



Republic of the Philippines  
Department of Budget and Management  
**PROCUREMENT SERVICE**  
**BIDS AND AWARDS COMMITTEE**



**General Bid Bulletin No. 6**  
05 July 2018

**NORTH – SOUTH COMMUTER RAILWAY (NSCR) PROJECT**  
**(MALOLOS – TUTUBAN)**  
**PACKAGE CP01: ELEVATED STRUCTURES, 7 STATIONS AND DEPOT**  
**(IFB No. 18-130-1)**

**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 Annex “A” for Answers to Queries from Prospective Bidders.

All other portions of the Bidding Documents affected by these revisions, amendments and/or clarifications shall be made to conform to the same.

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

For your guidance and information.

For the Bids and Awards Committee I

**ARIEL R. CUNANAN**  
Chairperson

*General Bid Bulletin No. 6*  
*Invitation for Bids No. 18-130-1*  
**North – South Commuter Railway (NSCR) Project**  
**(Malolos – Tutuban)**  
**Package CP01: Elevated Structures, 7 Stations and Depot**

North – South Commuter Railway (NSCR) Project (Malolos – Tutuban) Package CP01: Elevated Structures, 7 Stations and Depot		
ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST
General		
RESPONSE		
1		As there is ongoing construction in the area by other Contractors, could you kindly provide us and/or clarify the detailed plan drawing and design of NLEX Harbor Link Segment 10 and Segment 10.1, C-3 Road that will be along and at the same time crossing the proposed NSCR Line?
2		Shall we follow STANDARD SPECIFICATIONS FOR PUBLIC WORKS AND HIGHWAYS 2004 by DPWH, if something is not clearly stated in the requirements?
3		Please clarify. Are there any investigation reports regarding UXO along the PNR Right of Way (ROW)?
4		What are the requirements and the procedure when we find UXO along the PNR ROW?  Please clarify in detail.
5		Shall extension of time (EOT) be approved by the Engineer, if it affects the critical path on the Contractor's schedule?



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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
6		<p>Please clarify.</p> <p>About the requirement of at least 50% Japanese ownership in case the bidder is a joint venture, may we confirm if there is also a requirement pertaining to the procurement of construction related materials? If yes, how much would be the required "minimum Japanese ownership" of the supplier? And would this be applied also on the arrangement of construction insurance?</p>	<p>For the minimum Japanese Ownership of the construction related material supplier, please refer to Bidding Documents Volume I, Section V. Eligible Source Countries of Japanese ODA Loans (ESC) Articles (5), (6) and (7).</p> <p>For the arrangement of construction insurance, premiums paid out can be counted as Japanese origin only if the insurance company is Japanese and the beneficiary is Japanese.</p>
7		<p>1. Whenever a Form in Section IV, Bidding Forms (especially in accomplishing Forms FIN-1, FIN-2 and FIR-1), requires a Bidder to state a monetary amount, Bidders should indicate the USD equivalent using the exchange rate prevailing on the last day of the respective calendar year. Is the Bidder's understanding correct?</p> <p>2. In the Central Bank of the Philippines Website with an "Advisory" stating that: "The Online Interactive Statistics Database has been temporarily disabled due to technical issues. You may also use the following links to access historical data:..."</p> <p>Bidder would like to know which link in particular to use in locating/finding the exchange rate (selling rate) to be used in converting JPY to USD in relation to Forms FIN and FIR for USD Equivalent requirement.</p>	<p>1. Yes, the Bidder's understanding is correct.</p> <p>The following is added to Section III. Evaluation and Qualification Criteria (EQC) 4. Step 3: Financial and Commercial Evaluation as:</p> <p>"4.5 Exchange Rate for Qualification Criteria: Wherever a Form in Section IV, Bidding Forms, requires a Bidder to state a monetary amount, Bidders should indicate the USD equivalent using the rate of exchange determined as follows:</p> <p>a) For construction turnover or financial data required for each year – Exchange rate prevailing on the last day of the respective calendar year.</p> <p>b) Value of single contract – Exchange rate prevailing on the date of the contract.</p> <p>Exchange rates shall be taken from the publicly available source identified in Bid Data Sheet (BDS) 34.1 or, in case such rates are not available in the source identified above, any other publicly available source acceptable to the Employer. Any error in determining the exchange rates may be corrected by the Employer."</p>

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8		Bidder would like to know if the Contractor will still be required by the Employer to acquire a Special Contractor's license under PCAB to start his work? Or the Business license and SEC Certificate of registration are already enough to start his operation instead?	2. The Bidder's comment is correct. However, the source of exchange rate can be accessed through the Bangko Sentral ng Pilipinas (BSP, Central Bank of the Philippines) website link <a href="http://www.bsp.gov.ph/statistics/sdds/exchrates.htm">http://www.bsp.gov.ph/statistics/sdds/exchrates.htm</a>  The Philippine Contractors Accreditation Board (PCAB) license requirement is currently under review and this item may be discussed with the lowest evaluated substantially responsive Bidder during contract negotiations to resolve any outstanding issues.
<b>Volume I, Part I – Bidding Procedures</b>			
9	Section I, Page ITB-14, 19. Bid Security	Please confirm that each JV member can arrange its bid security with respective banks in an amount equivalent to its JV share under the name of the JV if the combined amount will meet the requirement.	No. There shall be only one Bid Security in the complete name of the Bidder for the full amount and currency specified in the BDS Instructions to Bidders (ITB) 19.1.
10	The Standard Bidding Documents for the Procurement of Works (version 1.1), published by JICA in October 2012 [JICA SBD], page ITB-15, ITB 19.2 Bid Security	<u>Reference:</u> <i>If the unconditional guarantee is issued by a financial institution located outside the Employer's Country, the issuing financial institution shall have a correspondent financial institution located in the Employer's Country to make it enforceable.</i>  Bidder would like to know if may the Employer accept the Bid Security is issued by Sumitomo Mitsui Banking Corporation whose head office is in Tokyo, Japan and has branch in Manila, Philippines or from Metropolitan Bank and Trust Company (Metrobank)?	Yes, the issuing bank may be Sumitomo Mitsui Banking Corporation, with the confirming bank in the Philippines being Sumitomo Mitsui Banking Corporation, Manila Branch, or any reputable financial institutions in accordance with ITB 19.2.
11	JICA SBD, page ITB-16, ITB 19.7 Bid Security	<u>Reference:</u> <i>The Bid Security of a JV shall be in the name of the JV that submits the Bid.</i>	No. There shall be only one Bid Security in the complete name of the Bidder for the full amount and currency specified in the BDS Instructions to Bidders (ITB) 19.1.



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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
12	Section II, Page BDS-3, ITB 14.7	<p>Bidder would like to clarify if each member of the Joint Venture (JV) can submit Bid Security separately under the name of the JV with the Security amount proportionate to each JV member's share of the works.</p> <p><u>Reference:</u> 1. <i>The Government of the Republic of the Philippines shall, by itself or through its executing agency, assume:....</i></p> <p>Bidder would like to clarify if the Social Security System and Philippine Health Insurance Corporation are not required for Japanese and/or Non Japanese personnel employed by Japanese Main Contractor.</p>	<p>The Social Security System (SSS) and Philippine Health Insurance Corporation (PhilHealth) are not required for Non-Filipino personnel employed for this project.</p>
13	Section II, Page BDS-3, ITB 14.7	<p><u>Reference:</u> 1. <i>The Government of the Republic of the Philippines shall, by itself or through its executing agency, assume:....</i></p> <p>Bidder understands that community tax is also exempted. Please kindly provide us the procedures of exemption.</p>	<p>Please refer to item 1 of Annex "A", General Bid Bulletin (GBB) No. 4.</p>
14	Section II, Page BDS-3, ITB 14.7	<p><u>Reference:</u> <i>all duties and related fiscal charges imposed in the Republic of the Philippines on the Japanese companies operating as suppliers and contractors with respect to the import and re-export of their own materials and equipment needed for the implementation of the Project</i></p> <p>Bidder would like to confirm there understanding with</p>	<p>1. (a) Please refer to item 1, sub-item 3(a) of Annex "A", GBB No. 4. (b) Payment of relevant Import Duty and Value-Added Tax(VAT) will be directly government to government (DOT to Bureau of Customs [BOC]). The Contractor will not need to make any pre-payment. The Contractor will carry out administrative activities such as preparation of Bill of Lading, Certificate of Official Importation, and Certificate of Undertaking, etc.</p>

