

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:	Ministry of Finance, India
Implementing Entity:			
Project Team Leader:	David Ginting (Responsible DG: Rajat Mistra; 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; Guoping Yu, OSD - Procurement Specialist; Jinghui Li, Project admin		
Completed Site Visits by AIIB:	Jun, 2020 Virtual Mission Feb, 2021 Virtual Mision Jul, 2021 Virtual Mision Aug, 2022 Jan, 2022 Virtual mission		
Planned Site Visits by AIIB:	Jan, 2023 -		
Current Red Flags Assigned:	0		
Current Monitoring Regime:	Regular Monitoring		
Previous Red Flags Assigned:	0		
Previous Red Flags Assigned Date:	2022/03		

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:	43.25	Most recent disbursement (amount/date):	5.24/Sep. 08, 2022
Undisbursed:	101.75	Disbursement Ratio (%) ¹ :	29.83

5. Project Implementation Update

The overall project implementation remains on track. Substantial progress was made in procurement, with around USD 85 million worth of contracts awarded in the last semester. Substantial progress was also observed in the accomplishment of the Project Development Objectives, with the targets of three Intermediate Result Indicators achieved within two years of project implementation.

The implementation of irrigation civil works (Component B) is behind schedule. Action plans were agreed upon at the last implementation mission (August 2022), which includes opening additional work fronts, (potential) night shifts, monthly review of progress with contractors, and maintaining a written record of communication and agreement with contractors on key issues. The acceleration of civil works will be one of the key topics to be discussed at the Project's Mid-Term Review in January 2023.

Components	Physical Progress	Environmental & Social Compliance	Procurement
Component A: Irrigation Management	n/a	Complied	The component is expected to entail 62 packages. Eight packages (USD0.73 million) have been awarded. The procurement plan will be revisited, and package amalgamation will be done when possible.
Component B: Modernization of Irrigation Infrastructure	8%	Complied	The component is expected to entail 14 packages, out of which 12 packages have been awarded (about USD 165 million). The bidding process for the remaining two packages will be undertaken per the procurement plan.
Component C: Flood Management	44%	Complied	The component is expected to entail 33 contracts. Ten packages, total value of about USD 135 million) divided into 20 contracts, have been awarded. Works for six packages (13

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.

			contracts) have been completed, and works for the remaining seven contracts are ongoing. Cost estimates for the remaining work packages are being prepared.
Component D: Project Management	n/a	Complied	The component is expected to entail 37 packages. Fourteen packages (USD12.7 million) have been awarded.

Financial Management:

During the last implementation support mission, no significant control deficiencies were noted. As of Oct 14, 2022, nearly 30% (US\$43 million) of the total loan was disbursed. There are no outstanding IUFs or audit 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. The next audited financial statement for FY2021-22 will become due December 31, 2022.

6. Status of the Grievance Redress Mechanism (GRM)

Grievance Redress Committees (GRC) have been formed in all 159 project-affected Grand Panchayats (GP) for Component B (for the first six irrigation packages) and in all 41 project-affected GPs for Component C. For the succeeding eight irrigation packages under Component B (awarded within the last semester), GRCs have been formed in 88 project-affected GPs out of total 155GPs. Project-affected people can track the status of their submitted grievances through the Project's Management Information System (MIS).

7. Results Monitoring

The M&E consultant contract is currently under procurement process and expected to be awarded by the next implementation support mission in Q1 2023. The Project Management Unit (PMU) currently undertakes the M&E function and observed the achievements of several Intermediate Results Indicators, including #2, #3, and #8.

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	-	

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	
Dec. 31, 2022	n/a	95	
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	
Dec. 31, 2022	n/a	Yes	
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	
Dec. 31, 2022	n/a	4.5	
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	
Dec. 31, 2022	n/a	1.77	
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	
Dec. 31, 2022	n/a	51.13	
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	
Oct. 22, 2022	n/a	4	
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.
