

India : West Bengal Major Irrigation and Flood Management

1. Project Information

Project ID:	P000054	Instrument ID:	L0054A
Member:	India	Region:	Southern Asia
Sector:	Water	Sub-sector:	Irrigation and drainage
Instrument type:	<input checked="" type="checkbox"/> Loan:145.00 US Dollar million <input type="checkbox"/> Guarantee	Co-financier(s):	World Bank
ES category:	B	Borrowing Entity:	
Implementing Entity:			
Project Team Leader:	David Ginting (DG: Rajat Misra; Responsible Department: INF1)		
Project Team Members:	Liu Yang, Project Counsel; Rui Xiang, OSD - Financial Management Specialist; Georgi Georgiev Dzhartov, OSD - Social Development Specialist; Amy Chua Fang Lim, OSD - Environment Specialist; Bernadette Ndeda, OSD - Procurement Specialist; Jinghui Li, Project admin;		
Completed Site Visits by AIIB:	Jun, 2020 Virtual Mission Feb, 2021 Virtual Mision Jul, 2021 Virtual Mision Jan, 2022 Virtual mission		
Planned Site Visits by AIIB:	Jul, 2022 No site visit has been planned due to travel restrictions by Covid-19.		
Current Red Flags Assigned:	0		
Current Monitoring Regime:	Regular Monitoring		
Previous Red Flags Assigned:	0		
Previous Red Flags Assigned Date:	2021/09		

2. Project Summary and Objectives

The Project objective is to improve irrigation service delivery, strengthen flood risk management and improve climate change resilience in the project area. The main Project beneficiaries are farmer households, who will directly benefit from more reliable and efficient irrigation water supply and distribution and reduced flooding. This includes the 2.68 million people that will directly or indirectly benefit from the project.

3. Key Dates

Approval:	Dec. 12, 2019	Signing:	May. 15, 2020
Effective:	Aug. 11, 2020	Restructured (if any):	
Orig. Closing:	Nov. 30, 2025	Rev. Closing (if any):	

4. Disbursement Summary (USD million)

Contract Awarded:		Cancellation (if any):	0.00
Disbursed:	34.47	Most recent disbursement (amount/date):	4.45/Apr. 14, 2022
Undisbursed:	110.53	Disbursement Ratio (%) ¹ :	23.77

5. Project Implementation Update

The project implementation remains largely on track. After facing several delays in 2021 with the execution of the civil works, caused by unprecedented flooding in the Project area, the COVID-19 pandemic, and state elections, implementation of most civil works contracts resumed after the 2021 monsoon season (Q4 2021), only to be stopped again in January 2022 for about one month during the Omicron wave. These stop-and-go issues have ceased for the moment, and uninterrupted works have proceeded during February and March 2022.

Despite the delaying events, de-siltation works under five flood management (component 3) packages were completed within the scheduled time before June 15, 2021, and another three packages are on track to be completed before July 2022. Nevertheless, overall progress in civil works remains behind schedule as implementation delays accrue, namely in irrigation (IRR) packages. It was agreed at the last implementation mission (January 2022) that measures will be put in place to expedite the implementation of civil works, including opening additional work fronts under each of the contracts, monthly review of progress with contract implementation, and maintaining a written record of communication with contractors that highlight escalation of key issues. Expediting civil works remains a critical Project priority and will be closely discussed at the next implementation support mission.

Components	Physical Progress	Environmental & Social Compliance	Procurement
Component A: Irrigation Management (USD 21.1 million)	3.96%	Complied	The component is expected to entail 62 packages. Eight packages (USD0.73 million) have been awarded.
Component B: Modernization of Irrigation Infrastructure (USD186.5 million)	2.72%	Complied	The component is expected to entail 15 packages. Six packages have been awarded (USD 84.3 million). Another six packages (USD80 million) are in the procurement process and are expected to be awarded in 2022.
Component C: Flood Management (USD188.7 million)	52.95%	Complied	The component is expected to entail 19 packages. Eleven packages (USD137 million), divided into 21 contracts, have been awarded. The

¹ Disbursement Ratio is defined as the volume (e.g. the dollar amount) of total disbursed amount as a percentage of the net committed volume.

			procurement process of the remaining packages is expected to commence at the end of 2022.
Component D: Project Management (USD16.7 million)	-	Complied	The component is expected to entail 37 packages. Fourteen packages (USD12.7 million) have been awarded.