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	<p>regards to Importation of Permanent Materials, and Import-Re-export of Temporary Equipment:</p>	<p>1. Permanent Importation:</p> <p>(a). Consignee is Employer?</p> <p>(b). Payment of relevant Import Duty and VAT will be through deferred payment between BOC and DOTR. Does the Contractor need not to do prepaid payment on Employer's behalf?</p> <p>(c). Based on our previous experience, the application for exemption of duties and taxes are to be done per shipment, however, due to the large volume of materials and equipment to be imported, the exemption procedure which usually took (one) 1 month for approval may have a negative impact for the construction schedule. May the Employer accept that instead of per shipment basis, the Contractor can apply and get approval for a master import list for the whole project identifying the possible materials and equipment to be imported? In addition, the same master list will be updated regularly for any additional items to be imported in the future.</p> <p>2. Temporary Import/re-export:</p> <p>(a). Consignee is Contractor?</p> <p>(b). Our understanding is during temporary importation, the Contractor will be required to post a surety bond equivalent to 150% of Duties and Taxes to BOC upon importation. Will the</p>	<p>(c) The procedure will be in accordance with the BOC regulations and this item may be discussed with the lowest evaluated substantially responsive Bidder during contract negotiations to resolve any outstanding issues.</p> <p>2.</p> <p>(a) Please refer to item 1, sub-item 3(b) of Annex "A", GBB No. 4.</p> <p>(b) Please refer to the relevant BOC procedures and regulations.</p> <p>(c) Please refer to the relevant BOC procedures and regulations.</p>



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		<p>employer allow that these bond requirement to Contract be waived to reduce our cost?</p> <p>(c). One of the requirement for Temporary Import scheme is that the Temporary Imported Equipment or material be returned to its point of origin. However, will the Employer accept to waive this requirement and allow the Contractor to return his temporary import Materials and Equipment to different destination other than his point of Origin?</p>	
15	<p>Section III, Pages EQC- 8, EQC-9 and EQC-15</p> <p>2.5.4 Experience Evaluation and Qualification Criteria</p> <p>5(5.2) Additional Key Activities not specified in EQC 2.5.4.2(b) Proposed Subcontractors</p>	<p><i>Reference:</i></p> <p><i>Additional Key Activities not specified in EQC 2.5.4.2 (b): Subcontractors for additional Key Activities must meet the following minimum criteria, herein listed for that Activity:</i></p> <p>1. Bidder would like to clarify if which of Bidder's understanding below is correct regarding the Key Activities requirement.</p> <p>(a) The 3 additional key activities listed on page EQC-15 are required to submit only when those key activities will be done by specialist subcontractor(s).</p> <p>(b) The requirement for 3 additional key activities on page EQC-15 need to be met by corresponding proposed subcontractor(s) while the 3 key activities listed in 2.5.4.2 (b) on page EQC-8-9 can be met by all parties combined.</p>	<p>1.</p> <p>(a) Yes.</p> <p>(b) Yes, if the Bidder is a JV.</p> <p>(c) Yes, if the Bidder is a JV.</p> <p>2. Yes, as long as it is notarized in the Philippines as a true copy.</p>

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		<p>(c) The total of 6 experience requirements of both 3 key activities listed in 2.5.4.2 (b) on page EQC-8-9 and the 3 additional key activities listed on page EQC-15 need to be met by all parties (including specialist subcontractor) combined.</p> <p>2. In any of above case, Bidder would like to clarify if a copy of Taking- Over Certificate, Performance Certificate or other equivalent document sufficient as EXP-2(b) attachment?</p>	
16	<p>Section III, Page EQC-12, 3.2 Detailed Evaluation Criteria</p> <p>Section IV, BF-10, Appendix 4.1: Proposed Bid Program</p>	<p><u>Reference:</u> <i>Proposed Design Submission Program</i></p> <p>Could you please specify which design works this is referring to?</p>	<p>Please refer to GS 100, Clause 110.2.</p> <p>GS 100, Clause 110.2 is revised to read as follows: “The Bidder shall submit, as a part of the Tender, in accordance with the Section IV Bidding Forms, (1) Design <u>Review Submission</u> Programme and (2) Works Programme xxx The Design <u>Review Submission</u> Program should take due account of the design co-ordination interface periods with other interface Contractors and be consistent with the Works Program.”</p>
17	<p>Section IV, Schedule 2, Page BF-26</p>	<p>Please provide price adjustment table for US Dollar, as it is not included.</p>	<p>The Bidder may refer to GBB No. 5 Item No. 5 attachment to Annex “C”, which states that “[...]if the Bidder wishes to quote in both Japanese Yen and United States Dollars then this table should be repeated for each currency.]”</p>
18	<p>Section IV, Page BOQ-15, BOQ Pay Item 208, Prestressing</p>	<p><u>Reference:</u> <i>BOQ Description: Prestressing Steel 15.2HTS...</i></p> <p><u>General Notes:</u></p>	<p><i>Volume 1A, Part 1 – Bill of Quantities</i></p> <p>Please refer to Annex “A” Item No. 40 of GBB No. 5.</p>



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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	Tendon  Book 1: Drawing Precast Segmental Construction, Drawing No. VIA00-BR01-ST- 0041, Prestressing Tendon  Book 2: Cast in situ Bridges, Drawing No. BR01-ST- 0041, Prestressing Tendon	<i>Tendons Nominal Diameter: 15.7mm</i>  The size of Tendon in the BOQ Pay item was described as 15.2mm however, referring to drawing General Note the diameter of the tendon is 15.7mm.  Bidder would like to request the Employer to kindly advise which diameter to be adapt both in the installation and quantity calculation for payment.	

*Volume II, Part 2 – Work Requirements*

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
19	Section VI, SOW, Page SOW-3, 1.7 Temporary Construction Yard	<p><i>Reference:</i> Temporary Construction Yards are to be provided by the Contractor for each package (CP01 and CP02) in order to use as material storage and fabrication.</p> <p><i>The Contractor can utilize the temporary yards of Tayuman Rd. (33,800m2) and Samson Rd. (39,600m2) as shown table 11.1.3. and figures 11.8.5 and 11.8.6</i></p> <p>Bidder would like to request the Employer to kindly provide which section the Bidder can find the information/details since Tables 11.1.3. and figures 11.8.5 and 11.8.6 are missing in the documents.</p>	<p>Please refer to GS 100, Clause 104.</p> <p>Section VI, SOW, Page SOW-3, Clause 1.7, 2<sup>nd</sup> paragraph shall be read as follows:            “The Contractor can utilize the temporary yards of Tayuman Rd. (33,800m2) and Samson Rd. (39,600m2) <del>as shown table 11.1.3. and figures 11.8.5 and 11.8.6.</del>”</p> <p>Please also refer to Annexes “D” to “F” of GBB No. 4.</p>
20	Section VI, Page GS-11, GS 103 Mobilization	<p>In the clause, "Site access will be made available by the Employer to the contractor on the date for Commencement of Works".</p> <p>Bidder would like to clarify what Site access means?</p> <p>Does site access means the ROW or access road to ROW?</p>	<p>"Site Access" means "Access to the Site" as per General Conditions (GC) Clause 2.1.</p>
21	Section VI, Page GS-11, GS 103 Mobilization	<p>In the clause, "The Contractor shall provide Site access to interfacing contractors CP03 and CP04 in accordance with the schedule of Key Dates as set forth in the Contract"</p> <p>Bidder would like to clarify what site access means?</p>	<p>Please refer to response to Item 66 of Annex "A" of GBB No. 5, "access" for each Key Date. For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.</p>



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22	<p>Section VI, GS 100, Page GS-23, GS108.2 Vehicles and Motorcycles for the Engineer's Inspectors</p> <p>Section VI, GS 100, Page GS-219, Appendix 5 Engineers and Employees Site Offices</p>	<p>Is this site access the simplified scaffolding for the workers of CP03 &amp; CP04 to the completed structures? <i>Reference:</i> <i>Vehicles and Motorcycles for the Engineer's Inspector</i> <i>Upon Completion... brand new SUV type Vehicles and Brand New Motorcycles for the use of Engineer's and Inspectors...</i></p> <p>Appendix 5 specify the requirement for Pickup truck instead of SUV Type Vehicle and no requirement for Motorcycles was provided.</p> <p>Bidder would like to clarify whether the required type of vehicle of Employer is 4x4 Pick up car and how many motorcycles including their cc is required.</p>	<p>4x4 Pickup is required.No motorcycles are required, please also refer to item 34 of Annex "B", GBB No. 4.</p>
23	<p>Section VI, GS 100, Page GS-26, 109 Works in the Vicinity of Existing Operating PNR</p>	<p><b>Remark: this is a correction of our Item No. 2 of RFC dated 04 June 2018</b> An existing operating PNR railway line runs between Tutuban and south of Solis. Alignment of existing railway relative to NSCR alignment is unclear, but they seem to overlap. If they do overlap, unless the existing line is relocated before commencement of the Works, construction will be very difficult, with a great impact on the construction period. Could you please provide more information?</p>	<p>Please refer to item 15 of Annex "A" of GBB No. 5.</p>

