

PRE-BID CONFERENCE



LIMITED EXPRESS ROLLING STOCK – CONTRACT PACKAGE NS-03

Malolos to Clark Railway Project (MCRP) and North South Railway Project - South (NSRP - South)

12 March 2021



Nippon Koei

Disclaimer

Any statement made at the Pre-Bid Conference is not intended to modify the terms of the Bidding Documents, unless it is later specifically notified in writing in the form of an official Addendum issued through a Bid Bulletin.

However, any such request must be followed up in writing and, where necessary, PS-DBM will respond in writing by issuing a Bid Bulletin uploaded to the websites of PS-DBM, DOTr and PNR as follows:

www.ps-philgeps.gov.ph

www.dotr.gov.ph

www.pnr.gov.ph

Email: bac4_cpns03@ps-philgeps.gov.ph

Presentation Outline

1. Project Overview
2. Key Project Information
3. Tender Submission
4. Technical Requirements
5. Common Bidding Mistakes
6. Previously Asked Questions (PAQ)

1. Project Overview

Project Overview

The North-South Commuter Railway Extension Project (NSCR-EX) is an essential part of an integrated programme aimed at easing congestion in existing national and local roads along the railway's route whilst accelerating economic growth and expansion along the areas influenced by the alignment.

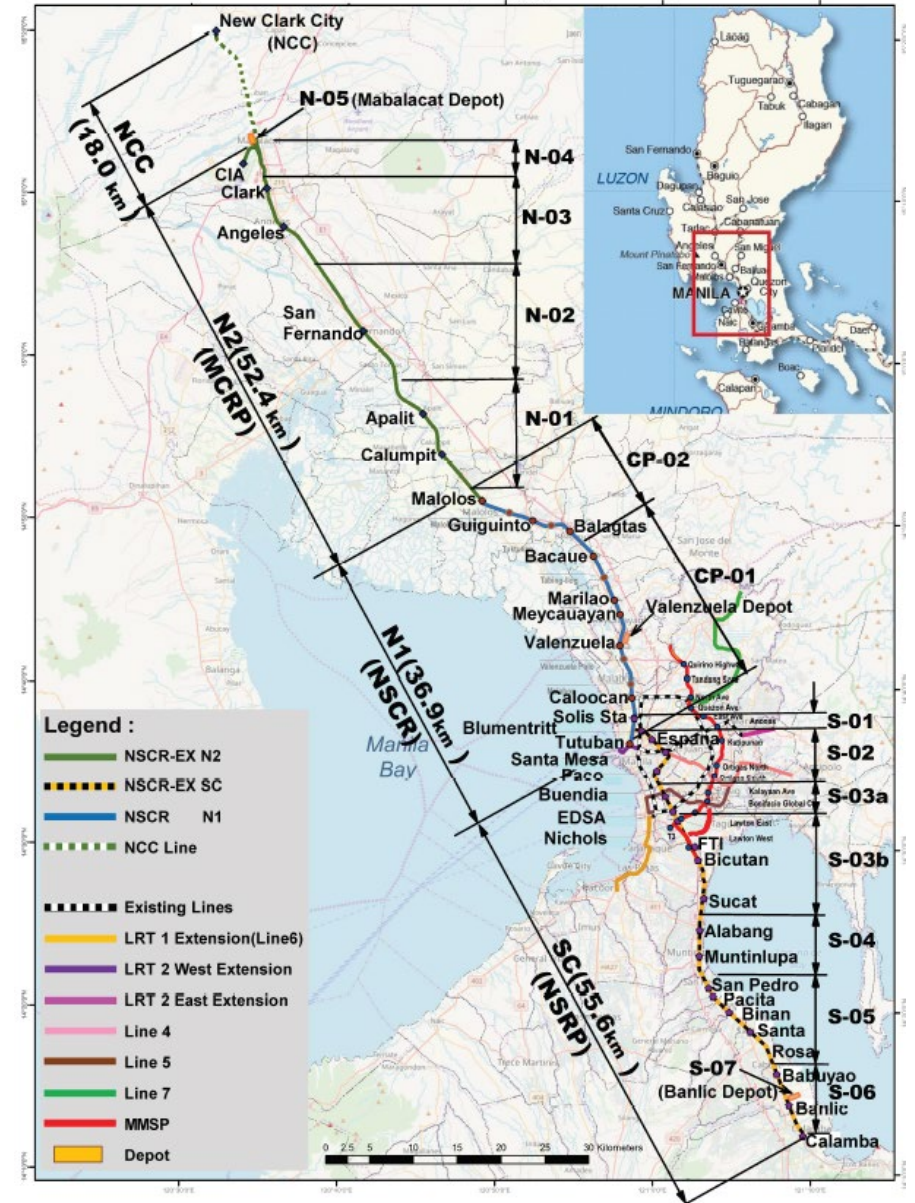
The NSCR-EX project comprises two sub-components, namely the NSCR Clark Extension - Malolos to Clark (N2), and NSCR Calamba Extension – Solis to Calamba (SC), which both interface with the NSCR N1 Project to form the overall NSCR.

