

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:

International	Person-months	National	Person-months
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
Total (International)	12	Total (National)	35

D. Reports, Deliverables, and Time Schedule

4. Updated Feasibility Study and Detail Project Report.