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
24	Section VI, GS 100, Page GS-41, 113.3.1 Method of Measurement	Utilities related work shall be measured as Provisional Sum. If actual cost exceeds the amount of Provisional Sum, how will the difference paid to the Contractor? Please clarify.	In accordance with GS 100, Clause 113.3.1, the utilities relocation is under the Scope of Works of the Employer. In case the cost exceeds the amount of Provisional Sum, the difference may be charged any relevant funding source.
25	Section VI, Page GS-67, GS118.7.4 Environmental Guarantee Fund	<p><u>Reference:</u>  <i>The Contractor Shall arrange with the Environmental Management Bureau for the setting up of the Environmental Guarantee Fund...</i></p> <p>Bidder would like to request the Employer to kindly advise the Guaranteed Amount to be issued by the Contractor and its duration.</p>	<p>The amount of deposit in the Environmental Guarantee Fund (EGF), the duration of operation and the organization of the EGF will be explained in a Memorandum of Agreement signed between the proponent and the Environmental Management Bureau (EMB). This has not been finalized at this moment.</p>
26	Section VI, GS 100, Page GS-75, 120.3.1 Engineer's Response Period	<p><u>Reference:</u>  <i>The Engineer's response to the submission will be made within twenty-eight (28) calendar days of receipt of the submission [...]</i></p> <p>The Contractor is concerned with the very tight schedule with contractual milestones. As per this clause, the Engineer has the right to utilize 28 days for his normal review. The Contractor believes this is not reasonable, considering the overall package.  For the success of the project, please kindly reconsider this period from 28 days to 14 days.</p>	<p>No. Please refer to item 19 of Annex "A" of GBB No. 5.</p>

Proposed Text:  
*The Engineer's response to the submission will be made within fourteen (14) calendar days of receipt of the submission [...]*



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<b>ITEM NO.</b>	<b>REFERENCE CLAUSE/ SECTION</b>	<b>CLARIFICATION REQUEST</b>	<b>RESPONSE</b>
27	Section VI, GS 100, Page GS-80, 121.6 Level of Detail to be Modelled in BIM	<i>Reference:</i> Level of detail to be modelled in BIM may be referred to CIM User Guideline of MLIT (Ministry of Land, Infrastructure and Transport) of Japan and should be fit for purpose of the BIM models.	Please note that the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) of Japan has both User Guideline for Building Information Management (BIM) and Construction Information Model (CIM). LOD values are available and clearly stated in the CIM User Guideline of MLIT of Japan.
28	Section VI, GS 100, Page GS-89, 125 Liaison with Others	<i>Reference:</i> The Contractor shall make all necessary arrangements with and obtain all necessary approvals from Government departments, utility agencies and other relevant/competent authorities.  It is our understanding that the Contractor has the obligation to coordinate meetings (to obtain necessary approvals) with clients/engineers, but any cost that will occur due to unpredictable application/ approval issues, will not be covered/paid for. Please clarify.	Also, LOD shall be fit for purpose as mentioned in GS. Details may be proposed by the Contractor and approved by the Engineer.  All costs associated with liaison with others are deemed to be included in the Contract Price.
29	Section VI, GS 100, Page GS-91, 126.3 Standardization of E&M Elements	<i>Reference:</i> The Contractor shall coordinate with the other Interface Contractors undertaking civil works [...]  Does this mean that standardization between CP01 and CP02 is required? Please clarify.  If yes, it is impossible to consider required standardized manufacture and suitable cost during bidding period, due to lack of information. It is our understanding that price	Bidders shall follow the specifications.

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30	Section VI, GS 100, GS-179 to GS-217, Appendix 4 - Contractor's Interface Co-ordination with Others	adjustment is required. Please clarify. As per the Contractor's Interface table, many Interface Items are required under "Supply" and "Fix" by CP01, however there is no information (such as drawings, bill of quantities and specifications) that cover such interface works.	Please refer to Appendix 4 No. 1 Clarification of Design Supply and Fix Items in GS 100, Page GS-180 and the last paragraph in Page GS-217.
31	Section VI, GS 100, Page GS-219, Appendix 5 1.0 - Office buildings	Please advise how the Contractor shall estimate these. <u>Reference:</u> <i>For CP01: 48 + 10 People</i>  <i>Provision for supply and maintenance:</i> <i>1) Utilities i.e. water electricity; sanitary; mobile telephones and fixed phones</i>  In the case of Mobile Telephone, may the Bidder understand that all 48+10 People will be provided mobile phone?  If yes, is there any preference of the type of unit, and can the Employer put a cap on the fee of usage?	The type of unit and any other requirement is for approval of the Engineer.
32	Section VI, TS 200, Page TS200-43, 202.3.2 Removal of Existing Bridges, Culverts, Concrete Box Culverts, and other Drainage	There are temporary structures, bridge and access road put up by Segment 10 and Segment 10.1 Contractors. We understand that said Contractors will restore the Site and remove such temporary structures before the turn-over of the Site.  Is our understanding correct?	Please refer to GS 100, Clause 103.



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33	Structures Section VI, Page TS200-81, TS200 and BOQ 204(2)	Pay Item no. 204 (2) for Borehole is provided in the TS, however, there is no description on the length and type of test to be conducted with these boreholes.  May we request the Employer to advise the length of drilling to be conducted for each hole and what are the test that needs to be conducted?	Refer to TS200 Clause 204.5.2.2 for the requirements of the Geotechnical Works (Boring Test). Please also refer to item 57 of Annex B of GBB No. 4 for the revision of TS200, Clause 204.5.2.2.
34	Section VI, Page TS-200-131, 206.6.1 General, Concrete Details Book I, Drawing No. V100-ST-0402,0412&0432	There are discrepancies between Specification and Drawing. Bidder would like to clarify which is correct:  In the clause he temperature of the concrete mixture immediately before placement shall be between 10°C and 30°C, except as otherwise provided herein.  However in the following drawing number V1A00-ST-0402, 0412 and 0432 the maximum concrete placement temperature is at 24°C for 40Mpa.	24°C is specified in drawing for particular part of structures. TS specifies the range of 10°C ~ 30°C, and also states "except as otherwise provided herein", hence there is no discrepancies. Hence, there are no discrepancies.  Notes in Drawing to be followed.
35	Vol. II, Part 2, Section VI, TS200, Page TS200-183 Vol. II, Part 2, Section VI, 3. Drawings, Book 1 of 11, Page CP01-B1-031	The drawing specifies that ASTM Grade 75 reinforcing bars of 40mm diameter shall be used for bored piles, but ASTM has no standard for 40mm diameter. In a case like this, when rebar diameter is changed during execution, will payment for reinforcing steel be based on weight (mass)?	Any rebar diameter change, if any, shall be subject to approval of the Engineer.  Also, refer to unit for reinforcing steel mentioned in the Bidding Forms (Bill of Quantities).

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE																			
36	Section VI, TS 200, Pages TS200-414 and TS200-420, 229.2 Types of Precast Concrete Parapet Wall	<i>Reference:</i> The installation position of the type A precast concrete parapet wall is as shown in Appendix Table A-1. The position of the type A should be more than length indicated Table A-1. The position of the type B should be applied except type A extends.  The length of Type A is shown in Table A1-1, but there is no BOQ Item for Type A.  Please clarify.	Page BOQ-18 is revised as follows: <table><tr><td>229(1)</td><td>Parapet Wall Type A</td><td>1.m.</td><td>9,080.00</td></tr><tr><td>229(2)</td><td>Parapet Wall Type B</td><td>1.m.</td><td>41,635.00</td></tr><tr><td></td><td></td><td></td><td>50,715.00</td></tr></table> Page No. TS200-419 of TS 200, Table in Clause 229.8.2 is revised as follows: <table><tr><td>229(1)</td><td>Parapet Wall Type A</td><td>Linear meters</td></tr><tr><td>229(2)</td><td>Parapet Wall Type B</td><td>Linear meters</td></tr></table>		229(1)	Parapet Wall Type A	1.m.	9,080.00	229(2)	Parapet Wall Type B	1.m.	41,635.00				50,715.00	229(1)	Parapet Wall Type A	Linear meters	229(2)	Parapet Wall Type B	Linear meters
229(1)	Parapet Wall Type A	1.m.	9,080.00																			
229(2)	Parapet Wall Type B	1.m.	41,635.00																			
			50,715.00																			
229(1)	Parapet Wall Type A	Linear meters																				
229(2)	Parapet Wall Type B	Linear meters																				
37	Section VI, TS 500, Page TS500 -126, 513 Insulated Metal Panels	<i>Reference:</i> The works in this section shall consist of the manufacture/ supply, delivery and installation onsite of insulated metal panels (using non-combustible rigid foam board insulation, 2-hour fire-rated and self-extinguishing), including all anchorage provisions, in accordance with this Specification and in conformity with the Drawings or as established by the Engineer.  The non-combustible rigid foam board insulation specified for the composite roofing panel is Polyisocyanurate (PIR) with a density of 32 – 35kg/m3.  However, this material only gives a 1-hour fire rating.  Kindly advise if 1- hour fire rating is acceptable or alternatively, please specify a supplier which produces	TS 500, Clause 513.1 is revised to read as follows: “The works in this section shall consist of the manufacture/ supply, delivery and installation onsite of insulated metal panels (using non-combustible rigid foam board insulation, 2-hour fire-rated insulated metal panels, using self-extinguishing non-combustible rigid foam board insulation), including all anchorage provisions, in accordance with this Specification and in conformity with the Drawings or as established by the Engineer.”																			



