North-South Commuter Railway (NSCR) Project (Malolos-Tutuban)

PRE-BID CONFERENCE
FOR CONTRACT PACKAGES CP01 & CP02

Friday, 01 June 2018
AGENDA

A. Welcome Message & Introduction of Participants
   • DOTr, PNR, Procurement Service (PS) BAC 1
   • Bidders
   • General Consultant (NSTren Consortium)

B. Project Information and Explanation on Bidding Procedures & Requirements

C. Bidder’s Question
Disclaimer

- Any statement made at the Pre-Bid Conference does not modify the terms of the **Bidding Documents**, unless such statement is specifically identified in writing as an official Addendum through a Bid Bulletin.

- The **Pre-Bid Conference** is also an opportunity for the prospective Bidders to request for clarifications about the Bidding Documents. However, such request must be followed up in writing and BAC 1 will respond in writing by issuing Bid Bulletins uploaded to the websites of PS-DBM, DOTr and PNR.
Project Information and Explanation on Bidding Procedures & Requirements

• Key Project Information
• Bid Timeline
• Composition of Bid Summary
• Technical Bid
• Price Bid
• Packing, Sealing and Marking of Bids for Submission
Key Project Information

• **Project Name:** North-South Commuter Railway Project (Malolos-Tutuban)
  Also referred to as the NSCR Project

• **Contracts for Civil Works and Building:**
  - **Package CP01:** Elevated Structures, 7 Stations and Depot
  - **Package CP02:** Elevated Structures and 3 Stations

The Bidding Documents have been prepared separately for each package, and shall be Bid as separate Contracts, and shall not be combined in a single Bid.

*Note: The Bidding Documents Volume II. Part 2 – Works Requirements for the Scope of Works and Specifications are similar for both CP01 and CP02.*
Key Project Information

Scope of Works

• The North–South Commuter Railway (NCSR) Project involves constructing 37.6 km of double track standard gauge railway from Malolos (Bulacan) to Tutuban (Manila), with a total of 10 Stations. The railway structure comprises 35.4 km elevated viaduct and 2.2 km embankment, and a Depot that will be located at Valenzuela. The travel time between Malolos and Tutuban will be approximately 35 minutes running at a maximum speed of 120 km/hr, and headways between trains of approximately 6 minutes.
Outline of Project

CP01 – 23.6Km
- Viaduct – 21.3Km
- Embankment – 1.8Km
- 7 Elevated Station
- 2 Balance Cantilever Bridges at C3 Road & Tullahan River
- Depot (approx. 14.1ha)

CP-02 – 14.0Km
- Viaduct – 13.5Km
- Embankment – 400m
- 3 Elevated Station
- 1 Balance Cantilever Bridge at Santol River
PRE-BID CONFERENCE FOR CONTRACT PACKAGES CP01 & CP02

Pre-Bid Conference for Contract Packages CP01 & CP02
2018/06/01
Typical Viaduct

Viaducts of typically 40m span has been used for most of the guideway, except between Guiguinto Station and Malolos station were viaducts of typically 50m span has been used to in order to avoid the existing piers constructed during the North Rail Project.
Embankment Locations

Embankment has been used between chainages 2km361m to 4km160m because at this section, the NSCR alignment runs below the Segment 10 Expressway, and there is limited clearances for piling and construction of superstructure in case viaducts were used.

Embankment has also been used between chainage 20km740m and 21km148m as determined by the geotechnical and pre-existing conditions of the site. Embankment system has been based on the Japanese railway technical specifications.
<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Station Name</th>
<th>Chainage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tutuban</td>
<td>-2Km+752m</td>
</tr>
<tr>
<td>2</td>
<td>Solis</td>
<td>0Km+5m</td>
</tr>
<tr>
<td>3</td>
<td>Caloocan</td>
<td>2Km+131m</td>
</tr>
<tr>
<td>4</td>
<td>Valenzuela</td>
<td>9Km+190m</td>
</tr>
<tr>
<td>5</td>
<td>Meycauayan</td>
<td>12Km+003m</td>
</tr>
<tr>
<td>6</td>
<td>Marilao</td>
<td>14Km+771m</td>
</tr>
<tr>
<td>7</td>
<td>Bocaue</td>
<td>19Km+243m</td>
</tr>
<tr>
<td>8</td>
<td>Balagtas</td>
<td>23Km+208m</td>
</tr>
<tr>
<td>9</td>
<td>Guiguinto</td>
<td>27Km+857m</td>
</tr>
<tr>
<td>10</td>
<td>Malolos</td>
<td>34Km+142m</td>
</tr>
</tbody>
</table>
NSCR STATION-PLAZA EXAMPLE

