Bangladesh: Irrigation Management Improvement Project

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<tr>
<th>Project Name</th>
<th>Irrigation Management Improvement Project</th>
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<tbody>
<tr>
<td>Project Number</td>
<td>45207-002</td>
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<tr>
<td>Country</td>
<td>Bangladesh</td>
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<tr>
<td>Project Status</td>
<td>Active</td>
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<tr>
<td>Project Type / Modality of Assistance</td>
<td>Loan</td>
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<tr>
<td>Source of Funding / Amount</td>
<td>Loan 3135-BAN: Irrigation Management Improvement Project concessional ordinary capital resources lending / Asian Development Fund US$ 46.00 million</td>
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Strategic Agendas
- Environmentally sustainable growth
- Inclusive economic growth

Drivers of Change
- Governance and capacity development
- Knowledge solutions
- Private sector development

Sector / Subsector
- Agriculture, natural resources and rural development
- Agricultural drainage
- Agricultural production
- Irrigation
- Rural flood protection

Gender Equity and Mainstreaming
- Effective gender mainstreaming

Description
- Project Rationale and Linkage to Country/Regional Strategy

Impact
- Project Outcome
- Description of Outcome

Progress Toward Outcome
- The PMDC services package was awarded to Mott MacDonald Limited on 18 February 2015. The PMDC third team leader was fielded by Mott MacDonald on 10 April 2018. The Mission was informed that he was dismissed on 12 July 2018 by Mott MacDonald. The team leader position must be filled in with a competent inhouse candidate following the qualification and experience criteria as outlined in the TOR. MML provided two CVs of inhouse experts, which did not meet the criteria. They assured to look for one urgently. At the same time the PPP and the communication specialists will be mobilized in January 2019. The PPP specialist will work in priority on preparation for MIP post C-IMO institutional arrangement for management operation and maintenance. The Mission reminded that the recruitment of a management irrigation management operator was included as loan covenant. Nevertheless, the expert is required to work in close collaboration with all parties and verify the suitability of the approach and interest of private parties for long term leases. The expert is required to study carefully the PPTA report. The current Mission leader, Arnaud Cauchois, remains available to support the expert in these specific tasks.
- The financial management specialist’s input should again be mobilized/utilized (for 7 days) for developing an Excel program to monitor / track invoices and withdrawal applications at the PMU including hands on training to the PMU accounting staff. The remaining inputs of the financial management specialist may be reallocated to the safeguards specialist for GKIP and TBIP as the revised / alternative proposal (scenario 4) may call for these inputs further.

Implementation Progress
- Description of Project Outputs

Geographical Location

Summary of Environmental and Social Aspects

Environmental Aspects
- The project is categorized B for environment and an initial environmental examination was prepared in accordance with SPS. The negative impacts are typical to any construction activities involving earth works and can easily be mitigated through adoption of measures described in the environmental management plan. Consultations were undertaken with affected stakeholders and a suitable grievance redress mechanism has been proposed to resolve any project related grievances. The PMU will be supported by PMDC environmental specialists monitor and supervise implementation of the MIP modernization environmental management plan.

Involuntary Resettlement
- The Project is classified as Category C. The requirement for temporary relocation and resettlement during the scheme rehabilitation was avoided through by reducing the canals cross sections (steeper side slopes) in populated area. A resettlement framework (RF) prepared in accordance with the government's laws and regulations and ADB’s Safeguard Policy Statement (SPS, 2009) as a prudent measure to address any involuntary resettlement-related uncertainty during the project implementation, should any issue arise. BWDB has experience in dealing with safeguards including with ADB projects and will be supported by appropriate consultant specialist.
Indigenous Peoples

The project is categorized as C. There are no indigenous peoples as defined for operational purposes by the SPS in MIP.

Stakeholder Communication, Participation, and Consultation

During Project Design

ADB maintains close dialogue with the government and other stakeholders to ensure commitment remains and the project communication campaign keeps farmers and local politicians engaged.

During Project Implementation

Participation is an important aspect of the project. Public awareness programs for gender, social, and infrastructure subproject related measures will be implemented. The Stakeholders Communication Strategy implementation will engage and inform relevant MIP stakeholders and sectors with timely, accurate, and comprehensive information shared among stakeholders. Such information sharing will help to build consensus and ensure continuous stakeholder support throughout the Project. The stakeholder Engagement and Communication Strategy (SE&C) is to significantly increase stakeholder and community awareness of the Project strategy, activities and outputs in order to improve stakeholder engagement and to develop greater community support. The EA is meeting with water management groups on concerns regarding their participation in civil works in khali excavations. Workshops are conducted in upazilas to increase awareness on the project. Trainings on productive irrigated agriculture for farmers are carried out.

Business Opportunities

Consulting Services

Consultant selection and engagement will be carried out in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). In view of the lack of experience of the Bangladesh Water Development Board with performance-based management contracts and the need to ensure expeditious mobilization, the government requested ADB to recruit the project management and design consultant (PMDC) and the irrigation management operator (IMO). BWDB retains the responsibility for negotiating and signing the contract with the PMDC and IMO, issuing the notice to proceed, and supervising their services. The PMDC and IMO recruitment will adopt a 90:10 quality- cost ratio since a high level of expertise is essential to design performance-based irrigation management approaches for the Ganges-Kobadak and Teesta irrigation projects and to establish a strong and sustainable management organization for the Muhuri irrigation Project. In addition, incentives linked to the performance of the construction-phase IMO consultant will be paid against achievement of key milestones. BWDB, with support from the PMDC, will monitor the IMO’s performance against the milestones. Least-cost selection will be used for small consulting assignments, including external audits, independent safeguards monitoring, and simple studies. For the Muhuri irrigation Project (MIP), BWDB will recruit a private consulting company or consortium through competitive selection and enter into a 5-year management contract agreement. The construction-phase Irrigation Management Operator (IMO) will be responsible for (i) the delivery of efficient service and revenue collection to recover the cost for MOM, (ii) construction supervision of MIP civil works, (iii) participatory design of level 3 system modernization, and (iv) development of pilot agricultural demonstrations and income generating activities. It is envisaged that after 5 years, the M-IMO will be recruited through a 15-year lease contract to maintain the MOM levels established during the 5-year first stage. The contract will be awarded through a competitive tender based on (i) a fixed fee for the lease with bidders presenting a financial offer for the water charge, or (ii) a predetermined water charge with bidders presenting a financial offer for the lease. After 15 years, the contract will be retendered.

Procurement

All procurement of goods and works will be undertaken in accordance with ADB’s Procurement Guidelines. Procurement packages for civil works will be split into eight packages.

Responsible ADB Officer

Zahir Uddin Ahmad

Responsible ADB Department

South Asia Department

Responsible ADB Division

Bangladesh Resident Mission

Executing Agencies

Bangladesh Water Development Board
3 DIY Extension Avenue
Hoque Chamber, Motijheel Commercial Area
Dhaka, Bangladesh

Timetable

Concept Clearance
Fact Finding
MRM
Approval
Last Review Mission
Last PDS Update

27 Mar 2019

Loan 3135-BAN

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<th>Effectivity Date</th>
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<tr>
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<td>Cumulative Contract Awards</td>
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<td>Cumulative Disbursements</td>
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Project Page

https://www.adb.org/projects/45207-002/main

Request for Information

http://www.adb.org/forms/request-information-form?subject=45207-002

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04 July 2019
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