



## India: Assam Urban Infrastructure Investment Program - Tranche 1

Project Name	Assam Urban Infrastructure Investment Program - Tranche 1				
Project Number	42265-023				
Country	India				
Project Status	Active				
Project Type / Modality of Assistance	Loan				
Source of Funding / Amount	<table border="1"> <tr> <td colspan="2"><b>Loan 2806-IND: Assam Urban Infrastructure Investment Program - Tranche 1</b></td> </tr> <tr> <td>Ordinary capital resources</td> <td>US\$ 51.00 million</td> </tr> </table>	<b>Loan 2806-IND: Assam Urban Infrastructure Investment Program - Tranche 1</b>		Ordinary capital resources	US\$ 51.00 million
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Ordinary capital resources	US\$ 51.00 million				
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth				
Drivers of Change	Governance and capacity development				
Sector / Subsector	<b>Transport</b> - Urban roads and traffic management <b>Water and other urban infrastructure and services</b> - Urban flood protection - Urban policy, institutional and capacity development - Urban solid waste management - Urban water supply				
Gender Equity and Mainstreaming	Effective gender mainstreaming				
Description	The MFF adopts a strategic and integrated approach to sustainable urban environmental improvement in Guwahati and Dibrugarh, Assam, including water supply, wastewater treatment, solid waste management, and drainage. Project 1 will support MFF management and implementation, including equipment, logistics, and the consultants to assist the program management unit (PMU) in detailed design, construction supervision, and related training and capacity building. Project 1 will provide improved and sustainable urban services at the standards set by the Government in the cities of Guwahati and Dibrugarh in Assam through the delivery of improved water supply, solid waste management (SWM), and drainage infrastructure.				
Project Rationale and Linkage to Country/Regional Strategy	Currently, only 30% of the population of about 1.0 million in Guwahati city, the capital of Assam has access to piped water supply, and the rest depend on localized individual ground water sources, and water vendors who charge high rates. The city is divided into four water supply zones. Water supply projects in north and south-central zones financed by the Japan International Cooperation Agency (JICA). In south Guwahati, water supply in the west zone is financed under the Jawaharlal Nehru National Urban Renewal Mission (JNNURM), and the proposed ADB assistance is for the south-east zone. In addition to Guwahati, Dibrugarh also suffers from prolonged local flooding during the annual monsoon due mainly to poor drainage. Because of the lack of sewerage and inadequate SWM much of the areas in the two cities drainage system becomes choked and severely polluted with untreated wastewater.				
Impact	Improved and sustainable urban services in selected project cities in Assam (synchronized with the MFF's DMF outcome).				

### Project Outcome

Description of Outcome	Efficient and improved pre-distribution water supply infrastructure in Guwahati, and drainage and solid waste management in Dibrugarh (consolidated MFF's DMF outputs)
Progress Toward Outcome	The loan became effective on 25 March 2012. Project management consultant(PMC) and design and supervision consultants (DSC) were mobilized and were fully operational. However, the contract with PMC was mutually agreed to be closed in Q4 of 2016. Two awarded contracts for Guwahati water supply had to be terminated due to poor performance of the contractor in Dec 2015. The terminated contracts were repackaged into three packages and were rebid. 2 Contracts for construction of water reservoirs and 1 for transmission mains at Guwahati had been awarded in Aug/Sep 2016. Three packages for Dibrugarh solid waste management are currently under procurement.

### Implementation Progress

Description of Project Outputs	<ol style="list-style-type: none"> <li>1. Improved and increased water supply area in project city</li> <li>2. Solid waste management infrastructure improved in Dibrugarh city</li> <li>3. Reduced flooding through improved urban drainage in the project cities</li> <li>4. Implementing agencies and ULBs effectively manage the project</li> </ol>
Status of Implementation Progress (Outputs, Activities, and Issues)	<p>(i) Implementing agencies and ULBs effectively manage the project: DSC consultant is fully operational and helping the Project Management Unit (PMU) and Project Implementation Units (PIUs) in the procurement and supervision activities. The contract for PMC was mutually agreed to be closed in Q4 of 2016. Guwahati Development Department (GDD), Government of Assam has taken steps to strengthen staffing in PMU and PIUs. Now PMU and PIUs are sufficiently staffed.</p> <p>(ii) Improved and increased water supply area in project city: One package involving construction of 6 storage reservoirs and allied works in Guwahati; and another package involving construction of transmission main pipelines and allied works for water supply project in Guwahati, which were awarded earlier had to be terminated on December 2015 due to poor performance of contractor. The terminated contracts were repackaged into three packages and were rebid. 2 Contracts for construction of water reservoirs and 1 for transmission mains have been awarded. The design, build and operation of intake works, raw water rising main, water treatment plant, clear water pumping stations and allied works in Guwahati will be covered under Tranche 2.</p> <p>(iii) Reduced flooding through improved urban drainage in the project cities: Contract for the construction of DTP drain box culverts and allied works in Dibrugarh is already awarded. Works are currently in progress.</p> <p>(iv) Solid waste management (SWM) infrastructure improved in Dibrugarh city: The bidding process for the design, build and operation of 100 metric tons processing plant and 60 metric tons Sanitary Landfill site and allied works in Dibrugarh is currently under process. Works to be executed in 2 packages. 1 works contract under technical bid evaluation and 1 under financial bid evaluation (Likely to be awarded by Q2 of 2017). One package for procurement of SWM equipment is being rebid and invitation for bids will be floated in April 2017 (likely to awarded by Q3 of 2017)</p>
Geographical Location	

## Safeguard Categories

Environment	B
Involuntary Resettlement	B
Indigenous Peoples	C

## Summary of Environmental and Social Aspects

Environmental Aspects	B
Involuntary Resettlement	B
Indigenous Peoples	C

## Stakeholder Communication, Participation, and Consultation

During Project Design	Stakeholder consultation conducted during processing.
During Project Implementation	A consultation and participation strategy included in the Project.

## Business Opportunities

Consulting Services	The Project Management Consultants (PMC) and the Design and Supervision consultants (DSC) were selected using full technical proposal from shortlisted firms using quality and cost based selection (QCBS) with 80% weight for quality and 20% weight for cost. Consulting services for community mobilization, performance monitoring, and resettlement planning will be from a nongovernment organization (NGO) to be selected on quality based selection.
Procurement	Procurement for the following packages is expected to commence in Q4 2014: <ol style="list-style-type: none"> <li>1. design, build and operation of intake works, raw water rising main, water treatment plant, clear water pumping stations and allied works in Guwahati</li> <li>2. design, build and operation of 100 metric tons processing plant and 60 metric tons Sanitary Landfill site and allied works in Dibrugarh</li> </ol>

## Responsible Staff

Responsible ADB Officer	Srivastava, Ashok
Responsible ADB Department	South Asia Department
Responsible ADB Division	India Resident Mission

**Timetable**

Concept Clearance	-
Fact Finding	-
MRM	-
Approval	18 Nov 2011
Last Review Mission	-
Last PDS Update	29 Mar 2017

**Loan 2806-IND**

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
18 Nov 2011	09 Mar 2012	25 Apr 2012	30 Jun 2018	-	-

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	72.80	Cumulative Contract Awards			
ADB	51.00	18 Nov 2011	45.69	0.00	90%
Counterpart	21.80	Cumulative Disbursements			
Cofinancing	0.00	18 Nov 2011	11.98	0.00	23%

Project Page <https://www.adb.org/projects/42265-023/main>Request for Information <http://www.adb.org/forms/request-information-form?subject=42265-023>

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