The tenderers briefing will cover Contract Package NS-03; one of the two (2) contracts that will provide the entire (all three (3) interfacing parts) with Limited Express Rolling Stock.

Outline of the Project

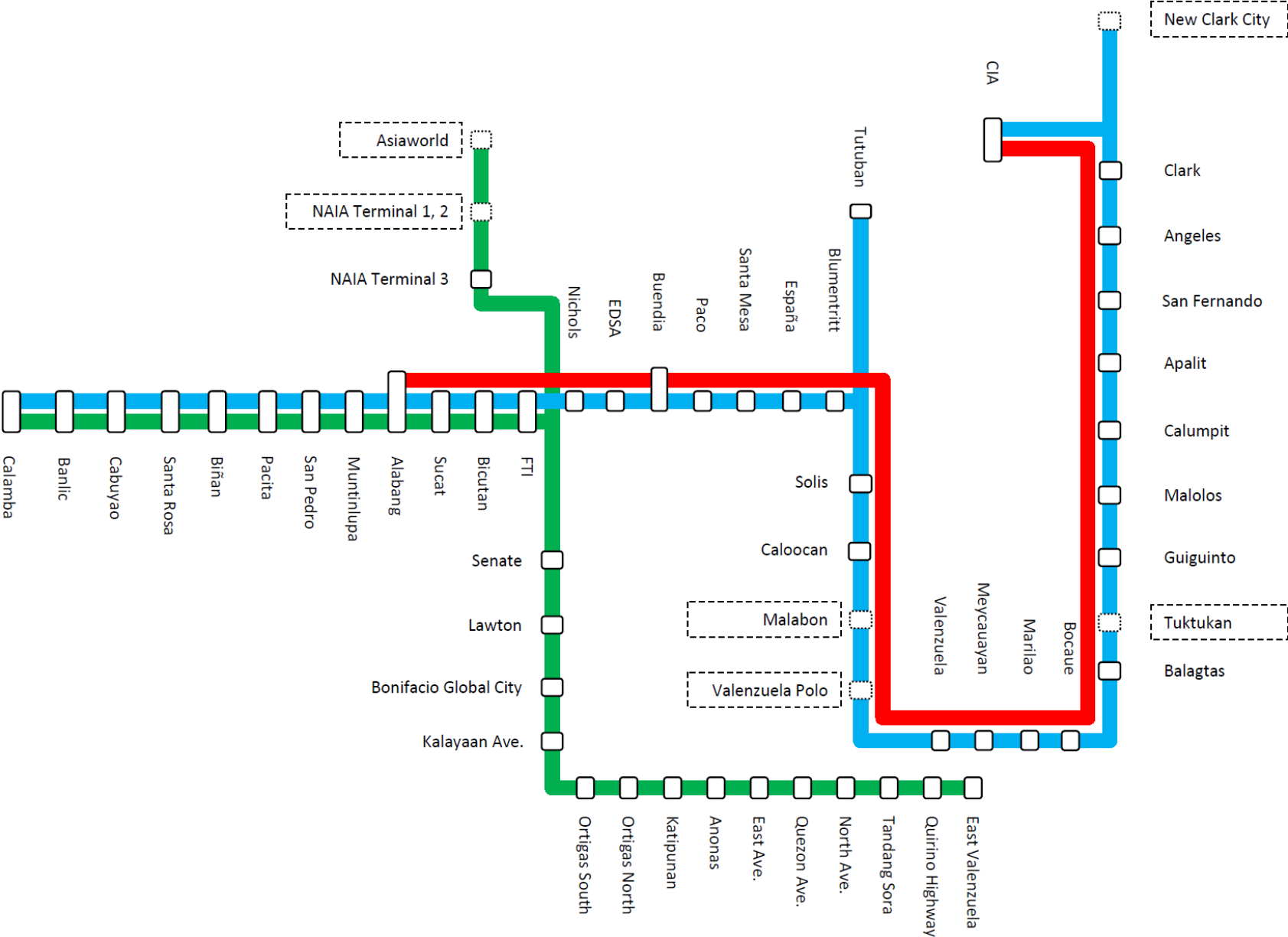
<p>MCRP Civil Packages:</p>	<p>Total of 5 civil packages 5 elevated stations 1 underground station</p>
<p>NSRP-South Civil Packages:</p>	<p>Total of 8 civil packages 18 elevated stations</p>
<p>E&M Packages :</p>	<p>Total of 10 systems</p>
<p>Commuter Rolling Stock:</p>	<p>38 Commuter Trainset</p>
<p>Depots:</p>	<p>Mabalacat (North) and Banlic (South)</p>