GUIGUINTO STATION: 3- LEVEL OUTBOARD STATION

STATION PLAZA SCOPE OF WORKS

1. PAVEMENT
2. DRAINAGE
3. LIGHTING
NSCR STATIONS (Double Island Type)

1. PTFE TENSION MEMBRANE ROOFING – Supplier must have 20 years of manufacturing and installing experience

2. ACM/ALUMINUM HONEYCOMB PANEL FINS - With 3-coat and 3-bake system e.g. FEVE or PVDF coating

3. SUN-CONTROL LOUVERS – Extruded aluminum aerofoil design with PVDF coating

MARILAO STATION: 3-LEVEL DOUBLE-ISLAND STATION
NSCR STATIONS (Island Type)

1. PTFE TENSION MEMBRANE ROOFING – Supplier must have 20 years of manufacturing and installing experience

2. SPANISH TYPE METAL ROOFING – Pre-painted Metal Roof panels

3. ACM/ALUMINUM HONEYCOMB PANEL FINS – With 3-coat and 3-bake system e.g. FEVE or PVDF coating

4. SUN-CONTROL LOUVERS – Perforated Folded Metal plate aero screen design with PVDF coating

TUTUBAN STATION: 3- LEVEL ISLAND STATION
TOTAL NUMBER OF SUBSTATION = 9
• 6 SUBSTATION FOR CP01
• 3 SUBSTATION FOR CP02
Valenzuela Depot Layout

The depot and the workshop are planned to be constructed between Old Valenzuela Station and Meycauayan Station in northern Valenzuela City and its total area of the depot is around 14 hectares.

Track structure in the depot is Ballasted Track.

There are administrative offices and maintenance structures mainly as below:

- Light repair shop
- OCC building
- Workshop
- Wheel re-profiling shop
- Unscheduled repair track
- Test track
- Lead tracks
- Eighteen (18) storage tracks
- Car washing track
- Wheel re-profiling track
- Stabling track &
- Three (3) repair tracks
Valenzuela Depot Layout

Pre-Bid Conference for Contract Packages CP01 & CP02
2018/06/01
**OCC BUILDING**  
(Approx. 26m high)  
KEY FEATURES:  
• VERTICAL SUNCONTROL LOUVER- Extruded Aluminium with PVDF Coating  
• ALUMINIUM COMPOSITE MATERIAL EXTERIOR FACADE – Aluminium Composite Honey combed Panel

**LIGHT REPAIR SHOP**  
(Approx. 10m high)  
KEY FEATURES:  
• LARGE GLASS PANELS – Laminated, heat reflective glass  
• INSULATED METAL ROOF AND WALL PANELS – Fire Rated and self extinguishing sprayed insulation with Top and Bottom metal skin

**HEAVY REPAIR WORKSHOP**  
(Approx. 18m high)  
KEY FEATURES:  
• LARGE GLASS PANELS – Laminated, heat reflective glass  
• INSULATED METAL ROOF AND WALL PANELS – Fire Rated and self extinguishing sprayed insulation with Top and Bottom metal skin
Key Project Information

- **The Borrower:** The Government of the Republic of the Philippines
- **The Employer:** The Department of Transportation (DOTr)
- **The End-User:** The Philippine National Railways (PNR)
- **Procuring Agent:** Procurement Service of the Department of Budget and Management (PS-DBM)
- **Funding Source:** Japan International Cooperation Agency (JICA) ODA Loan Agreement No. PH-P262 dated 27 November 2015, under the Special Terms for Economic Partnership (STEP) of Japanese ODA Loans, February 2017.
Key Project Information

• **STEP Requirement:** Total costs of goods and services procured from Japan as a percentage of the Accepted Contract Amount, including Provisional Sums, shall be not less than:
  CP01: 16%  ~  CP02: 13%

• **Invitation For Bids (IFB) No:**
  CP01: 18-130-1  ~  CP02: 18-131-1

• **Procurement Method:** International Competitive Bidding (ICB), in accordance with JICA Guidelines for Procurement under Japanese ODA Loans (April 2012), utilizing JICA Standard Bidding Documents (SBD) for ‘Procurement of Works’ October 2012 utilizing:
  
  ➢ Part 1 – Bidding Procedure Option B: Single-Stage Two-Envelope (Without Prequalification); and
  ➢ The General Conditions of Contract are the Multilateral Development Bank (MDB) Harmonized Edition of the Conditions of Contract for Construction, FIDIC 2010 (referred to as the FIDIC Pink Book)
Key Project Information

Bidder’s Eligibility:
• The eligible Nationality of the Supplier(s) shall be the following as specified in the Operational Rules of Special Terms for Economic Partnership (STEP) of Japanese ODA Loans, February 2017:
  a. Japan in the case of the prime contractor; and
  b. All countries and areas in the case of the sub-contractor(s).

