Pakistan: Jalalpur Irrigation Project

Project Name: Jalalpur Irrigation Project
Project Number: 46528-002
Country: Pakistan
Project Status: Active
Project Type / Modality of Assistance: Loan
Source of Funding / Amount: Loan 3599-PAK: Jalalpur Irrigation Project

Ordinary capital resources: US$ 274.63 million

Strategic Agendas:
- Environmentally sustainable growth
- Inclusive economic growth

Drivers of Change:
- Governance and capacity development

Sector / Subsector:
- Agriculture, natural resources, and rural development - Agricultural production - Irrigation

Gender Equity and Mainstreaming:
- Effective gender mainstreaming

Description:
The proposed Jalalpur Irrigation Project (JIP) is located along right bank of River Jhelum in Punjab, Pakistan. It will create new non-perennial irrigation canals and appurtenant structures. The project will increase kharif crop intensity by 50%, improve crop yield and reduce land degradation. It will directly benefit over 200,000 rural people; mostly poor. The project will (i) construct over 200 km new irrigation canals, (ii) introduce institutional reforms and establish farmers' organizations (FOs), and (iii) build farmers capacity. The project is included in country operations business plan (COBP: 2013-2014) and it will contribute to food security and economic growth and will alleviate rural poverty in the project area.

Project Rationale and Linkage to Country/Regional Strategy:
Pakistan’s population of 180 million in 2011 is projected to be 221 million in 2025. The population increase combined together with changed living standards will require 40-50% additional food by 2025. This additional food can be achieved through increased crop yield and expanded irrigated area, wherever opportunities exist. Punjab contributes to about 80% of the Pakistan’s food requirements and $60 billion to the national gross domestic product (GDP). Irrigated agriculture accounts for 28% of Punjab’s GDP and employs over 50% of its labor force. Punjab manages an existing irrigation system serving 8.4 million ha irrigated land. Replacement cost of Punjab’s irrigation infrastructure is about $18 billion. The Country Partnership Strategy (CPS) (2009-2013) prioritizes improving the irrigation infrastructure. ADB’s agriculture sector evaluation (2006) for Pakistan emphasizes improving water resources and irrigation. The water sector roadmap identifies improving the infrastructure, institutions, and agricultural production to drive sustainable agricultural growth. The Medium-Term Development Framework (MTDF) (2007-2012) estimated an investment requirement of over $100 million per year for irrigation sector. The Punjab Irrigation Department (PID) is working with ADB, World Bank and Japan International Cooperation Agency (JICA) on improvement of irrigated agriculture. ADB’s $700 million multitranche financing facility (MFF) for Punjab Irrigated Agriculture Investment Program (PIAIP) is supporting upgrading the irrigation infrastructure, on-farm irrigation and institutional reforms over 2 million ha. Punjab has already transferred operational management of distributary canals serving another 1.5 million ha to FOs under different projects. Punjab allocated PKR9.0 billion ($95 million equivalent) in the MTDF 2012-15 for new irrigation projects.

A stand-alone project loan is proposed as (i) the project scope is limited to only one irrigation system, (ii) project area is well-defined, (iii) project institutional reforms agreed under the PIAIP MFF will also be applied here.

Impact:
Improved agricultural production in the proposed Jalalpur Irrigation Project area (Pind Daden Khan and Khushab districts)
Involuntary Resettlement

The project is classified as Category A for Involuntary Resettlement. The government through PID, and PMO-Canal shall ensure that the design of the Jalalpur Irrigation System minimizes land acquisition and resettlement impacts by exploring design alternatives and all other activities under the project are carried out in full compliance with all applicable laws and regulations of Pakistan, ADB’s SPS 2009, and the approved LARP. Resettlement plan uploaded in ADB website in August 2017.

Indigenous Peoples

The project is classified as Category C for Indigenous peoples (IPs) as there are no known IP communities within the project area. However, if during implementation, any change to the scope, location or alignment of the canal are identified and IPs are found to be affected by the project, PID shall take all steps required to ensure that the Project complies with the applicable laws and regulations of Pakistan and the ADB's SPS 2009.

Stakeholder Communication, Participation, and Consultation

During Project Design

The main stakeholders of the project are farmers with and without land holdings, landowners on the canals routes that will be negatively affected and Punjab Irrigation and agricultural department and relevant non-governmental organizations in the project area. The project design includes developing a framework for (i) establishing water users associations and farmers organization (ii) operational management of the distributary and minor canals and water courses, (iii) irrigation water allocation and use of subsurface water, all will require social mobilization and consultation. General consensus on the issues will be possible through effective consultation and participation of the stakeholders.

Institutional development for farmers management of distributary and minor canals, the collection of water fee and spending on the operation and maintenance will result in engagement and empowerment of the farmers the main stakeholders.

During Project Implementation

Farming communities will be sensitized, consulted and mobilized for the formation of farmers organization for operational management of irrigation system constructed under the project.

Business Opportunities

Consulting Services

Design and supervision consultancy contract

Procurement

Several ICB and NCB works contract to be identified by the PPTA

Responsible ADB Officer

Frank Radstake

Responsible ADB Department

Central and West Asia Department

Responsible ADB Division

Environment, Natural Resources & Agriculture Division, CWRD

Executing Agencies

Agriculture Department, Government of the Punjab
21-Stg Agha Khan Soyem Road (Davis Road)
Government of the Punjab
Lahore, Pakistan
Irrigation Department of the Government of Punjab
c/o Superintending Engineer
Link Canal Circle, Canal Bank
Mughalpur, Lahore, Pakistan

Timetable

Concept Clearance 18 Jul 2013
Fact Finding 28 Jul 2017 to 04 Aug 2017
MRM 19 Sep 2017
Approval 24 Nov 2017
Last Review Mission -
Last PDS Update 23 Jul 2019

Loan 3599-PAK

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<th>Loan Utilization</th>
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## Loan 6006-PAK

### Milestones

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### Financing Plan

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### Loan Utilization

- Cumulative Contract Awards
- Cumulative Disbursements

### Project Page

https://www.adb.org/projects/46528-002/main

### Request for Information

http://www.adb.org/forms/request-information-form?subject=46528-002

### Date Generated

15 September 2019

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