North South Commuter Railway Alignment Map



Train Services

- NSCR Limited Express
- NSCR Commuter
- MMS Line
- Future Stations



2. Key Project Information

Key Project Information

Information	JICA financed Rolling Stock Works
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)
The Engineer	Greater Capital Railway Consortium (GCR)
Procuring Agent	Procurement Service of the Department of Budget and Management (PS-DBM)
Bidding System	<ul style="list-style-type: none"> • International Competitive Bidding (ICB), • One Stage, Two-Envelopes Bidding
Eligible Nationality of Bidder	Prime Contractor / JV Partners / Subcontractors : JICA guidelines <ul style="list-style-type: none"> • Japanese as Prime Contractor • In case of JV, Japanese should be leader partner (>50%) and other partners should be from the Philippines. • Subcontractor: Any
Procurement Guideline	Guidelines For Procurement Under Japanese Oda Loans
Applicable Standard Bidding Document	Procurement Of Electrical And Mechanical Plant And For Building And Engineering Works, Designed By The Contractor (Trial Version) - JICA

Key Project Information – Cont`d

Package	JICA financed Rolling Stock Works
Applicable General Conditions	Part 3 ,Section VII of Standard Bidding Document For Procurement Of Electrical And Mechanical Plant And For Building And Engineering Works, Designed By The Contractor (Trial Version) - JICA
Eligible Countries for Procurement of Goods and Services	JICA ODA design-build guidelines
JICA Loan Agreement No	PH - P270
Defect Notification Period	Two (2) years for each train with a Taking-Over Certificate.
Bid Security	JPY 440,980,000.00 (Yen Four Hundred Forty Million Nine Hundred Eighty Thousand)
Bid Submission Materials	<ol style="list-style-type: none"> 1. One (1) original version of Bid (Hardcopy Format); 2. Five (5) additional hardcopies; 3. Two (2) digital copies in readable CD ROMs;
Completion of the whole of the Works	Fifty-Three (53) months from the Commencement Date to the issuance of the last Taking Over-Certificate
STEP Requirement	Ten (10) percent of Contract Price
Consumable Spare	For the maintenance work for 4 years initial operation including Semi-Overhaul.

3. Tender Submission

Procurement Timeline



Clarification Request

The bidder shall submit the clarification request to PS-DBM using the following email address:

bac4_cpns03 @ps-philgeps.gov.ph

The queries shall be written in the clarification template available in the attachment 1 to The Bid Data Sheet (Section II Bid Data Sheet, Part 1 – Bidding Procedures)

TEMPLATE FOR CLARIFICATIONS

THE MALOLOS – CLARK RAILWAY PROJECT AND THE NORTH SOUTH RAILWAY PROJECT-SOUTH LINE (COMMUTER)	
CP NS-03: ROLLING STOCK - LIMITED EXPRESS TRAINSETS	
Name of Prospective Bidder:	<i>[Insert name of prospective bidder]</i>
Date:	<i>[Insert date of submission of queries/comments]</i>

Item No.	Volume & Section No.	Page No.	Clause No. / Title	Reference Text <i>(if necessary)</i>	Clarification Request	Proposed Revised Text <i>(if any)</i>
1						
2						
3						
4						
5						

Request for Site Visit to Facilities in Mabalacat

Submit **Confirmation Form** via email at least **three (3) working days** before the desired date and time to BAC:

Mr. Joseph Conrad D Dueñas
The Chairperson
Bids and Awards Committee IV
Procurement Service
PS-DBM Complex,
RR Road, Cristobal Street,
Paco, Manila 10072
Philippines
Telephone No: (+63 2) 8-2906300; (+632)8-2906400
Email Address : bac4_cpns03 @ps-philgeps.gov.ph

A maximum of **8 representatives** per Bidder will be allowed to join the site visit.