With regard to the above, in a case where the prime contractor is a joint venture, such joint venture will be eligible provided that the nationality of the lead partner is Japan, that the nationality of the other partners is Japan and/or the Republic of the Philippines, and that the total share of work of Japanese partners in the joint venture is more than 50% of the contract amount.
Key Project Information

Summary of Key Date Schedule for both CP01 & CP02:

• Major Civil & Building Works Completion = 30 months from Commencement Date
• Completion of the whole of the Works = 42 months from Commencement Date (Issue of Taking-Over Certificate)
• Defects Notification Period = 12 months (From Taking Over Certificate to issue of Performance Certificate)

Other Key Date Schedules:

• To obtain Key Date Schedules for all Contract Packages (CP01, CP02, CP03 & CP04), refer in each Contract Package to Bidding Documents Volume IV. Part 3 – Conditions of Contract and Contract Forms, Section VIII. “Attachment to the Particular Conditions Part A: Contract Data, Summary of Key Dates”
Bid Timeline

• Invitations for Bids: 18 May 2018
• Site Visit: 31 May 2018
• Pre-Bid Conference: 1 June 2018
• Last Day for Bidders to submit Requests for Clarifications: 2 August 2018 (14 days before the Bid Submission deadline date)
  Such questions shall be submitted officially in writing in accordance with ITB 7.1
• Submission of Bids Deadlines / Opening of Technical Bids:
  16 August 2018: CP01 at 09:00 AM and CP02 at 1:00 PM

Note: Bidders may request additional Site Visits in accordance with the “Guidelines to the Site Visit” attached in Volume V, Part 4 Site Data of the Bidding Documents, and as modified in General Bid Bulletin (GBB) No. 1 (24 May 2018).
Composition of Bid Summary

The Bid shall comprise two (2) sealed envelopes submitted simultaneously:

• **Technical Bid Envelope**
  
  To be opened on the Technical Bid opening deadline date.

• **Price Bid Envelope**

  To remain sealed and held in safekeeping until the Price Bid opening date and time is advised by the Procuring Agent. Following Technical Bid Evaluation, only the Price Bids for which the Technical Bids have been found to be substantially responsive, will be opened.

Both envelopes shall be enclosed together on submission in an outer single envelope.
Technical Bid

Reference ITB 11.2 The Technical Bid shall comprise the following:

(a) **Letter of Technical Bid;**

(b) **Bid Security, in accordance with ITB 19** (Security shall be valid 210 +28 days after the Bid Submission deadline);

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP01</td>
<td>Japanese Yen One Billion Three Hundred Million (JPY 1,300,000,000)</td>
</tr>
<tr>
<td>CP02</td>
<td>Japanese Yen Eight Hundred Million (JPY 800,000,000)</td>
</tr>
</tbody>
</table>

(c) **alternative Bids are not permissible;**

(d) **written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.2;**

(e) **documentary evidence, in accordance with ITB 17 establishing the Bidder’s qualifications to perform the contract if its Bid is accepted**

Refer to Volume 1. Section III. Evaluation and Qualification Criteria (EQC) and Section IV. Bid Forms;
Technical Bid (continued)

(f) Technical Proposal in accordance with ITB 16
Refer to Volume I. Section IV. Appendices to Letter of Technical Bid - Appendix 4, and various Bidding Forms;

(g) Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans (Form ACK)
Refer to Volume I. Section IV. Bidding Forms, Appendices to Letter of Technical Bid - Appendix 5, and Bidding Form ACK;

(h) Any other document required in the BDS
(Volume 1. Section II. Bid Data Sheet which complements the ITB)

Refer also to Volume 1. Section IV. Bidding Forms, Appendices to Letter of Technical Bid - Appendix 7: Bid Index.

Reference ITB 11.4:
JV Agreement or letter of intent to form (if applicable)
Technical Bid (continued)

Basis for rejection of Bids:

IFB, Paragraph 7: Copy of proof of payment for the Bidding Documents shall be attached to the Technical Bid envelope only; otherwise, the Bid shall be rejected.

