



General Bid Bulletin No. 17
27 July 2021

**THE MALOLOS-CLARK RAILWAY PROJECT AND THE NORTH-SOUTH RAILWAY
PROJECT SOUTH LINE COMMUTER PACKAGE CP NS-01: PROCUREMENT OF
ELECTRICAL AND MECHANICAL SYSTEMS AND TRACK WORKS (IFB No: 21-040-3)**

TO ALL PROSPECTIVE BIDDERS:

This General Bid Bulletin is issued to amend/clarify certain provisions in the Bidding Documents for the above-mentioned Project. Please refer to the attached Annexes of this General Bid Bulletin for details:

1. **Annex "A"** – Clarification to the Bidding Documents
2. **Annex "B"** – Addendum to the Bidding Documents with "**Attachment 1**"
3. **Annex "C"** – Not Applicable

All other portions of the Bidding Documents not affected by these revisions, amendments and/or clarifications shall remain unchanged.

Revisions/amendments/clarifications made herein shall be conserved as an integral part of the Bidding Documents of this Project.

For your guidance and information.

For the Bids and Awards Committee

SIGNATURE REDACTED

ENGR. JAIME M. NAVARRETE, JR
Chairperson

Annex A

PACKAGE CP NS-01: E&M SYSTEMS AND TRACK WORKS
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Item No.	Volume Section No. Page No. Clause No. / Title Reference Text	Clarification Request	Proposed Revised Text (if any)	Response
1	Volume II Section VI d) ERD , , GBB No. 12 Sheet 167 / 240 Drawing NSRP-DWG-S/B-PSS-0000 SUBSTATION CONNECTION (SS No.1), Operation transformer 750kVA 6.6kV/400-230-110V	In reference drawing of TSS No.1, one of two Operation Transformer is shown to connect to feeder line from next station (Tutuban). Please clarify the purpose of that connection.		The conceptual design is to support substation's auxiliary loads in the event of power outage to be supplied by the neighboring substation. The design should be further developed by the contractor during the design detail stage for approval of the Engineer.
2	Volume II Section VI d) ERD , , GBB No. 12 Drawing NSRP-DWG-*/*-PSS-2001 to 2013 SUBSTATION CONNECTION(SS NO.10 to 22), VCB 69.0kV-630A, 40kA /69.0kV-1000A, 40kA	Our understanding of value of short circuit current as 40kA is RMS value, not peak current which is occurred by in rush current at moment of VCB closing or by first major loop. Please clarify.		Please refer to the relevant standard regarding the definition. The short circuit current value must be determined by the contractor during the design detail stage complimenting the short circuit magnitude with the interrupting rating of the overcurrent protective device.
3	General Bid Bulletin No- 12, ERT-364, 1.1.2 Scope of supply, 5) Firefighting	GBB-12 asks for monitor, supervision & Control of FDAS control panel. But control of FDAS from		The Bid condition shall prevail.

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	<p>and Fire Suppression System Automatic Firefighting and Fire Suppression System inside the TSS building shall be provided by the other. To mitigate the major outdoor equipment's Contractor shall provide the suitable safeguards in accordance to the prescribe NFPA standards and/or equivalent. Fire Detection and Alarm System (FDAS) control panel installed in the substation shall be controlled, monitored and supervised by P-SCADA system in the OCC.</p>	<p>SCADA is not recommended because during any fire the controller has to be operated automatically.</p> <p>Kindly remove control of FDAS from P-Scada System.</p>		
4	<p>Vol 2, ERT-364 & ERT-415, 4.1.2 (5) & 4.1.2 (6), New clause added (as per GBB12): Fire Detection and Alarm System (FDAS) control panel installed in the substation shall be controlled,</p>	<p>P-SCADA can only monitor Firefighting and Fire Suppression system and not controlling. Please confirm Bidder understanding.</p>		<p>The Bidder's understanding is incorrect.</p>

