

Project Summary for Public Disclosure
(after approval of NDB financing)

Project Name	Mumbai Metro Rail II (Line 6) Project
Country	The Republic of India
Type	Sovereign
Area of Operation	Transport Infrastructure
Concept Approval Date	6 February 2020
Financing Approval Date	29 September 2020
Total Project Cost	USD 750 million
Initial Limit of NDB Financing	USD 241 million
Current Limit of NDB Financing	USD 241 million
Borrower	The Republic of India
Project Entities	Government of the State of Maharashtra Mumbai Metropolitan Region Development Authority
Project Context	<p>Mumbai, the capital of the State of Maharashtra, is one of India's largest metropolitan areas, and is also known as the financial capital of India. The city faces challenges as its current transport infrastructure can no longer cope with the growing passenger traffic. In Mumbai, the primary mode of transport is the suburban rail system, which carries over 8 million passengers every day and is often found extremely congested. The suburban rail has severe safety problems with about 8 to 9 fatalities per day. The current network has limited connections and does not serve the expanded urban areas. In addition, the increasing number of private automobiles has put extra burden on the already overloaded road network and has led to environment issues such as pollution. Enhancing public transport infrastructure with increased capacity and quality has become crucial to address Mumbai's transport infrastructure challenges. Geographic constraints, limited land availability and extremely high population density act as barriers in expanding the suburban rail and road network. A grade separated metro rail system has been considered as the best suitable alternative.</p>
Project Description	<p>The Project comprises financing of equipment and system components for implementing the proposed metro Line 6 in Mumbai, with rail infrastructure of about 14 km and 13 stations. Line 6 will provide the much-needed rail-based connectivity between the</p>

	western and eastern suburbs, and will contribute to an integrated public transport network in Mumbai.		
Project Objective	The Project aims to improve Mumbai's transport and traffic conditions through providing a modern metro system, featuring high-capacity, safe, and comfortable mode of transport. The Project will improve overall mobility of Mumbai's urban population and promote economic growth through improving accesses to markets, workplaces, education, and health facilities. The Project will also improve quality of lives of the residents in Mumbai.		
Implementation Arrangements	The Project is estimated to be implemented over four years. Mumbai Metropolitan Region Development Authority will be the Implementing Agency. Procurement will be conducted in compliance with the national guidelines and requirements and in line with the principles of NDB's procurement policy.		
Environmental and Social Information	The Project is categorized as Category A in line with NDB's Environmental and Social Framework (ESF). Main environmental and social impacts include acquisition of private land and resettlement, occupational safety, removal of trees, and temporary traffic disruption. These impacts will be mitigated by adherence to country systems and environmental & social management plans specifically developed for the Project.		
Financing	The total cost of the Project is estimated at USD 750 million. The Project will be financed by a Sovereign Project Loan of USD 241 million from NDB and counterpart funds of USD 509 million from the Government of the State of Maharashtra.		
	Source of Fund		Amount (USD million)
	NDB		241
	Government of the State of Maharashtra		509
Contacts	NDB	Borrower	Project Entity
	Public Sector Department Jitesh Ketkar	Ministry of Finance of the Government of India S. Divyadharshini s.divyadharshini@ias.nic.in	Mumbai Metropolitan Region Development Authority Sushil Chandra (Director -System) dirtsys@mailmmrda.maharashtra.gov.in