

SCHEDULE-VIII

Decision on IEE

1. **Name & address of Proponent:** Mr. Muhammad Riaz (CEO),
M/S ZRK Industries Pvt Ltd,
Mailing Address. ZRK Industrial park, M1
Motorway Wali Khan Interchange Marhati
Mardan.


2. **Description of Project:** "The proposed project for which Initial Environmental Examination (IEE) is being conducted is "Establishment of 04 MW Solar power System at ZRK Industries". The project of solar plant is established to supply electricity to ZRK Industries (Pvt) Ltd to meet the energy needs for its regular operations. The total area of the project is 382420 Sq ft. (Roof 1= 98396 Sq ft + Roof 2=90620 Sq ft. + Roof 3= 73517 Sq ft. + Roof 4=35005 Sq ft. + Roof 5=84882 Sq ft.). The total cost of the project is 380 million rupees. Capacity of the solar plant will be 4 megawatts with total 7420 PV Modules. There are total of 15 inverters out of which 8 are placed on roof 1, 2 and 3 while other 7 are roof 4 and 5. Total number of solar plates will be 7420.



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3. **Location of Project:** The project site is located at ZRK industrial
Park, M 1 Motorway, Wali Khan Interchange,
Merathi, Mardan.

4. **GPS Coordinates;**



S#	Lat	Lon	S#	Lat	Lon
1	34 04 02.7	72 07 39.2	5	34 04 08.1	72 07 40.0
2	34 04 02.4	72 07 40.4	6	34 04 08.5	72 07 38.4
3	34 04 08.5	72 07 42.7	7	34 04 03.4	72 07 36.4
4	34 04 08.9	72 07 41.5	8	34 04 03.1	72 07 38.1

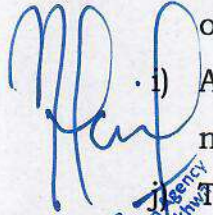
5. **Date of Filing of IEE:** 18-05-2023 (Ref: EPA Diary No.880)

6. After careful review, the Environmental Protection Agency, Govt. of Khyber Pakhtunkhwa has decided to accord Construction Approval of the Initial Environmental



Examination for **“Establishment of 04 MW Solar Power System”** located at ZRK Industrial park, M-1 Motorway, Wali Khan Interchange, Merathi Mardan according to Khyber Pakhtunkhwa Environmental Protection Act, 2014 and Khyber Pakhtunkhwa Environmental Assessment Rules, 2021 subject to the following terms and conditions:

- a) The proponent shall adopt all precautionary and mitigation measures reflected in the submitted IEE 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 National Environmental Quality Standards (NEQs) for air, noise, water and gaseous emission during the construction and operational phase of the project.
- c) The proponent will submit an agreement with the service provider for disposal of the generated solid waste from the activity.
- d) The proponent will ensure compliance of NEQS for the effluents/ emissions from the MDF/ Chipboard unit and will submit the compliance certificate for the same.
- e) The proponent will carry out analysis of the required parameters as per SMART Rules, 2001.
- f) The proponent will ensure recycling/ reuse of the water used in the process and will maintain record of the same.
- g) The proponent shall provide the copy of this approval and IEE report to the contractor for information and compliance.
- h) Proper disposal mechanism shall be adopted for expired batteries, panels and other electronic wastes.
- i) Approval from Power and Energy Department and WAPDA for metering/transmitting activities etc. shall be taken (if required).
- j) The proponent shall ensure the implementation of health and safety measures for the protection of workers. For operation activities, job safety analysis plan shall be submitted to this Agency prior to operation of the project.
- k) Plantation will be carried out according to submitted reply to this agency in the IEE observation.
- l) Non-technical jobs must be provided to local community.
- m) No extension would be permitted in the future in the existing project without prior approval of the EPA/ Govt. of Khyber Pakhtunkhwa.
- n) The proponent is bound to implement any additional measures for the protection of Environment as and when suggested by EPA.
- o) Environment related messages shall be mounted in and outside of the project area.


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- p) Sign boards must be installed on the sensitive area for guidance of the workers as well the visitors.
7. The proponent shall be liable for correctness and validity of the information supplied by the environmental consultant.
 8. The proponent shall be liable for compliance of 14, 15, 18, 19 and 20 of Khyber Pakhtunkhwa Environmental Assessment Rules, 2021, regarding approval, confirmation of compliance, entry, inspections and monitoring.
 9. This approval is accorded only for the installation/ construction phase of the project. The proponent will obtain approval for operation of the project in accordance with the Rule 15 (1) of Khyber Pakhtunkhwa Environmental Assessment, Rule 2021.
 10. Any change in the approved project shall be communicated to EPA, Khyber Pakhtunkhwa and shall be commenced after obtaining the approval.
 11. This approval shall be treated as null and void if all or any of the conditions mentioned above is/are not complied with.
 12. 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.
 13. There is no legal case pending in the courts against the project.
 14. In exercise of the power under Section 13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the undersigned is pleased to approve the IEE Report for **Construction Phase** of the project with above mentioned terms and conditions.

Dated: Peshawar 29/08/2023

Tracking/File.No. EPA/CD/IEE/04MW/Solar-Plant/ZRK/Mardan/23/836-38

Tracking Code:



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

Handwritten initials/signature

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DIRECTOR
Environmental Protection Act
Govt. of Khyber Pakhtunkhwa
Peshawar
28/08/2023
**DIRECTOR CENTRE,
EPA, Khyber Pakhtunkhwa,
2nd Floor, Khyber Pakhtunkhwa Bar Council
Building, Khyber Road, Peshawar Cantt.**