

STANDARD BIDDING DOCUMENT

Procurement of Plant Design, Supply, and Installation

**Single-Stage: Two-Envelope
Bidding Procedure**

Asian Development Bank

December 2015

Foreword

This Standard Bidding Document for Procurement of Plant – Design, Supply, and Installation (SBD Plant) has been prepared by the Asian Development Bank (ADB) and is based on the Master Procurement Document prepared by multilateral development banks and other public international financial institutions which reflects the majority view of these institutions. This document has the structure and the provisions of the Master Procurement Document, except where ADB-specific considerations have required a change.

The SBD Plant is intended to be used for the procurement of plant through international competitive bidding when

- the contract involves the design, supply, installation and commissioning of specially engineered plant and equipment such as turbines, generators, boilers, electrical switchyards/substations, pumping stations, telecommunication systems, process and wastewater treatment plants, and similar projects;
- the value of the plant and equipment represents the major part of the estimated contract value; and
- the nature and complexity of the plant and equipment is such that the facilities cannot safely be taken over by the Employer without comprehensive testing, pre-commissioning, commissioning and acceptance procedures being followed.

The SBD Plant documents anticipate that the contractor is responsible for each activity required to complete the facilities, e.g., design, manufacture, delivery, installation, testing, commissioning, training, and required civil works portions. However, these conditions may be adapted for single-responsibility contracts where some activities, such as parts of the preliminary design or site preparation works, are done by others.

An important feature of this SBD is that it can be used with minimum changes, as it does not contain explanatory commentary not forming part of the bidding document.

This SBD is supported by a User's Guide. The User's Guide contains detailed explanations and recommendations to Employers on how to prepare a specific bidding document for the procurement of plant and how to evaluate bids. The User's Guide is not a part of the bidding document.

To obtain further information on procurement under ADB-financed projects, contact

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**BIDDING DOCUMENT
for
Procurement
of**

NCB No.-JP/EW/1B/E1

Design Verification, Detail Engineering, Supply, Installation, Testing and Commissioning of Environment Control System (ECS), Tunnel Ventilation System (TVS), Electrical and Mechanical System (E&M) and Building Management System (BMS) for two underground Metro Stations at Chhoti Chaupar and Badi Chaupar on East–West Corridor of Jaipur Metro Phase- 1B

Issued on: June 2016

Invitation for Bids No.:

NCB No.: JP/EW/1B/E1

Employer: Jaipur Metro Rail Corporation Limited, Jaipur

Country: INDIA

Preface

This Bidding Document for Procurement of Plant – Design, Supply, and Installation, has been prepared by *Jaipur Metro Rail Corporation Limited* and is based on the Standard Bidding Document for Procurement of Plant – Design, Supply, and Installation (SBD Plant) issued by the Asian Development Bank dated December 2015.

ADB's SBD Plant has the structure and the provisions of the Master Procurement Document entitled "Procurement of Plant – Design, Supply, and Installation", prepared by multilateral development banks and other public international financial institutions except where ADB-specific considerations have required a change.

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