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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
38	Section VI, TS 500, Page TS500 -126, 513 Insulated Metal Panels	PIR material with 2 – hour fire rating  <i>Reference:</i> <i>The works in this section shall consist of the manufacture/ supply, delivery and installation onsite of insulated metal panels (using non-combustible rigid foam board insulation, 2-hour fire-rated and self-extinguishing), including all anchorage provisions, in accordance with this Specification and in conformity with the Drawings or as established by the Engineer.</i>	TS 500, Clause 513.1 is revised to read as follows: “The works in this section shall consist of the manufacture/ supply, delivery and installation onsite of insulated metal panels (using <del>non-combustible rigid foam board insulation</del> , 2-hour fire-rated <u>insulated metal panels, using self-extinguishing non-combustible rigid foam board insulation</u> ), including all anchorage provisions, in accordance with this Specification and in conformity with the Drawings or as established by the Engineer.”
39	Section VI, TS 600, Missing drawings	Refrigerant pipe layout drawings with AC outdoor unit layout are missing from bidding drawings. Please provide them for our pricing.	Please refer to all drawings related to Air Conditioning Plans, layouts and details in blowup drawings.
40	Section VI, TS 600, Page TS600-24, TS600 List of acronyms and definition of terms	“Spare parts “requirement for each category is not specified clearly. If the Contractor is required to include those cost within TS600 scope of work, please specify requirements for our pricing.	For “spare parts” requirements, please refer to relevant clauses in the Bidding Documents, Clauses 601.4.1, 619.1.2, 621.3.9, 623.1.2 of TS600.
41	Section VI, TS 600, Page TS600-42, 601.4 Measurement and	“Lump Sum” price is required for mechanical works; however, we understand this project is “construction as per drawing”, not “Design and Build contract”.	The list of spares should be contained within the O&M manuals , including the schedule of component change out / repair.” Please refer to Particular Conditions (PC) 14.1 and the Bill of Quantities (BOQ) Preamble.

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	Payment	Please advise how the Contractor can claim progress payment during the construction period, as no clear payment mechanism is described.	
42	Section VI, TS 600, Page TS600 -155, 613.3.4 Duct Testing 3)	Please clarify the method or standard for the duct leak test.	The Contractor shall submit its proposal for methodology and procedures for the conduct of the duct leak test for approval by the Engineer with reference to TS 600, Clause 613.3.4 and relevant clauses in the Contract.
43	Section VI, TS 600, Page TS600 -233, 621.2.1 2) Additional Features	Please indicate the details of "Sound isolation features".	The Contractor shall submit its proposal for approval by the Engineer with reference to TS 600, Clause 621.2.1 and relevant clauses in the Contract.
44	Section VI, TS 600, Page TS600 -233, 621.2.5 Wiring	The title does not match the content. Please clarify.	This section pertains to the control wiring functions of the elevator car and the landing terminals. Please follow the content of the Technical Specifications.
45	Section VI, TS 600, Page TS600-265, 625 Fire Detection and Alarm System	Please clarify the demarcation between this clause and clause 710 AUTOMATIC FIRE ALARM SYSTEM EMERGENCY PUBLIC ADDRESS SYSTEM on page TS700 - 251.	Section 625 Fire Detection And Alarm System of TS 600 and Section 710 Automatic Fire Alarm System/Emergency Public Address System of TS 700 both pertain and refer to the same equipment system. The Fire Alarm and Detection System (FADS) consists of partly Mechanical and partly Electrical system components in scope of work and functionality. Hence, both the TS (600 and 700) documents contain and include their basic system requirements and criteria accordingly. Interface works should be clearly defined and coordinated between the electrical and mechanical works.
46	Section VI, TS 600, Page	Please clarify the demarcation between this clause and clause 713 BUILDING MANAGEMENT SYSTEM on	Section 626 Building Management System of TS 600 and Section 713 BMS of TS 700 both pertain and refer to the same equipment



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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	TS600 -272, 626 Building Management System	page TS700 - 273.	system. The Building Management System (BMS) consists of partly Mechanical and partly Electrical system components in scope of work and functionality. Hence, both the TS (600 and 700) documents contain and include their basic system requirements and criteria accordingly. Interface works should be clearly defined and coordinated between the electrical and mechanical works.
47	Section VI, TS 600, Pages TS600 -272 to TS600 -277, Clauses 626.1, 626.2.5, 626.2.2.1	<u>Reference:</u> <i>The BMS shall be designed that enable to monitors and controls specific equipment and devices that is to be installed within the stations and depot area.</i>  There is no BMS drawing in bidding documents and BMS specification is as per on the left.	The Contractor's understanding that BMS for each Station and Depot is under CP01 scope of work is correct.  Please refer to BMS System Diagram drawings available in all stations and depot area. For example, for Valenzuela Station, Electrical BMS System Diagram drawing number is NSCR-DWG-VAl-EL-5191.
48	Section VI, TS 600, Page TS600-277, 626.2.5 LAN and Communication Network	We understand BMS for each Station and Depot is under CP01 scope of work, but overall network structural cable system between related facilities are provided by Others. Please clarify.  If these are also CP01 scope of work, the Contractor requests design drawings which cover the overall system and/or bill of quantity for our proper pricing.  Please provide related drawings for our pricing.	Regarding the overall network structure cable system, this is an interface requirement among Contractors. For details please refer to GS 100 Clause 126 and Appendix 4.  The Contractor shall submit its proposal for approval by the Engineer with reference to TS 600, Clause 626.2.5 and relevant clauses in the Contract.
49	Section VI, TS 600, Page	Regarding FAT, are there any attendance requirements for the Employer and the Engineer?	The Contractor shall submit its proposal of acceptance criteria, methodology and procedures for approval of the Engineer with

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	TS600-287, 626.3.9 Factory Acceptance Test (FAT)	If required, please indicate the attendance details.	reference to relevant clauses in the Contract.
50	Section VI, TS 600, Page TS600-288, 626.3.15 Integrated Testing and ...	Please provide details of interface requirements for our pricing.	The Contractor shall submit its proposal of acceptance criteria, methodology and procedures for approval of the Engineer with reference to relevant clauses in the Contract.
51	Section VI, TS 700, Page TS700-16, TS700 List of acronyms and definition of terms  TS705.4.20 List of spare parts recommended for service requirements	“Spare parts “requirement for each category is not specified clearly. If the Contractor is required to include those cost within TS700 scope of work, please specify requirements for our pricing.	For “spare parts” requirements, please refer to relevant clauses in the Bidding Documents, Clauses 701.4.2, 705.4.20 of TS 700.  The list of spares should be contained within the O&M manuals , including the schedule of component change out / repair.
52	Section VI, TS 700, Page TS700 -35, 701.4 Measurement and Payment	“Lump Sum” price is required for mechanical works; however, we understand this project is “construction as per drawing”, not “Design and Build contract”.  Please advise how the Contractor can claim progress payment during the construction period, as no clear payment mechanism is described.	Please refer to PC 14.1 and the BOQ Preamble.
53	Section VI, TS 700, Page TS700-270, 712.3.1	Regarding earthing system, HV switchgear, engine generator and power transformer, which are out of scope, are stipulated as equipment that shall	These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4.