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	monitored and supervised by P-SCADA system in the OCC.			
5	GBB12, Tender Drawing No, MCRP-DWG-C/M-PSS-2001 to MCRP-DWG-C/M-PSS-2013, 69kV Switchgear with 40 kA Short circuit capacity	As per our enquiry with our supplier, the maximum available Short circuit rating is 31.5kA, for Compact module type Metal enclosed 69kV Switchgear as per RFP Clause 4.4.1. If 40kA is mandatory, conventional GIS need to be supplied and not Compact module type Metal enclosed 69kV Switchgear. Accordingly, the 69kV Switchgear space requirements may change. We understand that Bidder has to consider and supply conventional GIS only for 69kV. Please confirm.		This is a design and build project. The contractor should substantiate the system fault-current value/rating during the detailed design stage prior to selection of applicable overcurrent protection/switchgear to be used and submit the proposal for approval of the Engineer.
6	GBB12, Tender Drawing No, MCRP-DWG-C/C-PSS-2114, SS.22 of MCRP line	As drawing MCRP-DWG-C/C-PSS-2114 removed in GBB-12, we still understand that, SS.22 is planned at-grade section. Please provide the revised drawing.		The revised drawing has been included. Please refer to Annex B.
7	GBB12, Tender Drawing No, NSRP-DWG-B/C-PSS-0118, SS.18 of NSRP line	As per drawing NSRP-DWG-B/C-PSS-0118, In GBB-12, we understand that, at SS.18 cable route, support structure arrangement along with any foundation requirement for EHV Cable river crossing will be provided by Civil works		The Bidder's understanding is incorrect. Cable route/support structures will be under the scope of the NS-01 contractor in coordination with interfacing parties.

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		contractor. Please confirm Bidder understanding.		
8	GBB 11, 1 of 13, 1, As per the requirement stated in the referred clause, Contractor needs to arrange for iii. Payment of Guarantee Cost and Connection Cost, which is required by electric companies upon entering into a contract to receive an electrical supply. iv. Any negotiations with electric companies regarding above shall be carried out by the Contractor Customer Response: The endorsement letter shall not be provided. The Bidder shall discover other means of acquiring related information from power supply providers.	Bidder has no other means of acquiring related information from power supply providers. Hence, bidder requests to clearly answer to the queries mentioned in subsequent points.		The Bid conditions shall prevail.
9	GBB 9, 12 of 43, 32, 1. Except for "no cost will be borne by the Contractor", the Bidder's understanding is	Please see clause 4.1.1 (2) of ERT 361 below: "Electric Companies MERALCO, PELCO III, SFELAPCO, AEC and CEDC (hereunder electric companies) power connection work where		The Bidder's understanding is correct.

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	<p>correct. Please refer to clause 4.1.1 2) of ERT 361 and clause 4.1.2 1) v of the ERT 363 concerning other work details including payment of fees.</p> <p>2. Clause revised. Please refer to Annex B.</p> <p>Supply and Installation of the metering device will be the scope of the utility provider. Clause 4.6.3 of ERT 449 has been revised. Please refer to clause 4.1.1 2) of ERT 361 and clause 4.1.2 1) v of the ERT 363 concerning other work details including payment of fees.</p>	<p>described in this ERT, the work shall include all arrangements and costs associated with new electric companies' power supply to each traction Substation (SS) to be installed under the contract. The work as described below shall be carried out by the Contractor.</p> <p>i. Construction of power receiving equipment including receiving Cable from 69kV VCT of electric companies within premises of each SS.</p> <p>ii. Procurement and installation of power cable from electric companies VCT box in each SS.</p> <p>iii. Payment of Guarantee Cost and Connection Cost, which is required by electric companies upon entering into a contract to receive an electrical supply.</p> <p>iv. Any negotiations with electric companies regarding above shall be carried out by the Contractor.</p> <p>v. All details of materials and construction work by the Contractor shall follow to electric companies' standards. "</p> <p>As per scope defined in referred clause 4.1.1 (2) of ERT 361 above, bidder understands the</p>		

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		<p>following: 1) the cost of complete scope outside the each SS boundary, i.e. from Electric Companies substation up to VCT box, will be borne by Electric companies and no cost to be borne by Contractor. 2) Scope of supply and installation of power cable from electric companies VCT box (located within premises of each SS) and Guarantee cost and Connection Cost fees are in bidder's scope. Please confirm. The same is the understanding for NSRP-South Section also.</p>		
10	<p>GBB 9, 12 of 43, 32, 1. Except for "no cost will be borne by the Contractor", the Bidder's understanding is correct. Please refer to clause 4.1.1 2) of ERT 361 and clause 4.1.2 1) v of the ERT 363 concerning other work details including payment of fees. 2. Clause revised. Please refer to Annex B. Supply and Installation of the</p>	<p>As per clause no. 4.1.2 (v) of ERT 363, "69kV feeder cables from the electric companies' substation to TSS of the Project will be provided and installed by electric companies. The Contractor shall coordinate with electric companies and other Interfacing Parties on the interface between the TSS and electric companies' substation. All the necessary works, equipment, materials, and fees for connection of the 69kV incoming feeders shall be borne by the Contractor. The Contractor shall liaise with</p>		<p>The Bidder's understanding is correct.</p>

