

## Outline Terms of Reference for Consulting Services

### Metro Rail Planning for Line 2 ADB Loan No. 3062-IND: Jaipur Metro Rail Line 1–Phase B Project

#### A. Background and Objectives

1. The objective is to review and update the Detailed Project Report (DPR) for Jaipur Metro Rail Line 2 (North-South corridor of about 24 kilometers from Sitapura to Ambabari).

#### B. Scope of Services

2. The consultant will review and update the DPR, including its following aspects:
  - Jaipur Urban Transport Sector Assessment
  - Independent / Updated Traffic Assessment
  - Preliminary Engineering and System Performance Specification
  - Cost Estimate
  - Economic and Financial Assessment
  - Financial Sustainability Assessment
  - Implementation Arrangement
  - Optimized model for implementation
  - Outline Bidding Documents

#### C. Implementation Arrangements

3. The consulting services will be implemented by an international consulting firm. An association with a suitable domestic consultant is encouraged to compliment consultant's local knowledge and experience. It is anticipated that the following international and national staff will be required:

<b>International</b>	<b>Person-months</b>	<b>National</b>	<b>Person-months</b>
Team Leader/Metro Rail Expert (Civil)	6	Metro Rail Expert (Civil)	6
Metro Rail Expert (Systems)	4	Metro Rail Expert (Systems)	6
Economic and Financial Specialist	2	Geotechnical Specialist	3
		Urban Transport Specialist	3
		Economic and Financial Specialist	3
		Legal Expert	1
		Procurement Specialist	4
		Environmental Specialist	4
		Social Resettlement Specialist	5
<b>Total (International)</b>	<b>12</b>	<b>Total (National)</b>	<b>35</b>

#### D. Reports, Deliverables, and Time Schedule

4. Updated Feasibility Study and Detail Project Report.