Bidding and Evaluation

Below is the Bidding Process in order as defined :

- a) Registration of Bids
- b) Opening of Bids
- c) Examination of Bids
- d) Evaluation and Comparison of Bids:
 - STEP 1 – Preliminary;
 - STEP 2 – Technical;
 - STEP 3 – Commercial;
 - STEP 4 – Ranking;
- e) Invitation to the successful Bidder
- f) Contract Negotiations
- g) Finalization of Contract
- h) Contract Award
- i) Notification to Unsuccessful Bidders and Debriefing

Bid Evaluation Process

STEP 1 - Preliminary Examination of Technical Bids and Eligibility & Qualification of Bidders -

The three (3) items below will be evaluated to confirm the bidder's compliance with the requirements of the Bidding Documents:

- a) Pre-requisites and Compliance for the Rejection of Bids.
- b) Completeness and Responsiveness of the Technical Bids.
- c) Eligibility and Qualification of the Bidder. (per JICA Guidelines):
 - **Eligibility** - Nationality/Conflict of Interest/JICA Ineligibility;
 - **Historical Contract Non-Performance** - History of Non-Performing Contracts/ Pending Litigation/ Litigation History;
 - **Financial Resources** - Financial Performance, Average Annual Turnover, Financial Sources; and
 - **Experience** - General and Specific Experiences.

The evaluation of the items/sub-items will be on a PASS/FAIL basis.

Disqualification: If any of the items receives a FAIL, the Bidder will be automatically disqualified.

Key Qualifications

Key Qualification**		Criteria**
Eligibility of the Bidder	Nationality	Nationality in accordance with ITB 4.3.* [Ref: Item 2.5.1.1]
	Conflict of Interest	No conflicts of interest in ITB 4.2.* [Ref: Item 2.5.1.2]
	JICA Ineligibility	Not having been declared ineligible by JICA, as described in ITB 4.4.* [Ref: Item 2.5.1.3]

*Note – Refer to Volume I, Part 1, Section 3, EQC Item 2.5.1.

** The Bidding Documents will prevail in case of any discrepancy between this Table and the Bidding Documents.

Key Qualifications

Key Qualification**		Criteria**
Historical Contract Non-Performance	History of Non-Performing Contracts	Non-performance of a contract did not occur as a result of contractor's default since 1 st January 2019.* [Ref: Item 2.5.2.1]
	Pending Litigation	All pending litigation shall in total not represent more than fifty percent (50%) of the Bidder's net worth and shall be treated as resolved against the Bidder.* [Ref: Item 2.5.2.2]
	Litigation History	No consistent history of court/arbitral award decisions against the Bidder since 1 st January 2015.* [Ref: Item 2.5.2.3]

*Note – Refer to Volume I, Part 1, Section 3, EQC Item 2.5.2.

** The Bidding Documents will prevail in case of any discrepancy between this Table and the Bidding Documents.

Key Qualifications

Key Qualification**		Criteria**
Financial Standing	Financial Performance	The audited balance sheets or, if not required by the laws of the Bidder's country, other financial statements acceptable to the Employer, for the last five (5) years shall be submitted and must demonstrate the current soundness of the Bidder's financial position and indicate its prospective long-term profitability.* [Ref: Item 2.5.3.1]
	Average Annual Construction Turnover	Bidder must have Average Annual Turnover of Over US Dollars One Hundred Million (USD 100,000,000) calculated as total certified payments received for contracts in progress and/or completed within the last five (5) years, divided by five (5) years.* [Ref: Item 2.5.3.2]
	Financial Resources	Bidder must have minimum available finances of US Dollar Twenty-Four Million (USD 24,000,000) and adequate sources of finance to meet the cash flow requirements of the works.* [Ref: Item 2.5.3.3]