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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	General 3)	be connected to. Please clarify the location and SOW.	
54	Section VI, TS 700, Page TS700-289, 714.1.6.4 Engine Generator and Automatic Transfer Switches	Engine generator, ATS and HV/Sg are out of our scope, however, those are specified in this clause. Please clarify.	These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4.
55	Section VI, 3. Drawings, Book 1 of 11 Viaduct, From Page CP01- B1-008, Typical Sections Sheet	According to the drawings of Viaduct Typical Sections Sheet, there is a "Protective Concrete Layer" on the bridge deck. Could you kindly advise the construction procedure, and whether Track slab or Protective concrete layer comes first? Is the Track slab done by the CP04 Contractor? If Track slab comes before the Protective concrete layer, and Track slab is done by CP04, when will the CP04 Contractor finish the construction of Track slab? We are not sure when the CP04 Contractor will commence the work. Could you please kindly confirm whether Key date KD13 includes the completion of the Protective concrete layer or not?	KD13 is to complete the viaduct/embankment including parapets and provision of access to allow CP04 to complete their works, hence if any works should be done after CP04 Contractor's works, the same shall not be included in KD13.  For details of interface requirements among Contractors, refer to GS 100 Cl. 126 and Appendix 4.
56	Book I, Drawing No. VIA00-ST- 0066~0072	Bidder would like to clarify if the R.O.W described in the tender drawings mean the Construction Limit line?	For information on the Right of Way, please refer to all Viaduct GADs.  The Parcellary Survey shall be provided after contract award and when access to, and possession of the Site is given to the Contractor.  Please also refer to GS 100, Clause 103.
57	Book I: Drawing Precast Segmental	<i>Reference:</i> <i>Permanent Works Tendons:</i>	Freyssinet or equivalent is acceptable. Please refer to TS200, Clause 208.1.2.

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
58	Construction, Drawing No. VIA00-BR01-ST-0041, Prestressing Tendon  Book 2: Cast in situ Bridges, Drawing No. BR01-ST-0041, Prestressing Tendon	2.1 The Bridge Superstructure has been detailed for the Freyssinet Post Tensioning System  To allow fair competition for the Post Tensioning System and other PC works, Bidder would like to know if the Employer may accept to use other equivalent Post Tensioning System other than Freyssinet/VSL?	
59	Section VI, 3. Drawings, Book 3 of 11, Such as Page CP01-B3-080	Reference: <b>SOIL IMPROVEMENT RATE=30%</b>  What does the expression "SOIL IMPROVEMENT RATE=30%" mean? Either: 1) the strength of each column shall be decreased to 30% of strength in the requirements. 2) spacing of the columns will be adjusted to cover more than 30% of the area to be improved, but at the same time the strength of columns shall be maintained as stated in the requirements. Please clarify whether the Engineer intends to specify item 1) or 2) above.	The Contractor's understanding for soil improvement rate mentioned in reference item 2) is acceptable. However, the details shall be submitted to the Engineer for its approval before work execution.
59	Section VI, 3 Drawings, Book 1 of 11, Drawing No. CP01-B1-030  Section VI,	Reference: <b>PILE TEST</b> <b>3. PDA TEST SHALL BE CARRIED OUT [...]</b>  High Strain Pile integrity test shall be carried out on 10% of the piles in accordance with the requirements of	Please refer to Item No. 49 of "Annex B" of GBB No. 04.

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	TS 200, Pages TS 200-67 and TS 200-82, 204.2.7.3 Integrity Tests	<p><i>ASTM D4945.</i></p> <p>PDA is specified as High-Strain Pile Integrity Testing. However, no Pay Item for High-Strain Pile Integrity Testing is shown in the table on page TS200 - 82. Furthermore, it does not seem to appear in the BOQ either. How shall the payment be done for High-Strain Pile Integrity Test (PDA)? Please clarify.</p>	
60	<p>Section VI, 3 Drawings, Book 1 of 11, Drawing No. CP01-B1-030</p> <p>Section VI, TS 200, Pages TS 200-67 and TS 200-82, 204.2.7.3 Integrity Tests</p>	<p><i>Reference:</i></p> <p><b>PILE TEST</b></p> <p><b>3. PDA TEST SHALL BE CARRIED OUT [...]</b></p> <p><i>High Strain Pile integrity test shall be carried out on 10% of the piles in accordance with the requirements of ASTM D4945.</i></p> <p>Regarding the number of PDA tests, on page TS200 - 67, tests are required to be performed on 10% of the piles.</p> <p>However, the department order No.37 Series of 2016 by DPWH clearly states that: "As a minimum requirement for bridge projects, one (1) bored pile shall be tested representing each pile size and where there is significant difference in foundation materials. For multi-span bridges, tests shall be conducted one (1) at each abutment and one (1) at every other pier."</p> <p>Please clarify whether we can follow the requirements of the project despite the above department order.</p>	Please refer to Item No. 49 of "Annex B" of GBB No. 04.

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
61	Section VI, 3 Drawings, Book 1 of 11, Page CP01-B1-169	<i>Reference: 3. Permanent Works Tendons 2.1 The bridge superstructure has been detailed for the Freyssinet post-tensioning system.</i>	Freyssinet or equivalent is acceptable. Please refer to TS200, Clause 208.1.2.
62	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-014	Regarding fireproof treatment, please give us the fire compartment drawings for identification.	Regarding fireproof treatment, it is necessary to compartment by wall and ceiling for each room. The Contractor shall follow all requirements of codes/standards and applicable laws in the Philippines for such requirements.
63	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-055	Regarding signage, please provide electrical drawing(s) that cover power supply and control system for the required signage, and also clarify the demarcation of work between architectural work and electrical work for our proper pricing. (In common with other stations)	Only the casing is an architectural work and the rest are electric works. Please follow the relevant drawings and relevant clauses in Technical Specifications in the Bidding Documents.
64	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Pages CP01-B4-201 and CP01-B4-204	The primary cable of MDB is under our scope and shall be connected to the power distribution board which belongs to another package. Please provide the location of the power distribution board and secondary feeder cable route for MDB under CP01 scope, and the relationship between the power distribution board and switch gear indicated on the layout Plan for our proper pricing. (In common with other stations)	These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4.
65	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page	Please give us the location of FAAP at the platform level and please clarify whether any restriction of operation panel, ex. Cover etc., is required if located in public. (In common with other stations)	The location of Fire Alarm Annunciator Panel (FAAP) at the platform level is clearly shown in the drawings. For requirements of specifications, please refer to TS 600 page TS-268 and other relevant clauses.



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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
66	CP01-B4-229 Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-232	Please clarify the SOW of the interface between FIRE SYSTEM CONTROL and FIRE ALARM through SCADA, and indicate the location of FIRE ALARM to connect. (In common with other stations)  If those are under CP01 scope of work, the Contractor requests related drawing and bill of quantities for our proper pricing.	These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4.
67	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-232	Please clarify the SOW of the interface between FIRE SYSTEM CONTROL and RAILWAY SYSTEM through SCADA, and indicate the location of RAILWAY SYSTEM to connect for our proper pricing. (In common with other stations)	These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4.
68	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-239	Please clarify the fresh air flow route to the HALLWAY and COMMON ROOM for secondary supply to next room.	Electrical Room is supplied directly through the outer wall gully with fire dampers.
69	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-240	Please clarify the fresh air flow route to the HALLWAY for secondary supply to next room. (In common with other stations) Especially, ELECTRICAL ROOM needs big air volume through wall mount air louver.	The fresh air flow route is clearly shown on the drawing. Please refer to relevant drawings in the Bidding Documents. Electrical Room is supplied directly through the outer wall gully with fire dampers.
70	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-240	Please clarify the sound attenuator treatment for wall mount air louver at ELECTRICAL ROOM.	The fresh air flow route is clearly shown on the drawing. Please refer to relevant drawings in the Bidding Documents. Please follow the drawings and Technical Specifications in the Bidding Documents.
71	Section VI, 3	Please confirm that no requirement of drain pan or	The Contractor should implement, execute and assure good quality

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-244	leakage sensor at the no-living room such as COM, COM UPS, AFC UPS ROOM is given.  If required, please provide required rooms and specification for our pricing.	and workmanship on the piping installation for all the Ventilating and Air Conditioning (VAC) equipment. For any improvement if necessary during project implementation, the Contractor shall submit its proposal for approval of the Engineer.
72	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-245  and  Section VI, TS 600, Page TS600 -143, 611.1  The Work	Please clarify the specification of Precision grade A/C units and where it shall be located. (In common with other stations)	Precision-grade A/C units are for highly-sensitive electronic equipment rooms as determined necessary and are indicated on the drawings, designated as PACW instead of ACW, the conventional type A/C wall-mounted unit. Precision A/C units are being specified for a more accurate, reliable and close T/H, temperature and humidity control and could work 24/7 non-stop all-year-round.  Specifications of Precision-grade A/C units shall be proposed by the Contractor and its suppliers for approval of the Engineer. Those specifications should be fit for purpose as mentioned above.
73	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-248	In the fan schedule, total static pressure is specified. Please kindly give us the external static pressure, calculated in the total static pressure. (In common with other stations)	Please follow the drawings and relevant Technical Specifications in the Bidding Documents.
74	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-251	Please clarify the piping shall be installed in the lining space between walls, not in the wall.	Piping will be installed embedded in walls as shown in the details of Section VI, 3 Drawings, Book 4, Drawing Page No. CP01-B4-251.
75	Section VI, 3 Drawings, Book 4 of 11	Please clarify the SOW of incoming piping and connection point of water. (In common with other stations)	For SOW, please refer to relevant clauses in TS-600 and TS-700 as well as Plumbing – Schematic and Isometric drawing, Sanitary - Pipework Schematic drawing and other related drawings of each



