

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
AiIB 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 Bernadette Ndeda, Procurement Specialist Yogesh Malla, Financial Management Specialist Antong Hu, Project Assistant		
Completed Site Visits by AiIB:	Jun, 2020 Virtual Mission Feb, 2021 Virtual Mision		
Planned Site Visits by AiIB:	Jun, 2021 No site visit has been planned due to travel restriction by Covid-19. Implementation Support Mission (Virtual) is planned for June 2021.		

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

4. Disbursement Summary (million)

Currency:	USD		
a) Committed:	145	b) Cancellation (if any):	
c) Disbursed:	9.167	d) Most recent disbursement: (amount / date)	2.89, Mar. 22, 2021
e) Undisbursed:	135.833	f) Disbursement Ratio(%) ¹ :	6.3

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. A little over 6 months after the Project Effectiveness and despite restrictions due to Cyclone Amphan and COVID-19, the Project has awarded 20 flood protection and 17 irrigation civil works contracts (in 6 and 10 work packages, respectively) amounting to about USD 238 million in total, which represents nearly 60 percent of the total Project financing.

Restrictions due to the COVID-19 have eased and all civil works have resumed. However, due to the COVID-19 lockdown and the recent Cyclone Amphan, the progress of all civil works has been delayed. The last implementation support mission noted that the Project has been further challenged by the slow releases of counterpart funds and delays in the certification and payment of contractors' invoices by the CPMU. Actions have been identified and agreed with the CPMU, which

are aimed towards (i) timely submission, certification, and payment of invoices, (ii) timely releases of adequate funds and (iii) tightening construction supervision. Also, it was agreed that a contract management plan will be prepared, which will include KPIs to monitor contract implementation and assess the performance of contractors. This will help ensure that contract closing dates and contract extensions are closely monitored.

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: 7 (USD 0.74 m)
Component B: Modernization of Irrigation Infrastructure (USD186.5 million)	0.05%	Complied	Estimated total packages: 15; No. of packages awarded 6 (USD 86 m)
Component 3: Flood Management (USD188.7 million)	12.49%	Complied	Estimate total packages: 22; No. of packages awarded: 10 (USD 140 m)
Component D: Project Management (USD16.7 million)	11.96%	Complied	Estimated total package: 37; No. of packages awarded: 8 (USD 12 m)

Financial Management:

The Project has been facing fund flow constraints throughout the financial year 2020-21 with the Department of Finance (DOF), GoWB releasing INR 58 crores (US\$ 8 million equivalent) less than requested. Due to this, there exists a mismatch in the physical and financial progress across all civil works contracts. The last mission discussed with DOF to ensure that adequate funds are released on a timely manner so that Project activities can be implemented without delay. The DOF informed that INR 190 crores (US\$25 million equivalent) was released on March 8, 2021.

The IUFs have been submitted on timely basis and no major issues noted.

The Office of the Accountant General of West Bengal has initiated the audit of the Project expenditures for the financial years 2018-19 and 2019-20 and the audited Project financial statements are expected to be submitted to the Bank by April 30, 2021.

6. Status of the Grievance Redress Mechanism (GRM)

A GRM has been established. Six grievances have been received and resolved so far.

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	

Project Objective Indicators #2

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

Year	Target	Actual	Others, if any
Mar. 31, 2026	367,488	-	

Project Objective Indicators #3

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

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

Project Objective Indicators #4

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

Year	Target	Actual	Others, if any
Mar. 31, 2026	90	-	

Project Objective Indicators #5

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

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

Project Objective Indicators #6

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

Year	Target	Actual	Others, if any
Mar. 31, 2026	90	-	

Project Objective Indicators #7

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	

Project Objective Indicators #8

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
Mar. 31, 2026	30	-	

Project Objective Indicators #9

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	

Project Objective Indicators #10

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
Mar. 31, 2026	50	-	

Project Objective Indicators #11

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	

Project Objective Indicators #12

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

Year	Target	Actual	Others, if any
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	

Intermediate Result Indicators #2

Three modules of management information systems are fully functional

Year	Target	Actual	Others, if any
Mar. 31, 2026	Yes	n/a	

Intermediate Result Indicators #3

Grievances registered related to delivery of project benefits that are resolved

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

Intermediate Result Indicators #4

Grievances registered related to delivery of project benefits that are resolved

Year	Target	Actual	Others, if any
Mar. 31, 2026	80	n/a	

Intermediate Result Indicators #5

Asset management plan prepared

Year	Target	Actual	Others, if any
Aug. 11, 2020	No (baseline)	n/a	

Intermediate Result Indicators #6

Asset management plan prepared

Year	Target	Actual	Others, if any
Mar. 31, 2026	Yes	n/a	

Intermediate Result Indicators #7

Groundwater study completed to the satisfaction of the WB/AIIB

Year	Target	Actual	Others, if any
Aug. 11, 2020	No (baseline)	n/a	

Intermediate Result Indicators #8

Groundwater study completed to the satisfaction of the WB/AIIB

Year	Target	Actual	Others, if any
Mar. 31, 2026	Yes	n/a	

Intermediate Result Indicators #9

Percentage of women engineers recruited by IWD

Year	Target	Actual	Others, if any
Aug. 11, 2020	4.5 (baseline)	n/a	

Intermediate Result Indicators #10

Percentage of women engineers recruited by IWD

Year	Target	Actual	Others, if any
Mar. 31, 2026	7	n/a	

Intermediate Result Indicators #11

Length of main canals modernized

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

Intermediate Result Indicators #12

Length of main canals modernized

Year	Target	Actual	Others, if any
Mar. 31, 2026	166.9	n/a	

Intermediate Result Indicators #13

Length of river embankment rehabilitated

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

Intermediate Result Indicators #14

Length of river embankment rehabilitated

Year	Target	Actual	Others, if any
Mar. 31, 2026	111	n/a	

Intermediate Result Indicators #15

Number of project monitoring reports submitted on time annually

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

Intermediate Result Indicators #16

Number of project monitoring reports submitted on time annually

Year	Target	Actual	Others, if any
Mar. 31, 2026	4	n/a	

Remarks: -