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Project Data Sheet

Project 52051-002

Project Name

Preparing Kurram Tangi Integrated Water Resources Development Project

Project Number

52051-002

Country / Economy

- Pakistan

Project Status

Closed

Project Type / Modality of Assistance

- Technical Assistance

Source of Funding / Amount

TA 9614-PAK: Preparing Kurram Tangi Integrated Water Resources Development Project

Source	Amount
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Technical Assistance Special Fund	US\$ 225,000.00
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Strategic Agendas

- Inclusive economic growth

Drivers of Change

- Gender Equity and Mainstreaming
- Partnerships

Sector / Subsector

- **Agriculture, natural resources and rural development** / Agricultural production - Irrigation - Land-based natural resources management

Gender

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

Contact

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

Timetable

Concept Clearance

-

Fact Finding

-

MRM

-

Approval

05 Oct 2018

Last Review Mission

-

Last PDS Update

30 Oct 2018

Funding

TA 9614-PAK

Milestones

Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
05 Oct 2018	-	05 Oct 2018	28 Feb 2019	31 Aug 2020	01 Nov 2020

Financing Plan/TA Utilization

ADB	Cofinancing	Counterpart				Total
		Gov	Beneficiaries	Project Sponsor	Others	
225,000.00	0.00	0.00	0.00	0.00	0.00	225,000.00

Cumulative Disbursements

Date	Amount
17 Jun 2022	190,662.32

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