Financial Management:

During the last implementation review mission, no significant control deficiencies were noted. There are no outstanding IUFRRs or audits reports. The audited project financial statements for FY 2020-21 (for the year ended March 31, 2021) have been submitted under the Project ahead of the due date of December 31, 2021. The report was deemed to be acceptable to WB and AIIB, as the auditors issued an unqualified (clean) opinion on the (i) project financial statements, (ii) eligibility of expenditures, and (iii) compliance with the financing agreement and project documents.

6. Status of the Grievance Redress Mechanism (GRM)

Grievance Redress Committees have been formed in all 41 affected Grand Panchayats (GP) for Component C and 153 GPs out of 159 project-affected GPs for IRR Packages. Seven minor grievances have been received and appropriately addressed.

7. Results Monitoring

The TOR of Monitoring and Evaluation (M&E) consultant is being finalized. M&E consultant is expected to be on board by the next implementation support mission in Q3 2022.

Project Objective Indicators #1

Area provided with new/improved irrigation of drainage services (Ha)

Year	Target	Actual	Comments, if any
Aug. 11, 2020	0 (baseline)	n/a	
Mar. 31, 2026	367,488	-	

Project Objective Indicators #2

Compliance with agreed water delivery schedule of the ISP's contract (%)

Year	Target	Actual	Comments, if any
Aug. 11, 2020	0 (baseline)	n/a	
Mar. 31, 2026	90	-	

Project Objective Indicators #3

Compliance with irrigation water supply from main canal to distributary canal (%)

Year	Target	Actual	Comments, if any
Aug. 11, 2020	0 (baseline)	n/a	

Mar. 31, 2026	90	-	
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Project Objective Indicators #4

Rate of reduced flood depth at the monitoring points compared with equivalent flood depth for the period 1999-2017 (%)

Year	Target	Actual	Comments, if any
Aug. 11, 2020	0 (baseline)	n/a	
Mar. 31, 2026	30	-	

Project Objective Indicators #5

Arrest in the rate of decline of groundwater levels in semi-critical blocks in each defined groundwater management area (%)

Year	Target	Actual	Comments, if any
Aug. 31, 2020	0 (baseline)	n/a	
Mar. 31, 2026	50	-	

Project Objective Indicators #6

No deterioration of groundwater level trends in safe blocks in each defined groundwater management area

Year	Target	Actual	Comments, if any
Aug. 11, 2020	0 (baseline)	n/a	
Mar. 31, 2026	100	-	

Intermediate Result Indicators #1

Three modules of management information systems are fully functional

Year	Target	Actual	Comments, if any
Aug. 11, 2020	No (baseline)	n/a	
Mar. 31, 2026	Yes	-	

Intermediate Result Indicators #2

Grievances registered related to delivery of project benefits that are resolved

Year	Target	Actual	Comments, if any
Aug. 11, 2020	0 (baseline)	n/a	
Mar. 31, 2026	80	-	

Intermediate Result Indicators #3

Asset management plan prepared

Year	Target	Actual	Comments, if any
Aug. 11, 2020	No (baseline)	n/a	
Mar. 31, 2026	Yes	-	

Intermediate Result Indicators #4

Groundwater study completed to the satisfaction of the WB/AIIB

Year	Target	Actual	Comments, if any
Aug. 11, 2020	No (baseline)	n/a	
Mar. 31, 2026	Yes	-	

Intermediate Result Indicators #5

Percentage of women engineers recruited by IWD

Year	Target	Actual	Comments, if any
Aug. 11, 2020	4.5 (baseline)	n/a	
Mar. 31, 2026	7	-	

Intermediate Result Indicators #6

Length of main canals modernized

Year	Target	Actual	Comments, if any
Aug. 11, 2020	0 (baseline)	n/a	
Mar. 31, 2026	166.9	-	

Intermediate Result Indicators #7

Length of river embankment rehabilitated

Year	Target	Actual	Comments, if any
Aug. 11, 2020	0 (baseline)	n/a	
Mar. 31, 2026	111	-	

Intermediate Result Indicators #8

Number of project monitoring reports submitted on time annually

Year	Target	Actual	Comments, if any
Aug. 11, 2020	0 (baseline)	n/a	
Mar. 31, 2026	4	-	

Remarks:

The achievement towards Project Objective indicators No.5 and 6 will be disaggregated geographically between the area south of Damodar River and the area between Damodar and Hooghly Rivers.
