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**SCHEDULE-IX**  
**Decision on GEA**

**1. Name, address of proponent:**

Pakhtunkhwa Energy Development Organization (PEDO), Govt. of Khyber Pakhtunkhwa.  
**Address:** PMU MMHP Project House No.2, Railway Road, University Town. Peshawar Khyber Pakhtunkhwa, Contact No. 0302-8833058.

**2. Description of project:**

The project is proposed to be constructed on at Sakandar Jalat, Tughal Khel, District Bannu. The proposed capacity of the project is 83.15 KW and the electricity produce will be provided to near households at operational stage of the proposed project. The design discharge of 5 cusecs and availability of the desired net head of 4.6 meters will be sufficient to generate 83.15 KW electricity. The aim of the proposed project is to provide electricity to the people of Khyber Pakhtunkhwa on fast track basis. This effort can be metalized through Mini Micro Hydro Power Projects (MMHPPS) which are indigenous and cheap resources of supplying un-interrupted electricity primarily in off grid, far flung hilly area and canals of Khyber Pakhtunkhwa.

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**DIRECTOR**  
Environmental Protection Agency  
Southern Region, D.I.Khas  
Govt. of Khyber Pakhtunkhwa

**3. Location of project.**

The project site is located at Sakandar Jalat, Tughal Khel, District Bannu.

**4. GPS Coordinates & GIS Map:**

Latitude	Longitude
32.9097	70.6305

**83 KW MICRO HYDRO POWER PROJECT, SAKANDAR JALAT, TUGHAL KHEL, DISTRICT BANNU**



**5. Date of filing of GEA**

(Ref: EPA Diary No.1758) Dated: 15.03.2023

6. After careful review of the General Environmental Assessment (GEA) Report of the project "**Construction of 83.15 KW Mini Micro Hydro Power Project**" located at Sakandar Jalat, Tughal Khel, District Bannu. The Environmental Protection Agency (EPA), Southern Directorate, Government of Khyber Pakhtunkhwa has decided to accord Constructional Environmental Approval in line with the guidelines issued under Khyber Pakhtunkhwa Environmental Protection Act, 2014 and Khyber Pakhtunkhwa Environmental Assessment Rules-2021, subject to the following terms & conditions: -

- a) The proponent shall adopt all precautionary and mitigation measures recommended in the GEA Report submitted to this Agency and any un-anticipated impacts arising during the construction & operation phase.
- b) All the effluents, emissions (if any) from the unit/site shall be kept within the permissible limit of National Environmental Quality Standards (NEQS).
- c) The proponent shall carry out project activities in existing RoW of irrigation Channel & shall obtain NOC/Approval from concerned Irrigation Department, Govt. of Khyber Pakhtunkhwa before commencement of project activities and the same shall be shared with EPA.
- d) The project activities may not disturb the quality of air, water, soil and noise at the project area.
- e) Proper sprinkling shall be made in order to suppress the dust (if any) at the project area.
- f) The water level at the parent canal may not be disturbed from the proposed project activities.
- g) The proponent shall be liable for correctness and validity of the information provided to the EPA in the GEA report.
- h) Personal protective equipment shall be provided to the workers during working hours. Moreover, the proponent should ensure efficient health and safety measures for the protection of workers and passersby backed by a comprehensive emergency response plan e.g. helmets, signboards and shoes.
- i) Precautionary signboards and Environmental related messages shall be mounted in and outside of the project site.
- j) Solid waste material shall be disposed off at proper designated site of concerned TMA
- k) The proponent shall take maximum efforts to avoid cutting of trees and plantation shall be carried out with 1:10 for each cut tree in available open space.
- l) The proponent shall give preference to the locals both in technical & non-technical jobs. The detail employment shall be provided to this Agency.
- m) The proponent shall take all possible measures to avoid damage to any aquatic life.
- n) Safety to the social & cultural life of the local community shall be ensured.
- o) All conflicting issues regarding compensation, lease agreement, etc. to be settled and a certificate in this regard should be submitted to EPA.
- p) If any issues come up during execution of the project the proponent shall be bound to address those issues which are unforeseen and not identified in Report
- q) The proponent shall provide a copy of this approval and the GEA Report to the contractor for information and compliance.
- r) There shall be nothing repugnant to any Govt. order or policy on subject.

7. The monitoring team of EPA will visit the Project site to check the terms and conditions of the approval and compliance of the Khyber Pakhtunkhwa Environmental Protection Act, 2014. Furthermore, the management of the project shall facilitate the EPA Monitoring Team at the time of monitoring. EPA reserves the right to stipulate additional conditions if found necessary.

8. The proponent shall be liable for compliance of Rule 14, 15, 18, 19 and 20 of the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021.

9. The proponent shall comply with the Rule-14 (2) of the Rules, 2021 and shall submit undertaking on stamp paper for compliance of the conditions of approval.

10. The proponent shall inform the EPA concerned in writing regarding the date of commencement construction/installation work on the site and operation of the activity for monitoring purposes.

11. This approval is accorded only for the construction/installation phase of the project. The proponent must obtain separate approval for operation of the project in accordance with the Rule-15 of the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021.
12. Any alteration/expansion of the approved project shall be communicated to EPA and shall be commenced after obtaining the approval; likewise, no other activities should be undertaken other than what is stipulated in the GEA Report.
13. This approval shall be treated as null and void under rule-21 of the Rules ibid if all or any of the conditions mentioned above is/are not complied with.
14. 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.
15. There shall be no legal case pending in the court/s against the project.
16. In exercise of the power under Section 13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the undersigned is pleased to approve the GEA Report of "Construction of 83.15 KW Mini Micro Hydro Power Project" for construction phase with above mentioned terms and conditions.


Dated: 18 / 12 /2023

Tracking/File No. EPA/GEA/Energy/HPP/83.15 KW MMHP/Bannu/ 3854-56

Tracking Code:



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

  
DIRECTOR  
Environmental Protection Agency  
Southern Region, D.I. Khan  
Govt. of Khyber Pakhtunkhwa.  
DIRECTOR (SOUTH),  
EPA SOUTHERN DIRECTORATE,  
DERA ISMAIL KHAN.

o/c