ITB 29.2: ...If any of these documents or information is missing, the Bid shall be rejected.

(a) Letter of Technical Bid;
(b) Written confirmation of authorization to commit the Bidder;
(c) Bid Security; and
(d) Technical Proposal in accordance with ITB 16.
Price Bid

Reference ITB 11.3 The Price Bid shall comprise the following:

(a) Letter of Price Bid;

(b) Completed Price Schedules, in accordance with ITB 12 and 14:

   Schedule 1: Bill of Quantities (BOQ);
   Schedule 2: Schedule of Adjustment Data (refer ITB 14.5); and

(c) No Alternative Bids are permitted.
Packing, Sealing and Marking of Bids for Submission

Technical Bid & Price Bid
(Reference: ITB 21.1 to 21.5 – Submission, Sealing and Marking of Bids)
Information to be written on the Inner & Outer Envelopes of Technical Bid, Price Bid:

Bidding for:
Package CP01: Elevated Structures, 7 Stations and Depot
(or as applicable)
Package CP02: Elevated Structures and 3 Stations
JICA Loan No.: PH-P262
IFB No.: 18-130-1 (CP01)
(or as applicable)
IFB No.: 18-131-1 (CP02)

To Be Addressed to (Reference: BDS 22.1):
Attention:
Mr. Ariel R. Cunanan
CHAIRPERSON
Bids and Awards Committee I
Address:
Procurement Service
PS-DBM Compound
RR Road, Cristobal Street, Paco, Manila
1007 Philippines

Pre-Bid Conference for Contract Packages CP01 & CP02
2018/06/01
Envelopes

Technical Bid Documents (Marked “TECHNICAL BID - ORIGINAL”)

“One (1) Original”

Envelope comprises One (1) “ORIGINAL” Technical Bid Documents (Reference: ITB 11.2 and ITB 20.1)

Name of Bidder:
Address:
Bidding for:
To Be Addressed to Procuring Agent:

“TECHNICAL BID - ORIGINAL”

WARNING
Not to be opened before the time and date for the opening of Technical Bids.
Envelopes

Technical Bid Documents (Marked “TECHNICAL BID - COPY”)

“Five (5) Copies + 1 CD ROM”

WARNING
Not to be opened before the time and date for the opening of Technical Bids.
Envelopes

Price Bid Documents (Marked “PRICE BID - ORIGINAL”)

“One (1) Original”

Envelope comprises **One (1) “ORIGINAL” Price Bid Documents** (Reference: ITB 11.3 and ITB 20.1)

Name of Bidder:  
Address:

Bidding for:

To Be Addressed to Procuring Agent:

“PRICE BID - ORIGINAL”

**WARNING**  
Not to be opened until advised by the Procuring Agent
Name of Bidder:  
Address:  
Bidding for:  
To Be Addressed to Procuring Agent:  
“PRICE BID - COPY”  

Envelope comprises of Five (5) Copies + One (1) CD ROM of Price Bid Documents (Reference: BDS 20.1)  

WARNING  
Not to be opened until advised by the Procuring Agent.
Envelopes

Technical and Price Bids

Outer Envelope of Technical Bid (Envelope-1)

Final Outer Envelope Technical Bid & Price Bid (Envelope-3)

Remark:
Technical Bid and Price Bid shall be enclosed together in the Final Outer Envelope–3.

Outer Envelope of Price Bid (Envelope-2)
Remarks

Outer Envelope of Technical Bid (Envelope-1)  
Outer Envelope of Price Bid (Envelope-2) and  
FINAL outer Envelope (Envelope-3) consists of Envelope-1 and Envelope-2

All envelopes must have the following:

- Name of Bidder:  
  Address:  
- Bidding for:  
- To Be Addressed to Procuring Agent:  
- WARNING

Reference:
ITB 11.2 & 11.3, BDS 20.1, ITB 21.1 to 21.5, BDS 22.1 and ITB 25.1
Reminder:

**ITB 6.4 (Quote):**

“The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents, and to furnish with its Bid all information and documentation as is required by the Bidding Documents”.

Nothing in this Pre-Bid Conference Agenda shall change the terms and conditions of the Bidding Documents.

Requests for clarifications must be followed up in writing and the BAC will respond in writing by issuing Bid Bulletins uploaded to the websites of PS-DBM, DOTr and PNR.
QUESTIONS & ANSWERS
End of Presentation