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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	Stations (1/3), Page CP01-B4-253		stations. Also, the Contractor shall secure necessary permits and fees to local water service provider for service connection up to station's main water meter.
76	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-260	Please clarify whether fume stack from STP is required or not. If required, please provide drawing for proper pricing. (In common with other stations)	The Contractor shall submit its proposal for fume stack with its price for approval of the Engineer.
77	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-261	Please provide fume stack layout indicate where to be discharged for proper pricing. (In common with other stations)	The Contractor shall submit its proposal for fume stack with its price for approval of the Engineer.
78	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-264	Please provide the drainage indication from water receiver tank, fire water tank and pump for our pricing. (In common with other stations)	Refer to Plumbing – Water Tank Plan Drawing and related drawings for drainage indication. The Contractor shall submit its proposal for approval of the Engineer before work execution.
79	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-295	WC is allocated above water receiver tank. Please clarify whether any water leakage treatment is required or not.	Also, please be noted that overflow pipes from domestic water and fire water tanks should directly connect to the nearest catch basin. Yes, it is required. The Contractor shall submit its proposal for approval of the Engineer before work execution.
80	Section VI, 3 Drawings, Book 4	In the architectural drawing, lining wall is indicated, however there is no clear detail drawing provided.	Piping will be installed embedded in walls in the details shown Section VI, 3 Drawings, Book 4, Drawing Page No. CP01-B4-516.

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<b>ITEM NO.</b>	<b>REFERENCE CLAUSE/ SECTION</b>	<b>CLARIFICATION REQUEST</b>	<b>RESPONSE</b>
	of 11 Stations (1/3), Page CP01-B4-516	Please clarify where the piping shall be installed.	
81	Section VI, 3 Drawings, Book 4 of 11 Stations (1/3), Page CP01-B4-518	PANTRY is allocated above water receiver tank. Please clarify whether any water leakage treatment is required.	Yes, it is required. The Contractor shall submit its proposal for approval of the Engineer before work execution.
82	Section VI, 3 Drawings, Book 5 of 11 Stations (2/3), Page CP01-B5-199	Please give us the location of FAAP and FAAP at the concourse level, and please clarify whether any restriction of operation panel, ex. Cover etc., is required if located in public. (In common with other stations)	The location of FAAP at the platform level is clearly shown in the drawings. For requirements of specifications, please refer to TS 600 page 268 and other relevant clauses.
83	Section VI, 3 Drawings, Book 5 of 11 Stations (2/3), Page CP01-B5-261	WC is allocated above water receiver tank. Please clarify whether any water leakage treatment is required or not.	Yes, it is required. The Contractor shall submit its proposal for approval of the Engineer before work execution.
84	Section VI, 3 Drawings, Book 6 of 11 Stations (3/3), Page CP01-B6-229	The exhaust air from RAILWAY ELECTRICAL ROOM could occur short-circuit to intake air louver (arrow direction seems incorrect.) Please clarify.	The exhaust air opening may be moved much higher as possible. For such improvement if necessary during project implementation, the Contractor shall submit its proposal for approval of the Engineer.
85	Section VI, 3 Drawings, Book 6 of 11 Stations (3/3), Page CP01-B6-495	Water piping is installed inside STN ELE ROOM and RAILWAY ELECTRICAL ROOM. Please clarify whether any water leakage treatment is required or not.	The Contractor should implement, execute and assure good quality and workmanship on the piping installation for all the VAC equipment.  Water line piping may be relocated outside electrical rooms by simply shifting 20mm diameter cold water risers to outside of the rooms. For such improvement if necessary during project



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86	Section VI, 3 Drawing, Book 8 of 11 Depot (1 of 3), Page CP01-B8-243	W1 and W2 specify that 32mm thick awning type windows are fixed on PVDf coated aluminum frame, while 38mm thick fixed windows are fixed on PVDf coated stainless steel frame.  On the other hand, W14 and W15, which have both fixed and awning type windows, are fixed on stainless steel frame only.	Work Drawings (Shop Drawings) shall be prepared and submitted to the Engineer before construction works as per GS100-Clause 120.4.3  Yes, the Contractor's understanding is correct.  Windows W1 and W2 have 2 different types of metal frames. W14 & W15 shall be with Aluminum frames for both fixed and awning type.  Please follow the drawings.
87	Section VI, 3 Drawings, Book 8 of 11 Depot (1 of 3), PagesCP01-B8-548, CP01-B8-549, CP01-B8-583	Does this mean that windows W1 and W2 have 2 different types of metal frames (i.e. Aluminum and Stainless Steel)? Please clarify.  On drawing CP01-B8-548, Door Id D19 specifies 14mm thick laminated glass panels on 2 x 6 solid wood frame. Is the Door panel also a solid wooden door?  On drawing CP01-B8-583 however, Hardware Set 09 specifies that door and frame to be steel.	D19 is a wood door with 14mm thick laminated glass panel on 44mm thick solid wood frame (width of horizontal and vertical stile shall be as shown in the D19 door elevation – CP01-B8-548).  Please disregard steel specified in Hardware Set 09 and use 44mm x 144mm solid wood (Kiln Dried) door jamb.
88	Section VI, 3 Drawings, Book 9 of 11 Valenzuela Depot	Please clarify the discrepancy.  Please clarify the meaning of the legend "MC".	"MC" means the Multiple Controller for integration of Fire Detection and Alarm System (FDAS) to BMS.

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<b>ITEM NO.</b>	<b>REFERENCE CLAUSE/ SECTION</b>	<b>CLARIFICATION REQUEST</b>	<b>RESPONSE</b>
	Building Works (2/3), Page CP01-B9-057		
89	Section VI, 3 Drawings, Book 9 of 11 Valenzuela Depot Building Works (2/3), Page CP01-B9-057	Please clarify whether the arrow which indicates the way to wiring, followed by the letter of "TERMINAL PANEL (WALL MOUNTED TYPE)" shall be deleted.	Yes, the arrow which indicates the way to wiring, followed by the letter of "TERMINAL PANEL (WALL MOUNTED TYPE)" shall be deleted.
90	Section VI, 3 Drawings, Book 9 of 11 Valenzuela Depot Building Works (2/3), Page CP01-B9-057	Please clarify the meaning of the legend "MC" and the location of TERMINAL PANEL (WALL MOUNTED TYPE).	MC means the Multiple Controller to enable integration of FDAS to BMS. The terminal Panel can be located near the Fire Alarm Control Panel (FACP).
91	Section VI, 3 Drawings, Book 9 of 11 Valenzuela Depot Building Works(2/3), Page CP01-B9-173	Please clarify the SOW of the primary cable of LOS-ILP1 indicated "GOING TO NEAREST HAND HOLE OF JD1" and the location of connection point.	These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4.
92	Section VI, 3 Drawings, Book 9 of 11 Valenzuela Depot Building Works (2/3), Page CP01-	Please clarify whether the fan shall be explosion-proof or not. If required, please provide specification for pricing.	Please follow relevant drawings and Technical Specifications in the Bidding Documents.

