

SBF Project Implementation Monitoring Report

India: West Bengal Major Irrigation and Flood Management Project

1. Project Information

Project ID:	000054	Investment Number:	L0054A
Member:	India	Region:	Southern asia
Sector:	Water	Sub-sector:	Flood protection, Irrigation and drainage
AIB Financing Type:	Loan: 145 USD million	Co-financier(s):	IBRD
E&S category:	B	Borrower:	Republic of India
Red Flags Assigned:	0	Monitoring Regime:	Regular Monitoring
Implementing Agency:	State of West Bengal, through Irrigation and Waterways Department (IWD)		
Project Team Leader:	David Ginting		
Project Team Members:	Amy Chua, Environmental Specialist Georgi Dzhartov, Social Development Specialist Xiaowei Guo, Senior Procurement Consultant Yogesh Malla, Financial Management Specialist Antong Hu, Project Assistant		
Completed Site Visits by AIB:	Jun, 2020 Virtual Mission		
Planned Site Visits by AIB:	Dec, 2020 No site visit has been planned due to travel restriction by Covid-19. Implementation Support Mission (Virtual) is planned for Dec 2020.		

2. Project Summary and Objectives

To improve irrigation service delivery, strengthen flood risk management and improve climate change resilience in the project area.

3. Key Dates

Approval:	Dec. 12, 2019	Signing:	May. 15, 2020
Effective:	Aug. 11, 2020	Restructured (if any):	
Orig. Closing:	Mar. 21, 2026	Rev. Closing (if any):	

4. Disbursement Summary (USD million)

a) Committed:	145	b) Cancellation (if any):	
c) Disbursed:	2.11	d) Most recent disbursement: (amount / date)	0.27, Sep. 23, 2020
e) Undisbursed:	142.89	f) Disbursement Ratio(%) ¹ :	1.46

¹ Disbursement Ratio is defined as the volume (i.e. the dollar amount) of total disbursed amount as a percentage of the net committed volume, i.e., $f = c / (a - b)$

5. Project Implementation Update

The project is in its early stage of implementation. Nevertheless, the IWD has made substantial progress in preparing detailed procurement plans and Bidding Documents. Civil work contracts worth of USD132.80 million have been awarded and are under implementation. Priority has been given to flood protection works that aim to reduce seasonal flooding in the Project area. Bidding documents for irrigation modernization and management investments are currently under preparation.

Despite the COVID-19 lockdown, civil works have resumed, albeit with delays in implementation. The SPMU has provided extensive support to contractors to ensure that relevant ES standards were put in place and enforced across all Project sites, and that contractors had received training in COVID-19 preparedness. The pace of works had been further hampered in certain areas in Howrah and Hooghly due to the aftermath of Cyclone Amphan as a result of increased water levels in channels and reduced accessibility to work sites.

Components	Physical Progress	Environmental & Social Compliance	Procurement
Component A: Irrigation Management (USD 21.1 million)	1.00%	-	Total packages: 5; under preparation: 3; awarded: 2 (USD 10.4m)
Component B: Modernization of Irrigation Infrastructure (USD186.5 million)	0.00%	-	otal package: 15; under preparation: 14; awarded: 1; completed: 1 (USD 0.055 m)
Component 3: Flood Management (USD188.7 million)	5.19%	-	Total package: 19; under preparation: 10, awarded: 9 (USD 132.8 m)
Component D: Project Management (USD16.7 million)	10.79%	-	Total package: 3; under preparation: 2, awarded: 1 (USD 12.2 m)

Financial Management:

Unqualified clean audit report is to be received.

6. Status of the Grievance Redress Mechanism (GRM)

A GRM has been established. No grievance has been registered so far.

7. Results Monitoring

n/a

Baseline Year: Jan. 1, 2020 End Target Year: Jan. 1, 2026

Project Objective Indicators	Year	Target	Actual	Others, if any
Area provided with new/improved irrigation of drainage services (Ha)	Jan. 1, 2020	0 (baseline)	n/a	
Area provided with new/improved irrigation of drainage services (Ha)	Jan. 1, 2026	367,488	-	
Compliance with agreed water delivery schedule of the ISP's contract (%)	Jan. 1, 2020	0 (baseline)	n/a	
Compliance with agreed water delivery schedule of the ISP's contract (%)	Jan. 1, 2026	90	-	
Compliance with irrigation water supply from main canal to distributary canal (%)	Jan. 1, 2020	0 (baseline)	n/a	
Compliance with irrigation water supply from main canal to distributary canal (%)	Jan. 1, 2026	90	-	
Rate of reduced flood depth at the monitoring points compared with equivalent flood depth for the period 1999-2017 (%)	Jan. 1, 2020	0 (baseline)	n/a	
Rate of reduced flood depth at the monitoring points compared with equivalent flood depth for the period 1999-2017 (%)	Jan. 1, 2026	30	-	
Arrest in the rate of decline of groundwater levels in semi-critical blocks in each defined groundwater management area (%)	Jan. 1, 2020	0 (baseline)	n/a	
Arrest in the rate of decline of groundwater	Jan. 1, 2026	50	-	

levels in semi-critical blocks in each defined groundwater management area (%)				
No deterioration of groundwater level trends in safe blocks in each defined groundwater management area	Jan. 1, 2020	0 (baseline)	n/a	
No deterioration of groundwater level trends in safe blocks in each defined groundwater management area	Jan. 1, 2026	100	-	

Intermediate Result Indicators	Year	Target	Actual	Others, if any
Three modules of management information systems are fully functional	Jan. 1, 2020	No (baseline)	n/a	
Three modules of management information systems are fully functional	Jan. 1, 2026	Yes	n/a	
Grievances registered related to delivery of project benefits that are resolved	Jan. 1, 2020	0 (baseline)	n/a	
Grievances registered related to delivery of project benefits that are resolved	Jan. 1, 2026	80	n/a	
Asset management plan prepared	Jan. 1, 2020	No (baseline)	n/a	
Asset management plan prepared	Jan. 1, 2026	Yes	n/a	
Groundwater study completed to the satisfaction of the WB/AIIB	Jan. 1, 2020	No (baseline)	n/a	
Groundwater study completed to the satisfaction of the WB/AIIB	Jan. 1, 2026	Yes	n/a	
Percentage of women engineers recruited by IWD	Jan. 1, 2020	4.5 (baseline)	n/a	
Percentage of women engineers recruited by IWD	Jan. 1, 2026	7	n/a	
Length of main canals modernized	Jan. 1, 2020	0 (baseline)	n/a	
Length of main canals modernized	Jan. 1, 2026	166.9	n/a	
Length of river embankment rehabilitated	Jan. 1, 2020	0 (baseline)	n/a	
Length of river embankment rehabilitated	Jan. 1, 2026	111	n/a	
Number of project monitoring reports submitted on time annually	Jan. 1, 2020	0 (baseline)	n/a	
Number of project monitoring reports submitted on time annually	Jan. 1, 2026	4	n/a	

Remarks: The project is in its early phase of implementation. The procurement of Monitoring and Evaluation (M&E) consultant is underway (development of TOR). M&E consultant is expected to be onboard by Q2 2021.