

## **SCHEDULE-VII**

### **Decision on EIA**

**1. Name and address of Proponent:** FOC-1 (Frontier Oil Company-1),  
Headquarters Frontier Works Organization, 509  
Kashir Road, R. A Bazar Saddar Rawalpindi.  
Phone: +92-51-9271301-6  
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**2. Description of Project:**

The proposed project is Khyber Pakhtunkhwa section of construction and operation of the Machike-Thallian-Tarujabba White Oil Pipeline Project, located in Punjab and Khyber Pakhtunkhwa Provinces, Pakistan. The FOC-1, intends to construct and operate a 7.0 MMTPA white oil pipeline for transportation of Motor Gasoline and HSD (White Oil products) from storage & pumping installations at Machike to storage & pumping installations at Thallian and up to storage installations along with associated facilities and infrastructure at Tarujabba. There will be two intermediate pumping stations at Hazro & Alipur Syedan. The implementation of the project involves construction of the Project in three sections namely;

Section-1: Machike - Thallian

Section-2: Thallian - Tarujabba

Section-3: Attock Refinery Ltd. (ARL) - Thallian

The contractor's facilities including construction camps and offices, yards, and storage areas will be built within the proposed Terminal stations and Pumping stations. MTT-WOP system shall comprise of pipeline, storage tanks, pumping stations, mainline block valve stations, Pig Launching and Receiving Stations, CP system, SCADA and Telecom system, distribution facilities for Oil Marketing Companies (OMC), Trans mix handling/ processing facilities and other related equipment/installations. Additionally, MTT-WOP route will encounter pipeline crossings across Highways, road, railroad, canals, rivers, waterways, etc. The Section-2 comprises 12" dia 172 km pipeline, designed to follow M2 / M1, will start at WOP Thallian Terminal and end at Tarujabba Oil Terminal. The length of Khyber Pakhtunkhwa section of the pipeline project is approx. 75 KM as per provided .KMZ file. *hu*

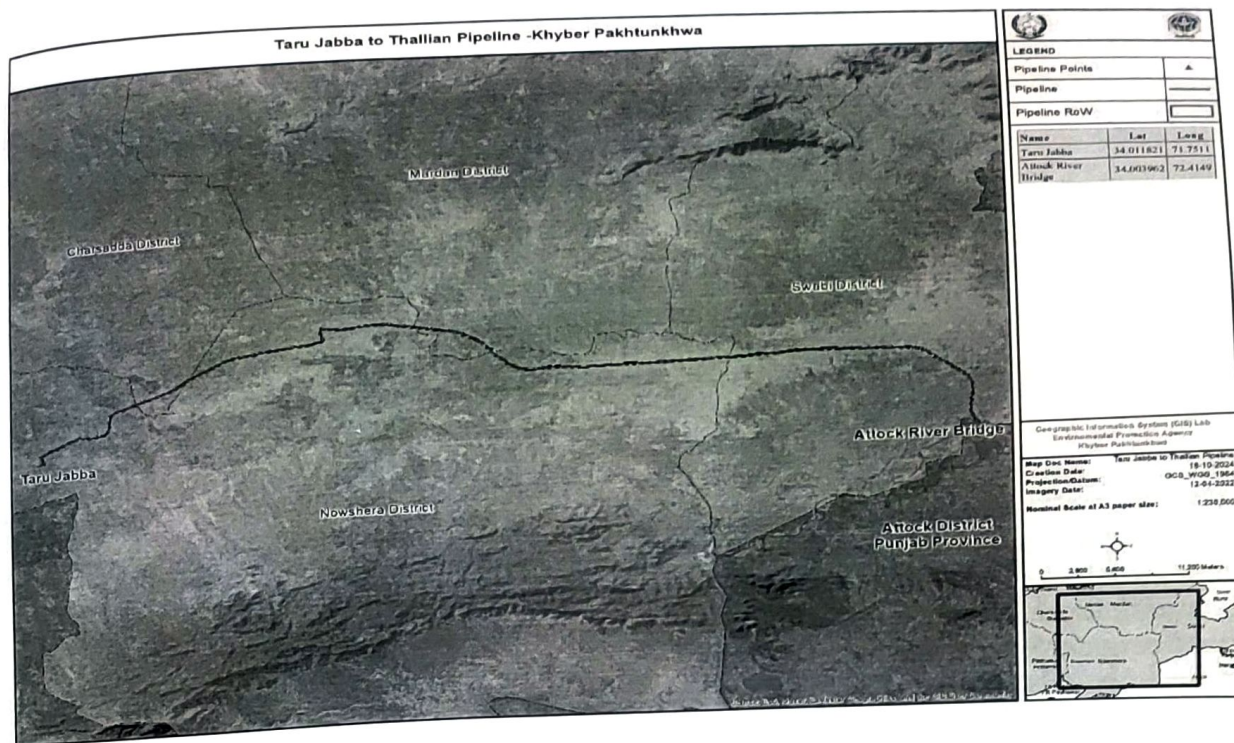
**3. Location of project and**

Thallian (District Attock) Punjab to Taru Jabba (District Nowshera), Khyber Pakhtunkhwa (Khyber Pakhtunkhwa Section).