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
93	B9-203 Section VI, 3 Drawings, Book 9 of 11 Valenzuela Depot Building Works (2/3), Page CP01-B9-235	Please clarify the SOW of the primary cable of the LP panel and where to be connected. (In common with other buildings of DEPOT) If those are under CP01 scope of work, contractor request related drawing and bill of quantities for our proper pricing.	These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4.
94	Section VI, 3 Drawings, Book 9 of 11 Valenzuela Depot Building Works (2/3), Page CP01-B9-239	Please clarify the SOW of the primary piping of water supply and connection point. (In common with other DEPOT buildings)	Refer to relevant clauses in TS-600 and TS-700 and related drawings for Scope of Work for water supply and connection points.  The above-mentioned SOW consists of, but not limited to the following: 1. All water supply pipes and fittings within the building and connection to depot's water distribution system as shown in drawings. 2. Furnishing all labor, tools and equipment, appliances and materials necessary for complete installation, testing and operation of the system in accordance with the contract. 3. Submission of necessary shop drawings and as-built plans.
95	Section VI, 3 Drawings, Book 9 of 11 Valenzuela Depot Building Works (2/3), Page CP01-B9-241	Please clarify the SOW of the primary piping of drainage and connection point. (In common with other DEPOT buildings)	Refer to relevant clauses in TS600 and TS700 and related drawings for Scope of Work for drainage and connection points.  The above-mentioned SOW consists of, but not limited to the following: 1. Roof/Gutter and structure's storm drainage system and connections to depot's site storm drainage system as shown in the drawings. 2. Soil/Waste drainage & vent pipes for buildings with toilets. As well as septic tanks as treatment for wastewater (soil) and its

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
			<p>connection to Depot's storm drainage system.</p> <p>3. Securing and payment for all permits incidental to the completion of the project.</p> <p>4. Furnishing all labor, tools and equipment, appliances and materials necessary for complete installation, testing and operation of the system in accordance with the contract.</p> <p>5. Submission of necessary shop drawings and as-built plans.</p>
<b>Volume IV, Part 3 – Conditions of Contract &amp; Contract Forms</b>			
96	Section VII, Page 50, GC 14.9 Payment of Retention Money	Bidder would like to clarify if each member of the Joint Venture (JV) can submit Retention Money Security separately under the name of the JV with the Security amount proportionate to each JV member's share of the works.	No. There shall be only one Retention Money Security in the name of the Contractor, which in the case of a joint venture shall be in the name of the joint venture.
	Section VIII, Page PC-15, PC 14.9 Payment of Retention Money		
97	Section VII, Page 50, GC 14.9 Payment of Retention Money  Section VIII, Page PC-15, PC 14.9 Payment of Retention Money	<p><i>Reference:</i></p> <p><i>This Guarantee shall be issued by a commercial bank, acceptable to the Employer, located and authorized to do business in the Republic of the Philippines or from a foreign bank, subject to the guarantee being confirmed by a reputable bank acceptable to the Employer, located and authorized to do business in the Republic of the Philippines.</i></p> <p>Bidder would like to clarify if may the Employer accept the Retention Money Security to be issued by what company?</p> <p>1. Metropolitan Bank and Trust Company (Metrobank)</p>	<p>The Retention Money Security may be issued by Sumitomo Mitsui Banking Corporation office in Tokyo, with the confirming bank in the Philippines being Sumitomo Mitsui Banking Corporation, Manila Branch, or any reputable financial institutions in accordance with PC Part B: Specific Provisions, Clause 14.9.</p>



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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
98	Section VIII, Page PC-2, PC 4.2 Performance Security	<p>2. Sumitomo Mitsui Banking Corporation whose head office is in Tokyo, Japan and has branch in Manila, Philippines</p> <p><u>Reference:</u> <i>The Contractor may obtain such a Performance Security from a foreign bank, subject to the Performance Security being "confirmed" by a reputable bank acceptable by the Employer, located and authorized to do business in the Republic of the Philippines.</i></p>	<p>Yes, the issuing bank may be Sumitomo Mitsui Banking Corporation, with the confirming bank in the Philippines being Sumitomo Mitsui Banking Corporation, Manila Branch, or any reputable financial institutions in accordance with PC Part B: Specific Provisions, Clause 4.2.</p>
99	Section VIII, Page PC-2, PC 4.2 Performance Security	<p>The Contractor may obtain such a Performance Security from a foreign bank, subject to the Performance Security being "confirmed" by a reputable bank acceptable by the Employer, located and authorized to do business in the Republic of the Philippines.</p> <p>Bidder would like to know if may the Employer accept if the Performance Security is issued by Sumitomo Mitsui Banking Corporation whose head office is in Tokyo, Japan and has branch in Manila, Philippines or from Metropolitan Bank and Trust Company (Metrobank)?</p>	<p>No. In accordance with PC Part A: Contract Data, GC Sub-Clause 4.2, the Performance Security will be in the form of a demand guarantee. There shall be only one performance guarantee in the name of the Contractor, which in the case of a joint venture shall be in the name of the joint venture.</p>
100	Section VIII, Particular Conditions	<p><u>Reference:</u> <i>Receipt by the Contractor of the evidence confirming effective access to and possession of the whole of the</i></p>	<p>Yes, the Bidder's understanding is correct.</p>

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	Part A, Page PC-3, 8.1 (c) Commencement of Works	<p><i>Site will be given to the Contractor within seven (7) days after the Commencement Date.</i></p> <p>It is our understanding that:</p> <p>(1) item (c) of Sub-Clause 8.1 (i.e. "effective access to and possession of the Site given to the Contractor together with such permission(s)") remains unchanged as one of the precedent conditions of the Commencement Date, and</p> <p>(2) description in the Contract Data is intended that the Employer will provide the Contractor evidence of such effective access to and possession of the Site within 7 days after fulfillment of this condition precedent.</p> <p>Please confirm that our understandings are correct.</p>	
101	Section VIII, Particular Conditions Part A, Page PC-3, 8.7 Delay Damages for the Works	<p><i>Reference:</i> <i>Five hundredths of a percent (0.05%) of the Contract Price per day, for the completion of the whole of the Works.</i></p> <p><i>Delay damages with respect to each Key Date is one hundredth of a percent (0.01%) of the Contract Price per day, for delay in achieving the respective elements of the Works.</i></p> <p>In case the delay damages for the Key Dates have already been paid by the Contractor, and the delay damages for the whole of the Works are also paid by the Contractor, will the amount of the delay damages</p>	<p>Delay damages for the whole of the Works, and for Key Dates would be administered separately, however the maximum amount for cumulative delay damages shall not exceed ten percent (10%) of the final Contract Price.</p>

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
102	Section VIII, Page PC-3, PC 14.2 Total Advance Payment	<p>already paid for the Key Dates be considered as part of the delay damages for the whole of the Works to be paid by the Contractor?</p> <p><u>Reference:</u> <i>The Contractor may obtain such a Performance Security from a foreign bank, subject to the Performance Security being "confirmed" by a reputable bank acceptable by the Employer, located and authorized to do business in the Republic of the Philippines.</i></p>	<p>Yes, the issuing bank may be Sumitomo Mitsui Banking Corporation, with the confirming bank in the Philippines being Sumitomo Mitsui Banking Corporation, Manila Branch, or any reputable financial institutions in accordance with PC Part B: Specific Provisions, Clause 14.2.</p>
103	Section VIII, Page PC-3, PC 14.2 Total Advance Payment	<p>The Contractor may obtain such a Advance Payment Security from a foreign bank, subject to the Advance Payment Security being "confirmed" by a reputable bank acceptable by the Employer, located and authorized to do business in the Republic of the Philippines.</p> <p>Bidder would like to know if may the Employer accept if the Bid Security is issued by Sumitomo Mitsui Banking Corporation whose head office is in Tokyo, Japan and has branch in Manila, Philippines or from Metropolitan Bank and Trust Company (Metrobank)?</p>	<p>No. There shall be only one Advance Payment Security in the name of the Contractor, which in the case of a joint venture shall be in the name of the joint venture.</p> <p>In the case where the JV has not been legally constituted, only one advance payment guarantee in the names of all members of the joint venture should be submitted.</p>
104	Section VIII, Page	<u>Reference:</u>	This item may be discussed with the lowest evaluated substantially

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	PC-4, 14.2 Advance Payment	<p><i>One instalment of ten percent (10%) of the Accepted Contract Amount payable in the currencies [...]</i></p> <p>For almost all (if not all) previous projects under DOTr and funded by JICA, the Advance Payment has been set at 15.0% of the Accepted Contract Amount; here, with the project requiring special construction works, and special equipment and services from several international Specialist Subcontractors, the Advance Payment is pegged at only 10.0%. We are afraid that this amount would not be enough. Could you kindly reconsider and change it to 15.0%, the same amount as in previous projects and in projects currently being implemented?</p>	responsive Bidder during contract negotiations.
105	Section VIII, Page PC-4, 14.5 Plant and Materials intended for the Works	<p><u>Reference:</u> <i>Particular Conditions: 14.5 (b) (i) Not Applicable 14.5 (c) (i) Not Applicable</i></p> <p>Does this mean the materials on Site, even for permanent works, shall not be considered and the Contractor cannot include permanent materials in the interim payment request?</p> <p>If so, this seems financially very burdensome on the Contractor, considering the huge value of the Project. As previous projects (also of DOTr) have applied these conditions, we expected these conditions would be applicable for this project too, with huge value and permanent materials requirement. Could you kindly</p>	No. GC Sub-Clause 14.5 [Plant and Materials intended for the Works] applies. Only Sub-clauses 14.5 (b) (i) & 14.5 (c) (i) are not applicable under the Particular Conditions.



