



Pakistan: Jalalpur Irrigation Project

Project Name	Jalalpur Irrigation Project
Project Number	46528-002
Country	Pakistan
Project Status	Approved
Project Type / Modality of Assistance	Loan
Source of Funding / Amount	Loan: Jalalpur Irrigation Project (formerly Punjab 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	<p>The proposed Jalalpur Irrigation Project (JIP) is located along right bank of River Jhelum in Punjab, Pakistan. It will create new non-perennial irrigation services for enhanced agricultural production on 79,750 ha in Pind Daden Khan and Khushab districts. 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.</p> <p>The project impact will be the increased agricultural production in the project area (Pind Daden Khan and Khushab districts). The project outcome will be irrigation water supplies and agricultural support services available in the project area. The project outputs will be (i) new irrigation canals and appurtenant structures constructed, (ii) farmers organizations established, (iii) private agriculture support services (PASS) available and (iv) capacity of the farmers and the staff from PID and Punjab Irrigation and Drainage Authority (PIDA) improved.</p>
Project Rationale and Linkage to Country/Regional Strategy	<p>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.</p> <p>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 agriculture 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.</p> <p>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 implementation period will be shorter, and (iv) policy reforms agreed under the PIAIP MFF will also be applied here</p>

Impact	Improved agricultural production in the proposed Jalalpur Irrigation Project area (Pind Daden Khan and Khushab districts)	
Project Outcome		
Description of Outcome	Irrigation water supplies and agricultural support services available in the project area.	
Progress Toward Outcome		
Implementation Progress		
Description of Project Outputs	Irrigation canals and appurtenant structures constructed. Farmers organizations established. Private agricultural support services (PASS) available. Capacity of the farmers and staff from Punjab Irrigation Department and Punjab Irrigation and drainage Authority improved.	
Status of Implementation Progress (Outputs, Activities, and Issues)		
Geographical Location	Jalalpur Sharif	
Safeguard Categories		
Environment		A
Involuntary Resettlement		A
Indigenous Peoples		C
Summary of Environmental and Social Aspects		
Environmental Aspects	to be done	
Involuntary Resettlement	to be done	
Indigenous Peoples	to be done	
Stakeholder Communication, Participation, and Consultation		
During Project Design	<p>The main stakeholders of the project are famers 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 include developing 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.</p> <p>Institutional development for farmers management of distributary and minor canals, collection of water fee and spending on the operation and maintenance will result engaging and empowerment of the farmers the main stakeholders. PPTA will further assess and firm up the requirement.</p>	
During Project Implementation	Farming communities will be sensitized, consulted and mobilized for 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	Takaku, Ryutaro	
Responsible ADB Department	Central and West Asia Department	
Responsible ADB Division	Environment, Natural Resources & Agriculture Division, CWRD	
Executing Agencies	Punjab Irrigation Department Mr. Khalid Masood, Secretary mdpida@cyber.net.pk 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	24 Nov 2017

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	28 November 2017

ADB provides the information contained in this project data sheet (PDS) solely as a resource for its users without any form of assurance. Whilst ADB tries to provide high quality content, the information are provided "as is" without warranty of any kind, either express or implied, including without limitation warranties of merchantability, fitness for a particular purpose, and non-infringement. ADB specifically does not make any warranties or representations as to the accuracy or completeness of any such information.