**GPS Coordinates/GIS map:**

Name	Lat	Long
Taru Jabba	34.011821	71.7511
Attock River Bridge	34.003962	72.4149





4. **Date of filing of EIA:**

05/10/2020 (Ref: EPA Diary No. 957)

5. After careful review of the EIA and all the comments thereon, the Environmental Protection Agency, Govt. of Khyber Pakhtunkhwa has decided to accord approval of the Environmental Impact Assessment for **"MACHIKE-THALLIAN-TARUJABBA WHITE OIL PIPELINE PROJECT, LOCATED IN PUNJAB AND KHYBER PAKHTUNKHWA PROVINCES, PAKISTAN (KHYBER PAKHTUNKHWA SECTION OF THE PROJECT)"** in line with Khyber Pakhtunkhwa, Environmental Protection Act, 2014, Khyber Pakhtunkhwa Environmental Assessment Rules, 2021 and the decisions made in the 2<sup>nd</sup> Meeting of the Environmental Protection Council held on 11-09-2024, subject to the following terms & conditions: -

- 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 strictly adhere to the Environmental Management plan (EMP) submitted as part of the EIA report. Any changes to the EMP shall be approved by this Agency.
- c) The proponent shall comply with all the National Environmental Quality Standards (NEQS) and other relevant provincial and national environmental legislation during the construction and operational phase of the project.
- d) All necessary permits and approvals from relevant authorities (water use, land clearing, waste management, clearance from Forest department, etc.) shall be obtained before the start of construction activities.
- e) The proponent shall ensure that topsoil is properly stripped and stored for rehabilitation purposes. Disturbed land should be re-contoured and restored to its original state after construction.
- f) Measures such as silt fences, sediments traps, and vegetation cover shall be implemented to prevent soil erosion, especially in sloped areas and watercourses.
- g) All hazardous materials including oil, fuel, and chemicals, shall be stored in designated and bunded areas to avoid soil contamination.
- h) The proponent shall adopt effective dust suppression techniques (e.g., regular water sprinkling, dust control covers) to minimize air pollution caused by dust during excavation, transportation, and material handling.



- i) Fresh Analyses for ambient air, ground water and surface water within the project area of influence shall be performed and submitted to this Agency prior to commencement of construction. Moreover, the environmental monitoring reports including periodic analysis reports shall be submitted as per commitments in the EIA report. Only well-maintained vehicles and machinery shall be used to reduce emissions of NO<sub>x</sub>, SO<sub>x</sub> and PM<sub>2.5</sub> in compliance with NEQS and analysis reports for Noise, Air and water quality shall be submitted on quarterly basis during construction phase.
- j) Temporary noise barriers and soundproofing measures should be implemented where necessary, particularly near human dwellings and wildlife habitats. Construction activities shall avoid sensitive habitats, especially during breeding seasons. In the event of encountering wildlife in construction zones, it shall be safely relocated in consultation with wildlife department.
- k) During pipeline construction across rivers, streams or wetlands, the proponent shall adopt best practices to prevent contamination of water bodies, including trenchless methods (e.g., horizontal directional drilling) where feasible.
- l) The project site shall be kept clean & tidy. Municipal solid waste and effluents generated at site, workers camp etc., shall be properly disposed of in compliance of NEQS. Moreover, no effluents or emissions shall be released in violation of NEQS. The proponent shall have a clear Accident Prevention and Response Plan, with procedures to address oil spills, chemical leaks, fire outbreaks, and other emergencies that could occur during construction. Every possible measure shall be in place to prevent oil spills, leaks, or any other contaminants from entering water bodies or seeping into groundwater aquifers.
- m) All solid waste generated during construction including construction debris, hazardous waste (if any), and municipal waste from worker camps shall be properly segregated, managed, and disposed of at designated landfill site or agreement with the concerned TMA/certified vendors shall be made in this regard. Hazardous waste such as used oil, lubricants and chemicals shall be collected, stored, and disposed of in compliance with relevant regulations for hazardous materials. All wastewater generated during construction (e.g., from site camps, machinery washing) shall be collected and treated before discharge, in compliance with NEQS.
- n) A comprehensive Site-Specific Environmental Management Plan (SSEMP) having treatment plant, designed according to design standards/requirements, shall be submitted to EPA-KP before the start of construction of the project.
- o) The proponent shall minimize the clearing of vegetation and ensure the restoration of affected areas immediately after construction.
- p) Keeping in view the quantum of the project impacts, Compensatory tree plantation shall be undertaken at a ratio of 1:10 for every tree cut down, with native species preferred. A detailed plantation plan along with budgetary allocation in this regard shall be shared with this Agency. The plantation events/activities shall be organized in presence of this Agency staff. Moreover, seasonal plantation campaigns/drives shall be launched in the project area of influence with intimation/invitation to EPA-KP.
- q) Any ecologically sensitive areas identified at any stage of the project shall be demarcated as No-Go zones, with construction activities strictly prohibited in such areas.
- r) The proponent shall implement comprehensive occupational health and safety measures to protect workers from construction hazards. Personal protective equipment (PPE) shall be provided to all construction workers. On-site first aid facilities and emergency response teams shall be available 24/7 during construction phase of the project.
- s) If any cultural or archaeological artifacts are discovered during construction, work shall be ceased immediately, and the relevant authorities shall be informed. Proper clearance shall be obtained for the same.



