area & ensuring implementation of updated building by-laws/codes.
- s) The Flood Management Plan in due consultation with PDMA shall be finalized for the project site & site specific mitigation measures shall be implemented during floods.
- t) Analysis reports of surface water (River Swat/water bodies), ambient air, noise, ground water etc. of the project area shall be carried from KP-EPA certified Laboratory on biannual basis and the analysis reports shall be submitted to this Agency.
- u) A sedimentation load study shall be carried out along with mitigation measures for the control of sedimentation from upstream of the reservoir;
- v) Road/Highway Submerged/damaged due to project activity should be reconstructed/repared/rehabilitated to another suitable place in consultation with concerned Govt. Department.
- w) In case, blasting is inevitable, the controlled techniques, in accordance with Pakistan Explosive Act should be adopted in sliding and perspective sliding prone areas.
- x) The camp site, asphalt plant, crush plants & batching plants shall be at least 500m away from residential area/villages. Separate approvals shall be obtained for these activities under the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021.
- y) The proponent shall ensure the strict and efficient health and safety measures for the protection of workers and passersby backed by a comprehensive emergency response plan.
- z) A comprehensive CSR policy shall be formulated keeping in view, the demands/needs of the locals and quantum of the project activity. In this regard, a detailed Social Development Plan (SDP) and Grievances Redress

Mechanism (GRM) shall be formulated and details of the same shall be shared with this Agency before commencement of the construction activity.

- aa) The CSR allocation shall be aligned with the public grievances for holistic approach. Moreover, the CSR activities shall contain proper allocation for environmental protection & improvement, student scholarships, plantation & social work and the same shall be submitted for approval of this Agency.
- bb) Non-technical jobs shall be provided to local community/villages. Employment record for all positions shall be provided to EPA-Khyber Pakhtunkhwa and priority should also be given to locals in technical jobs. Regular trainings shall be arranged for the locals regarding acquiring knowledge of technical jobs.
- cc) Separate approval shall be obtained for establishment of permanent Colony under Khyber Pakhtunkhwa Environmental Protection Act, 2014 and the prevailing Rules/regulation in-vogue. For temporary colony and camps, proper treatment plant shall be constructed for municipal effluents treatment to bring it within the NEQS parameters before final discharge.
- dd) As per GIS mapping/report developed by this Agency on the basis of GPS coordinates provided by the project proponent, the weir site, powerhouse, access roads, and headrace tunnel falls in protected forest area, it is recommended that forest area shall be avoided. In case of un-avoidance, clearance/NOC from provincial Forest Department shall be obtained prior to commencement of construction activities and the same shall be submitted to this Agency.
- ee) As per GIS report developed by this Agency on the basis of GPS coordinates provided by the project proponent, the muck dumping sites, batching plant, & crushing plant sites falls in River bank area, it is recommended that river bank area shall be avoided.
- ff) A comprehensive plantation plan of 1:10, in consultation with Forest Department, shall be submitted to this Agency along with GPS Coordinates of the plantation sites.
- gg) The proponent shall ensure uninterrupted access to water for local farmers in form of alternative irrigation sources or methods in case the project affects the existing water supplies for agriculture.
- hh) Mitigation measures shall be incorporated into the project design to prevent damages during flood.
- ii) The proponent shall devise strategies and measures that will be implemented to protect the forest and ensure that the project does not facilitate illegal timber activities.
- jj) An Environmentalist shall be hired for proper and effective implementation of the Environmental Management Plan and to redress other environmental issues.
- kk) The cultural values & social norms of the area shall be followed strictly.
- ll) The Agency may visit the project site from time to time for compliance checking. The proponent shall facilitate the Agency during the monitoring and ensure no hurdles in this regard.
- mm) The proponent shall provide the copy of this approval and EIA Report to the contractor for information and compliance. Applicable conditions of this approval shall be made part of the contract agreement. However, compliance of this approval shall be the sole responsibility of the proponent of this project.
- nn) This Agency may suggest any additional mitigation measures/updated technology for the control of Environmental Pollution/degradation at any stage (construction & operational phase) of the project.

7. The Proponent shall be liable for correctness and validity of the information supplied by the environmental consultant.
8. There shall be no legal case pending in any court against the project.

- The proponent shall be liable for special compliance of rule 14, 15, 18, 19, 20 & 21 of the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021 regarding approval, confirmation of compliance, entry, inspections and monitoring.
10. This approval is accorded only for the construction phase of the project and shall be valid, for commencement of construction for a period of two years from the date of issuance. The Proponent shall obtain approval for operation of the hydro power project in accordance with the rule-15 and 18 of the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021.
 11. Any change in the approved project shall be communicated to EPA, Khyber Pakhtunkhwa and shall be commenced after obtaining the approval.
 12. This approval shall be treated as null and void if all or any of the conditions mentioned above is/are not complied with.
 13. The quarterly progress/compliance report of the above conditions shall be submitted to EPA.
 14. The proponent shall comply with the Rule- 14 (2) of the Khyber Pakhtunkhwa Environmental Assessment Rules-2021 and shall submit undertaking on stamp paper for the compliance of conditions mentioned in Environmental Approval.
 15. In exercise of the power under Section-13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, *delegated vide letter No. EPA/Admin/050/01/93/1183-89 dated 16/04/2025*, the undersigned is pleased to approve the EIA Report of **"79 MW GABRAL UTROR HYDROPOWER PROJECT, DISTRICT SWAT"** for construction phase of the project with above mentioned terms and conditions.

Dated: Peshawar 30/05/2025

Tracking/File No. **EPA/EIA/HPP/Gabral-Utror/79MW/Swat/25/3328-30**

Tracking Code:



<https://epakp.gov.pk/environmental-approvals/>

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29/5/2025