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	<p>metering device will be the scope of the utility provider. Clause 4.6.3 of ERT 449 has been revised. Please refer to clause 4.1.1 2) of ERT 361 and clause 4.1.2 1) v of the ERT 363 concerning other work details including payment of fees.</p>	<p>electric companies regarding the provision of all connection details of the 69kV incoming cables."</p> <p>As per scope defined in referred clause 4.1.2 (v) of ERT 363 above, bidder understands the following:</p> <p>1) the cost of complete scope outside the each SS boundary, i.e. from Electric Companies substation up to VCT box, will be borne by Electric companies and no cost to be borne by Contractor.</p> <p>2) Scope of supply and installation of works/equipment/material from electric companies VCT box up to 69kV incoming feeder (both VCT and 69kV incoming feeder located within premises of each SS) and Guarantee cost and Connection Cost fees are in bidder's scope. Please confirm.</p> <p>The same is the understanding for NSRP-South Section also.</p>		
11	<p>Part I Section IV. Bidding Forms, BF - 255, Schedule 2: Table of Adjustment Data -</p>	<p>"The weightings (coefficient b, c and d) for each of the factors of cost shall be proposed by the Bidder in column (e), within the range specified</p>		<p>Yes, the weighting range in the column (f) is correct.</p>

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	Table A. Local Currency (LC) Bidder proposed weighting – For E&M Systems Works other than Track Works,	<p>in column (f)".</p> <p>The minimum range specified in column (f) adds up to 0.99 :</p> <p>A: 0.15 B: 0.13 C: 0.38 D: 0.33</p> <p>“The total weighting shall be equal to 1.00”. Therefore, the bidder can only allocate the remaining 0.01 to either coefficient b, c, or d.</p> <p>Please confirm if the minimum weighting range in column (f) is correct ?</p>		
12	<p>Part I Section IV. Bidding Forms, BF - 255, Schedule 2: Table of Adjustment Data - Table A. Local Currency (LC)</p> <p>Equipment PSA*2, *2: The Philippine Statistics Authority (PSA): Table 1- Construction Materials Wholesale Price Index (CMWPI) in the National</p>	<p>From the Philippine Statistics Authority (PSA) data, the CMWPI – item “Machinery and equipment rental” is flat from 2016 to 2021.</p> <p>0% movement was noted, and do not reflect the true economic situation.</p> <p>Please confirm the Bidder can apply the Construction Materials Wholesale Price Index</p>		<p>The bidder's request is rejected. Reference to the Section VII General Conditions, Article 13.8, if their source is in doubt, it shall be determined by the Engineer.</p>

