Pakistan: Preparing Kurram Tangi Integrated Water Resources Development Project

Project Name	Preparing Kurram Tangi Integrated Water Resources Development Project
Project Number	52051-002
Country	Pakistan
Project Status	Active
Project Type / Modality of Assistance	Technical Assistance
Source of Funding / Amount	**TA: Preparing Kurram Tangi Integrated Water Resources Development Project** Technical Assistance Special Fund — US$ 225,000.00
Strategic Agendas	Inclusive economic growth
Drivers of Change	Partnerships
Sector / Subsector	**Agriculture, natural resources and rural development** - Agricultural production - Irrigation - Land-based natural resources management
Gender Equity and Mainstreaming	Some gender elements
Description	The proposed SS-KSTA aims to support WAPDA, as the proposed executing agency, to review the existing data and studies, to identify essential design and information gaps, and determine the scope and implementation arrangements for the additional investigations and other engineering, social, and environmental analytical works that are necessary to ensure adequate due diligence. The SS-KSTA is likely to result in the comprehensive proposal for a subsequent transaction TA (TRTA) to undertake any recommended due diligence works, to confirm the viability of the project for ADB financing and to provide inputs into the development of a project concept paper, should the proposed project be considered suitable for ADB financing. As the proposed TA will support additional upstream investigation work before processing a TRTA, a KSTA would be an ideal vehicle.
Project Rationale and Linkage to Country/Regional Strategy	Ensuring food, water, and energy security is Pakistan's overarching goal. Augmenting the country's critically low water storage capacity is the government's key strategic thrust to achieve this goal. The Kurram Tangi Integrated Water Resources Development Project (KTIWRDP) is one of the priority projects and involves construction of a large rock-fill dam (98-meter high with gross storage of 1.5 billion cubic meters), three hydropower plants with combined capacity of 65 MW, and construction/upgrading of irrigation systems covering 140,000 ha. The government has recently obtained support of the local population (who has long objected to the project in the past) and intends to accelerate the project preparation for financing support from development partners. A feasibility study was carried out in 2004, and detailed engineering study completed in 2011, both by the consulting firms engaged and funded by the Water and Power Development Authority (WAPDA). The project's total cost was estimated at about $600 million. In support of the project preparation, the US Agency for International Development (USAID) carried out in 2013 a comprehensive environmental impact assessment study as the first step of external due diligence review. While confirming technical feasibility of the project, the USAID's assessment revealed several significant design gaps, including possible underrating of probable maximum flood, seismic force, and sediment inflow to the reservoir, and lack of environmental impact assessment on downstream riparian users. Without filling up these critical gaps in due diligence works, WAPDA will not be able to proceed with the necessary project preparatory works.
Impact	Access to an adequate availability of water for all, and increased storage capacity in particular

Project Outcome	
Description of Outcome	Additional upstream investment opportunities identified.
Progress Toward Outcome	
Implementation Progress	

Description of Project Outputs	Technical, social and environmental gaps in the existing project design identified. Detailed scope of services identified to address the gaps in existing design along with the resources requirements and estimated costs, such as additional investigation, engineering analyses, and possible modification of detailed engineering design.
Status of Implementation Progress (Outputs, Activities, and Issues)	
Geographical Location	Kuram

Summary of Environmental and Social Aspects
Environmental Aspects
Involuntary Resettlement
Indigenous Peoples
Stakeholder Communication, Participation, and Consultation
During Project Design
During Project Implementation

Responsible ADB Officer	Tayyab, Ahsan
Responsible ADB Department	Central and West Asia Department
Responsible ADB Division	Environment, Natural Resources & Agriculture Division, CWRD
Executing Agencies	*Water and Power Development Authority* *701 WAPDA House* *Lahore, Pakistan*

Timetable	
Concept Clearance	-
Fact Finding	-
MRM	-
Approval	30 Oct 2018
Last Review Mission	-
Last PDS Update	30 Oct 2018

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Request for Information	http://www.adb.org/forms/request-information-form?subject=52051-002
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