

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 (Q1: 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 Bernadette Ndeda, Procurement Specialist Yogesh Malla, Financial Management Specialist Jinghui Li, Assistant		
Completed Site Visits by AIB:	Jun, 2020 Virtual Mission Feb, 2021 Virtual Mission Jul, 2021 Virtual Mission		
Planned Site Visits by AIB:	Jun, 2021 No site visit has been planned due to travel restriction by Covid-19. Implementation Support Mission (Virtual) is planned for December 2021.		

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:	Mar. 31, 2026	Rev. Closing (if any):	

4. Disbursement Summary (million)

Currency:	USD		
a) Committed:	145	b) Cancellation (if any):	
c) Disbursed:	24.28	d) Most recent disbursement: (amount / date)	1.06, Sep. 10, 2021
e) Undisbursed:	120.72	f) Disbursement Ratio(%) ¹ :	16.74

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 has made a substantial progress in preparing bidding documents and in awarding contracts for civil works. Within a year after Project effectiveness, and despite restrictions due to cyclones Amphan and Yaas and COVID-19, the Project has awarded 20 flood protection and 17 irrigation civil works contracts amounting

to USD 233 million, which represents over 56 percent of the total Project costs of USD 413.8 million.

Restrictions due to the COVID-19 lockdown continue to impact the pace of Project implementation. While civil works have resumed, contractor performance is impacted by restricted movement and limited labor availability. At the last implementation support mission, key actions were identified and agreed with the CPMU, which are aimed towards (i) maintaining intense focus on construction supervision, (ii) ensuring timely submission, certification, and payment of invoices, and (iii) expedition of resettlement and rehabilitation compensation for affected households.

Components	Physical Progress	Environmental & Social Compliance	Procurement
Component A: Irrigation Management (USD 21.1 million)	1.09%	Complied	Estimated total packages: 62; No. of packages awarded: 8 (USD 0.74 m). SPMU is working to expedite activities under this component.
Component B: Modernization of Irrigation Infrastructure (USD186.5 million)	0.05%	Complied	Estimated total packages: 15; No. of packages awarded 6 (USD 83.62 m). Remaining 9 packages (USD 103.48) will be awarded in subsequent years.
Component 3: Flood Management (USD188.7 million)	12.49%	Complied	Estimate total packages: 19; No. of packages awarded: 12 (USD 140 m). Remaining 7 packages are under preparation and will be contracted after the 2022 monsoon season.
Component D: Project Management (USD16.7 million)	11.96%	Complied	Estimated total package: 37; No. of packages awarded: 14 (USD 12 m)

Financial Management:

The Project faced funds flow constraints in past financial year (FY2020-21). This had resulted in a mismatch in physical and financial progress.

The last mission was pleased to note that there are no prevailing funds flow constraints, and the pace of disbursements has shown substantial improvement.

There are no outstanding IUFs or the audits reports. The audited project financial statements for FY2018-19 and FY2019-20 have been submitted by the Project and concurred by the Co-financiers.

6. Status of the Grievance Redress Mechanism (GRM)

The GRM is operational and consists of 37 committees with 288 members, 117 of which are women. 29 grievances have been received, 14 of which are resolved, while the rest are in the process of resolution, which the team is monitoring. The grievances are largely related to dust pollution, waste dumping, safety, and loss of access which are due to the temporal construction works.

7. Results Monitoring

The project is in its early phase of implementation. The TOR of Monitoring and Evaluation (M&E) consultant is being finalized. M&E consultant is expected to be onboard by end of Q2 / beginning of Q3 2021.

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

Project Objective Indicators #1

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

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

Intermediate Result Indicators #3

Asset management plan prepared

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

Remarks: The project is in its early phase of implementation. The TOR of Monitoring and Evaluation (M&E) consultant is being finalized. M&E consultant is expected to be onboard by the next implementation support mission (December 2021). The achievement towards Project Objective indicators No.5 and 6 will be disaggregated on a geographical basis between the area south of Damodar River and the area between Damodar and Hooghly Rivers.