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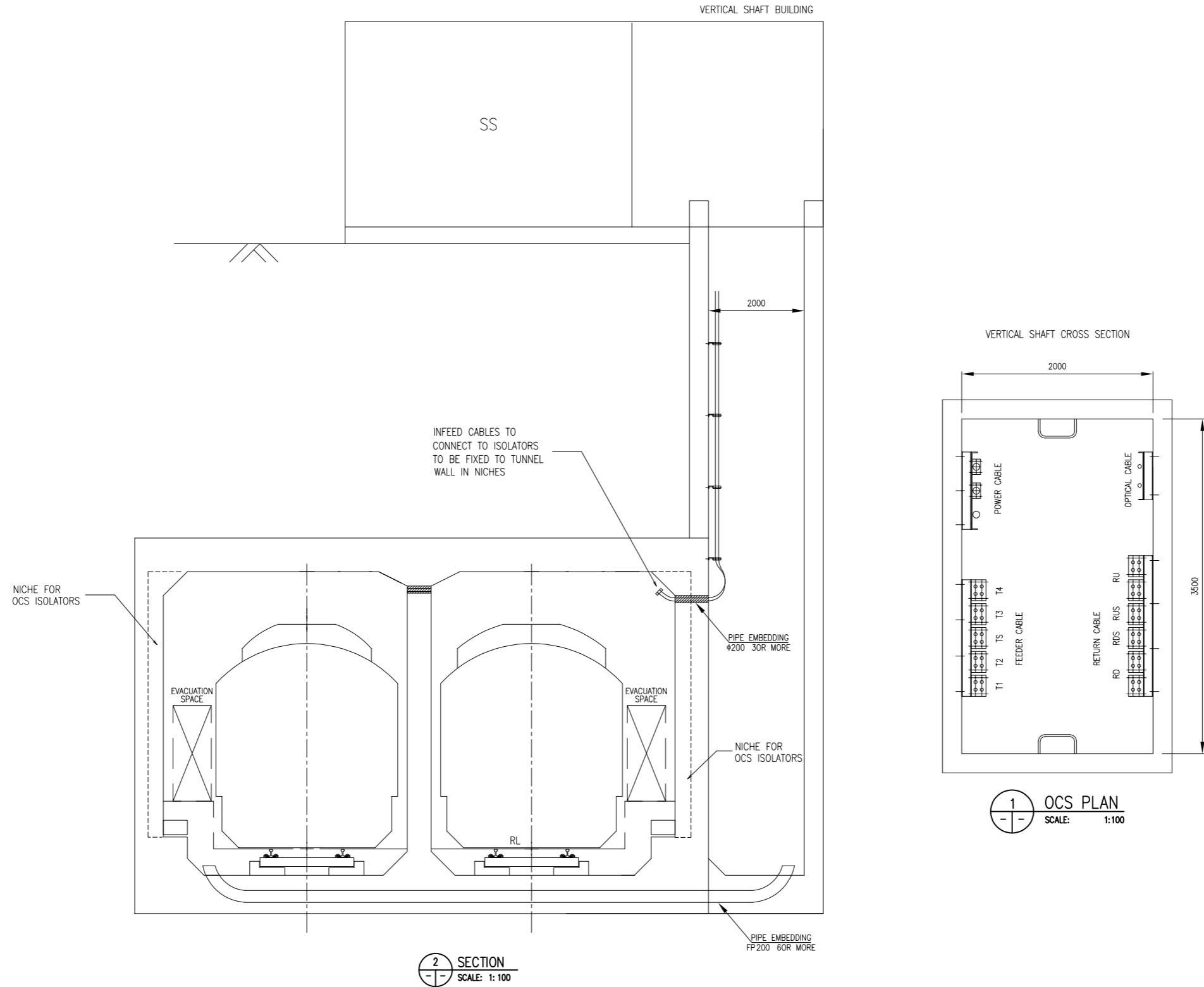
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	Capital Region (NSR), item "machinery and equipment rental". – based year 2012 = 100	(CMWPI) in the National Capital Region (NSR), item "All Items" for the "Equipment Index" in the table of adjustment data?		

Annex B

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ITEM NO.	REFERENCE/CLAUSE/ SECTION	REVISIONS / AMENDMENTS
Volume III Part 2 – Employer’s Requirements d) Employer’s Drawings		
1	GBB-12, Annex B, Item no.56	Revised Drawing Substation Section (SS No.22) Drawing No. MCRP-DWG-C/C-PSS-2114 sheet 31 of 40.

Annex B – Attachment 1



FOR REFERENCE

VERSIONS			CONSULTANT			MALOLOS - CLARK RAILWAY PROJECT (MCRP) NORTH SOUTH RAILWAY PROJECT-SOUTH (NSRP-SOUTH)		DATE
00	02 MAR 2021	ISSUED FOR REFERENCE	JICA DESIGN TEAM (JDT) ORIENTAL CONSULTANTS GLOBAL CO.,LTD. / JAPAN INTERNATIONAL CONSULTANTS FOR TRANSPORTATION CO.,LTD. KATAHIRA & ENGINEER INTERNATIONAL / TONICHI ENGINEERING CONSULTANTS, INC. PACIFIC CONSULTANTS CO.,LTD. / Tokyo Metro Co.,Ltd.			Package CP NS-01 : Bidding Documents		15 APRIL 2019
01	21 JUL 2021	OCS MODIFIED				TITLE: JDT DESIGNER: M.OGKUBO CHECK: T.MATSUMOTO TEAM LEADER: T.ISHIZUKA P. MANAGER: N.KAWAI		SCALE: AS SHOWN SHEET No. 31 OF 40 DRG No. MCRP-DWG-C/C-PSS-2114 DRG S. - REV 01
						SUBSTATION SECTION (SS NO. 22)		