*Note – Refer to Volume I, Part 1, Section 3, EQC Item 2.5.3

** The Bidding Documents will prevail in case of any discrepancy between this Table and the Bidding Documents.

Key Qualifications

Key Qualification**		Criteria**
Experience	General Experience	Experience under contracts in the role of prime contractor (single entity or JV member), subcontractor or management contractor(i) for at least the last ten (10) years, from 1st January 2009.* [Ref: Item 2.5.4.1]
	Specific Experience	Bidder must have experience of two (2) similar contracts that have been satisfactorily and/or substantially completed as a prime contractor (single entity or JV member), or subcontractor between 1 st January 2009 and the Bid submission deadline.* [Ref: Item 2.5.4.2 (a)] Bidder must have experience designing, assembling, fabricating, supplying, testing, commissioning and delivery of four hundred (400) units of new passenger cars for trainset (EMU) which shall have been to at least two (2) countries in the list of G7 countries and in satisfactory revenue operation for at least five (5) years* [Ref: Item 2.5.4.2 (b)]

*Note – Refer to Volume I, Part 1, Section 3, EQC Item 2.5.4.

** The Bidding Documents will prevail in case of any discrepancy between this Table and the Bidding Documents.

Bid Evaluation Process

STEP 2 - Technical Evaluation – There are Nine (9) Items/Sub-items that will be evaluated based on Technical Appropriateness and Viability:

- a) Proposed Bid Program.
- b) Proposed Management Plan.
- c) Proposed Method of Work Implementation.
- d) Proposed Major Plant and Equipment.
- e) Proposed Subcontractors /Manufacturers for major items of the Plant and Installation Services.
- f) Outline of the Work Management Plan.
- g) Schedule of Performance and Specific Guarantee in accordance with the Employer's Requirements (ER).
- h) Supply Source of Major Spare Parts, Consumables and Special Tools, Jigs and Test Equipment.
- i) Japanese Content: Origin of Plant, Materials and Services.

Upon passing the technical evaluation, the tenderers shall be given **seven (7) calendar days** notice to attend the opening of the commercial bids.

Bid Evaluation Process

STEP 3 – Commercial Evaluation - There are four (4) items that will be evaluated using PASS/FAIL criteria. The Bidder's Financial and Commercial Background and Capability will be examined to ascertain the Reasonability, Balance, and the Correctness of the Bid Prices with the evaluated Bid Amount:

- a) The Preliminary Assessment of Bid Prices
- b) The Completeness and Responsiveness of Price Bids
- c) The Review of Forms
- d) The Quantifiable: Non-Material/Non-Conformities

The Evaluation team will examine and confirm the completeness of the following documents:

- a) Letter of Bid Price
- b) Schedule 1: Price Schedule
- c) Schedule 2: Table of Adjustment Data
- d) Schedule 3: List of Japanese Origin, Goods, Services and Major Components Procured From Japan

Disqualification: If any of the above documents or information is missing, the Bid will be rejected and will be disqualified.

Bid Evaluation Process

STEP 4 – Bid Ranking – The Bids will be ranked in an order of Evaluated Price Bid Amount with the following details:

Ranking	Bidder's Name	Evaluated Price Bid Amount
1 st		(1 st Lowest)
2 nd		(2 nd Lowest)
3 rd		(3 rd Lowest)

The Bidder which is ranked and determined to have submitted the **lowest evaluated Price Bid Amount (1st Ranking)** will be invited to participate in the contract negotiations with the Employer.

Unsuccessful Bidders will be officially notified. Debriefing of unsuccessful Bidders will not occur until the negotiations with the preferred Bidder have been concluded.

Any unsuccessful Bidder who wishes to ascertain the reasons for disqualification or the award will have the opportunity to seek a clarification provided that the Bidder requests an explanation to the Employer in writing.