- t) The proponent shall develop and implement an Environmental Monitoring Plan to track air quality, water quality, noise levels, soil conditions, and waste management through the construction phase.
  - u) Upon completion of the construction phase, a compliance report shall be submitted to assess compliance with conditions set in the Environmental Approval.
  - v) This Environmental Approval is valid for the construction phase only. A separate Environmental Approval will be required for operation phase of the project.
  - w) Non-technical jobs shall be provided to the local people of the area and preference shall be given to local candidates (if any) for technical jobs.
  - x) A Grievance Redress Committee shall be notified prior to start of project activities comprising representatives from the stakeholders including locals as and where applicable. The Committee shall look after all the issues pertaining to the project activities specifically environmental & social issues under the supervision of EPA-KP.
  - y) All conflicting issues regarding acquisition and compensation of land, trees and lease agreements, etc., shall be settled down before executing or commencing the project activities and certificates from concerned offices in this regard shall be submitted to this Agency.
  - z) A Comprehensive CSR document keeping in view the quantum of the project activities and needs of locals shall be submitted to this Agency. Moreover, a separate head of CSR budget and plan of CSR activities shall be maintained with intimation to the Agency.
  - aa) The project proponent shall facilitate EPA staff for compliance checking visits during construction and operation phases of the project.
  - bb) Non-compliance with any of the conditions may result in cancellation of Environmental Approval and legal action.
  - cc) The proponent shall be bound to obtain separate environmental approval for any activity/component of the project, that may be required under the Khyber Pakhtunkhwa Environmental Protection Act, 2014 and the rules/guidelines made thereunder.
  - dd) The proponent shall be bound to adopt any additional mitigation measures suggested by EPA from time to time during construction & operation of the project activities. Moreover, the proponent shall also be bound to make changes in the design and capacity of the proposed project as per recommendations of EPA, Khyber Pakhtunkhwa if the desired compliance is not achieved.
6. A copy of this approval and the EIA report shall be shared with the contractor for compliance accordingly.
  7. The proponent shall be liable for correctness and validity of the information provided by the proponent and environmental consultant.
  8. The proponent shall be liable for compliance of Rule 14, 15, 18, 19, & 20 of Khyber Pakhtunkhwa Environmental Assessment Rules, 2021, regarding approval, confirmation of compliance, entry, inspections and monitoring, in addition to other regulatory requirements.
  9. This approval is accorded only for the construction phase, separate approval shall be obtained for operational phase of the project as per provisions of the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021.
  10. This approval shall be valid for commencement of construction for a period of two years from the date of issuance.
  11. Any change in the approved project shall be communicated to EPA Khyber Pakhtunkhwa and shall be commenced after obtaining due approval.
  12. This approval shall be treated as null and void if any or all of the conditions mentioned above is/are not complied with.

3. 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 before starting the project.
14. There shall be no legal case pending in the courts against the project.
15. In exercise of the power under Section 13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the undersigned is pleased to approve the EIA Report for construction phase of **"MACHIKE-THALLIAN-TARUJABBA WHITE OIL PIPELINE PROJECT, LOCATED IN PUNJAB AND KHYBER PAKHTUNKHWA PROVINCES, PAKISTAN (KHYBER PAKHTUNKHWA SECTION OF THE PROJECT)"** with the above mentioned terms and conditions.


Dated: Peshawar: 10/12/2024

Tracking/File No. EPA/EIA/PIPE-LINES/MTTWOP/Now/24/ 915

Tracking Code:



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

  
DIRECTOR GENERAL,  
EPA, KHYBER PAKHTUNKHWA,  
3RD FLOOR, S.D.U. BUILDING,  
KHYBER ROAD PESHAWAR CANTT.

10/12/24