

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

Operations Services and Financial Management Department (OSFMD)
Asian Development Bank
6 ADB Avenue, Mandaluyong City
1550 Metro Manila, Philippines
Email: procurement@adb.org
Tel +63 2 632 2444
Fax +63 2 636 2444 [Attn: Director General, OSFMD]
www.adb.org

Procurement of Plant Design, Supply, and Installation

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

**BIDDING DOCUMENT
for
Procurement
of**

NCB No.-JP/EW/1B/E2

DESIGN, DETAIL ENGINEERING, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 25 KV AC TRACTION (RIGID OHE), 33 KV AUXILIARY SUB STATIONS (ASS), ASSOCIATED CABLING AND SCADA SYSTEMS FOR UNDERGROUND CORRIDORS OF JAIPUR MASS RAPID TRANSPORT SYSTEM PROJECT PHASE-1B

Issued on: June 2016

Invitation for Bids No.:

NCB No.: JP/EW/1B/E2

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.

Table of Contents - Summary Description

PART I BIDDING PROCEDURES

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Section 1 - Instructions to Bidders (ITB) ----- | 1-1 |
| This Section specifies the procedures by Bidders in the preparation and submission of their Bids following a Single-Stage, Two-Envelope bidding procedure. Information is also provided on the submission, opening, and evaluation of bids and on the award of contract. | |
| Section 2 - Bid Data Sheet (BDS) ----- | 2-1 |
| This Section consists of provisions that are specific to each procurement and supplement the information or requirements included in Section 1 - Instructions to Bidders. | |
| Section 3 - Evaluation and Qualification Criteria (EQC) ----- | 3-1 |
| This Section contains the bid evaluation criteria to determine the lowest evaluated bid and specifies the necessary qualifications of Bidders. | |
| Section 4 - Bidding Forms (BDF) ----- | 4-1 |
| This Section contains the forms which are to be completed by the Bidder and submitted as part of its Bid. | |
| Section 5 - Eligible Countries (ELC) ----- | 5-1 |
| This Section contains the list of eligible countries. | |

PART II REQUIREMENTS

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Section 6 - Employer's Requirements (ERQ) ----- | 6-1 |
| This Section contains the Scope of Supply of Plant and Services, Specifications, the Drawings, and Supplementary Information that describe the plant and services to be procured, Personnel Requirements, Equipment Requirements, Certificates, and Change Orders. | |

PART III CONDITIONS OF CONTRACT AND CONTRACT FORMS

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Section 7 - General Conditions of Contract (GCC) ----- | 7-1 |
| This Section contains the general clauses to be applied in all contracts. These Conditions are subject to the variations and additions set out in Section 8 (Special Conditions of Contract). | |
| Section 8 - Special Conditions of Contract (SCC) ----- | 8-1 |
| This Section contains provisions that are specific to each contract and that modify or supplement the GCC. Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. The clause number of the SCC is the corresponding clause number of the GCC. | |
| Section 9 - Contract Forms (COF) ----- | 9-1 |
| This Section contains forms, which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful Bidder after contract award. | |