4. Technical Requirements

Comparison With Other Rolling Stock Packages

Description	CP NS-02	CP NS-03	CP 03	CP 107
Signaling System	ETCS Level 2	ETCS Level 2	ETCS Level 2	CBTC
Radio System	GSM-R	GSM-R	GSM-R	Space Radio
Maximum Operational Speed	120 km/h	160 km/h	120 km/h	120km/h (viaduct sections) 80 km/h(tunnel sections)

Performance Requirement

Item	Technical Parameters Rolling Stock
Train Formation	To be proposed by the contractor
Car Dimension	Car Length: 19.5m, Body Width: 2.95m 8 car-set total weight 315 ton or less (tare)
Body material	Light weight stainless steel or aluminum alloy
Maximum Operational Speed	160 km/h
Acceleration / deceleration	Acceleration: 3.0 km/h/s (speed of 0~46km/h) Service deceleration: 4.2 km/h/s Emergency deceleration: 4.7 km/h/s
Gauge	Standard Gauge :1,435 mm
Passenger Capacity	Min 800 passengers (seating plus standees)
Door Type	Bi-Parting Plug In Sliding Door with 900mm opening as minimum.
Seat Type	Cross sectional arrangement with limited reclining function and changeable direction.

Performance Requirement – Cont`d

Item	Technical Parameters for Rolling Stock
Brake System	Regenerative - pneumatic combined brake
Propulsion System	1,500 V DC Overhead Catenary System VVVF Inverter
Air Conditioning / Heater	Roof top type
Passenger Information System	Public address system, visual information on LCD displays above doorways
Auxiliary Power Supply	1500 V DC Supply
Passenger Saloon Equipment	LED lighting, security camera (CCTV), Interphone between driver's cabin and passenger saloon. Indicator lights and chime (inside and outside) at opening and closing doors Wheelchair (free) space (All cars)
Communication with OCC	GSM-R (supplied by CP NS-01)
Signaling System	ETCS Level 2 (supplied by CP NS-01) with ATO
Station Door	Platform Screen Door (supplied by CP NS-01)

Interfaces

The contractor for the commuter trainsets will be required to interface with the following but not limited to:

- Signalling System (CP NS-01)
- Telecomm System (CP NS-01)
- Power Supply System (CP NS-01)
- Platform Screen Doors (CP NS-01)
- Track Works (CP NS-01)
- Overhead Catenary System (CP NS-01)
- CMMS System (CP NS-01)
- Depot Facilities (CP NS-01)
- Commuter Trainsets (CP NS-02)
- All the civil packages
- O&M Concessionaire for NSCR
- NSCR Commuter Trains (CP 03)
- NSCR E&M (CP 04)

Key Challenges

- Complete testing and commissioning particularly for Fault Free Running at the mainline during operation hours
- Delivery of the rolling stock to the depots (access road, obstacles, etc.)
- Ensure compatibility with NSCR rolling stock (CP 03) and E&M System (CP 04)
- Interfacing and coordination with other contractors
- Degree Completion of the Depot readiness to receive the rolling stock
- COVID-19 countermeasures

5. Common Bidding Mistakes

Clarification of Bids



Bidder submitted late responses to bid clarification requests



If a Bidder does not provide clarifications of its Bid by the date and time set in the Employer's request for clarification, its Bid may be rejected.



Bidder is reminded to provide clarifications of its Bid by the date and time set in the Employer's request for clarification

Determination of Responsiveness of Technical Bids



Bidder assumed documents submission during Bid Clarification is in compliance with ITB 33.1



The Employer's determination of a Technical Bid's responsiveness is to be based on the contents of the Bid itself, as defined in ITB 11.2 (SBD)



Additional requirements documents submitted during Bid Clarifications will not be considered

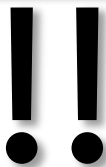
Alternative Bids



Bidder present the alternative bids to the Time for Completion of the whole of the Works or the sections



BID DATA SHEET (BDS)/C. Preparation of Bids/ITB 13.2
“Alternative Bids are not permitted”



Bidder is reminded not to present an alternative bids

6. Previously Asked Questions (PAQ)

PAQ: Purchase of Bidding Document

Q: For a Bidder bidding as a Joint Venture which is not yet constituted, is the payment required to be named after the JV?

A: The payment receipt for the purchase of the Bidding Documents can be named to any partner of the JV which is yet to be constituted.

PAQ: VISA Assistance

Q: Referring to VISA assistance, are prospective Bidders guaranteed for entry to the Philippines if they submit their request letter?

A: The visa assistance initiative by DOTr only aims to fast track a potential bidder's personnel's visa application. DOTr does not guarantee issuance of visa as this depends on DFA and the applicant. Follow ups may be done through the BAC Secretariat only.

PAQ: Target of Commencement Date

Q: Can the Employer provide the target Commencement Date of the Project?

A: DOTr targets the Commencement Date for packages CP NS-03 by first quarter of 2022..

Thank You