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<b>ITEM NO.</b>	<b>REFERENCE CLAUSE/ SECTION</b>	<b>CLARIFICATION REQUEST</b>	<b>RESPONSE</b>
106	Section VIII, Page PC-5, Key Date Schedule	reconsider these "Not applicable" conditions?  KD1 - Provision access to Substations / Sectioning Posts to allow CP04 E&M Systems to commence Power Supply installation.  Bidder would like to clarify that the substation should be completed the structural work only or includes architectural finishing work such as a painting, ceiling, floor and wall finishes, etc., as well as Electrical and Mechanical activities?	Please refer to response to Item 66 of GBB No. 5 for CP01, "access" for each Key Date.  For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.
107	Section VIII, Page PC-5, Key Date Schedule	Bidder would like to clarify if what is the meaning of "Sectioning Posts"?  KD2 - Provision of access to viaducts/embankment structures including any approach ramps required for CP04 to commence Track Works and E&M Systems installation; the minimum length of Mainline to be available for continuity of CP04 Track Work operation is 1km.	Yes. For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.
108	Section VIII, Page PC-5, Key Date Schedule	Bidder would like to clarify wherever the location can be at least 1 km continuously for track work operation?  KD3 - Provision access to Depot approach /connecting line, stabling track and related areas in the Depot including any required approach ramps, in stages, as coordinated by the Engineer for CP04 to commence Track Works and E&M Systems installation.	This is interfacing items among Contractors. For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
109	Section VIII, Page PC-5, Key Date Schedule	<p>areas in the Depot including the required approach ramps, in stages should be completed the structural work only or includes architectural finishing work such as a painting, ceiling, floor and wall finishes, etc., as well as Electrical and Mechanical activities?</p> <p>KD4 - Provision access to Depot Sub-stations / Sectioning Posts to allow CP04 E&amp;M Systems to commence power supply installation.</p> <p>Bidder would like to clarify the Depot sub-station should be completed the structural work only or includes architectural finishing work such as a painting, ceiling, floor and wall finishes, etc., as well as Electrical and Mechanical activities?</p>	<p>Please refer to response to Item 66 of GBB No. 5 for CP01, "access" for each Key Date.</p> <p>For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.</p>
110	Section VIII, Pages PC-5 and PC-6, Key Date Schedule	<p>KD5 - Provision of access to all Station electrical rooms including power distribution rooms, cable rooms and related galleries / ducts for CP04 to commence installation works.</p> <p>Bidder would like to clarify in all stations electrical rooms, power distribution rooms, cable rooms and related galleries / ducts should be completed structural work only or even architectural works necessary to completed the painting, ceiling, flooring as well as electrical and mechanical activities?</p>	<p>Please refer to response to Item 66 of GBB No. 5 for CP01, "access" for each Key Date.</p> <p>For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.</p>



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111	Section VIII, Page PC-6, Key Date Schedule	KD6 - Provision of access to all Station areas to allow CP04 to commence cabling installation including signaling, communication, AFC, etc.  Bidder would like to clarify all station areas to allow CP04 to commence cabling installation including signaling, communication, AFC, etc should be completed structural work only or even architectural works necessary to completed which is ceiling, floor and wall, painting, etc., as well as electrical and mechanical activities?	Please refer to response to Item 66 of GBB No. 5 for CP01, "access" for each Key Date.  For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.
112	Section VIII, Page PC-6, Key Date Schedule	KD7 - Provision of access to all depot electrical rooms including OCC building and other building, including galleries / ducts to allow CP04 to commence installation works.  Bidder would like to clarify in all depot electrical rooms including OCC building and other building, including galleries/ducts should be completed structural work only or even architectural works necessary to completed the painting, ceiling, flooring as well as electrical and mechanical activities?	Please refer to response to Item 66 of GBB No. 5 for CP01, "access" for each Key Date.  For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.
113	Section VIII, Page PC-6, Key Date Schedule	KD8 - Provision of access to Depot train operation simulation room to allow CP04 to commence installation works.  Bidder would like to clarify depot train simulation room should be completed structural work only or even architectural works necessary to completed the painting, ceiling, flooring and wall etc., as well as electrical and	Please refer to response to Item 66 of GBB No. 5 for CP01, "access" for each Key Date.  For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.

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<b>ITEM NO.</b>	<b>REFERENCE CLAUSE/ SECTION</b>	<b>CLARIFICATION REQUEST</b>	<b>RESPONSE</b>
114	Section VIII, Page PC-6, Key Date Schedule	mechanical activities?  KD9 - Provision of access to all Depot equipment rooms including signaling communication, OCC, training rooms etc., and including galleries/duct to allow CP04 to commence installation works.	Please refer to response to Item 66 of GBB No. 5 for CP01, "access" for each Key Date.  For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.
115	Section VIII, Page PC-6, Key Date Schedule	Bidder would like to clarify in all stations electrical rooms, power distribution rooms, cable rooms and related galleries / ducts should be completed structural work only or even architectural works necessary to completed the painting, ceiling, flooring as well as electrical and mechanical activities?  KD10 - Provision of access to workshops including outside facilities areas in the depot in stages as coordinated by the Engineer, to allow CP04 to commence installation of Depot/Workshop equipment and rolling stock equipments.	Please refer to response to Item 66 of GBB No. 5 for CP01, "access" for each Key Date.  For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.
116	Section VIII, Page PC-6, Key Date Schedule	Bidder would like to clarify the workshop including outside facilities areas in the depot in stages should be completed structural work only or even architectural works necessary to completed the painting, ceiling, flooring as well as electrical and mechanical activities?  KD11 - Provision of access to all Station equipment rooms including signaling, communications, UPS, AFC, etc., including galleries / ducts to allow CP04 to commence installation works.	Please refer to response to Item 66 of GBB No. 5 for CP01, "access" for each Key Date.  For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.
		Bidder would like to clarify all equipment rooms including signaling, communication, UPS, AFC, etc	



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117	Section VIII, Page PC-6, Key Date Schedule	including galleries/ducts should be completed structural work only or even architectural works necessary to completed which is ceiling, floor and wall, painting, etc., as well as electrical and mechanical activities?  KD12 - Provision of access to all Station concourse / platform paid and unpaid areas to allow CP04 to commence installation works.	Please refer to response to Item 66 of GBB No. 5 for CP01, "access" for each Key Date.  For details of interface requirements, refer to GS 100 Clause 126 and Appendix 4.
118	Section VIII, Page PC-10, P.C 1.1.6 (Part B: Specific Provision) Definition of Site	<u>Reference:</u> <i>The Site is described as the areas occupied by the permanent works as utilized for temporary works during construction. The Site includes the following: ....</i>  Bidder understand that the (e), (f), (g) shall be provided by the Employer at no charge.  Is our understandings correct?	No, the parcels of land shall be leased from PNR. The lease rate shall be equivalent to 7% of the zonal value of the actual area occupied per month. Please refer to Item No. 96 of Annex "B" of GBB No. 4.
119	Section VIII, Page PC-10, P.C 1.1.6 (Part B: Specific Provision) Definition of Site	<u>Reference:</u> <i>The Site is described as the areas occupied by the permanent works as utilized for temporary works during construction. The Site includes the following: ....</i>  Bidder understands that the (e), (f) and (g): (e ) the parcels of land south of Samson Road, approximately a total of 39,600 sq.m. (30,400 sq.m. one	No, the parcels of land shall be leased from PNR. The lease rate shall be equivalent to 7% of the zonal value of the actual area occupied per month. Please refer to Item No. 96 of Annex "B" of GBB No. 4.

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
		<p>side (east) and 9,200 sq.m. on the other side (west) of Skyway) at around 2km 200;</p> <p>(f) the parcel of land beside (south) at Mayhaligue street, approximately 3,800 sq.m at around -2km750; and</p> <p>(g) any other areas/parcels of land that may be designated later by the PNR as available for permanent works or temporary use (with lease) by the Contractor.</p> <p>shall be provided by the Employer at no charge. Is our understandings correct?</p>	
120	Section VIII, Pages PC-11 and PC-12, 1.1.6.7 Site (g)	<p><u>Reference:</u> any other areas/parcels of land that may be designated later by the PNR as available for permanent works or temporary use (with lease) by the Contractor.</p> <p><i>For the PNR Right of Way, permission has to be obtained from PNR (with lease, if necessary).</i></p> <p>If there is a need for lease from PNR, how much cost of lease or rate do we need to consider?</p>	<p>No. the parcels of land shall be leased from PNR. The lease rate shall be equivalent to 7% of the zonal value of the actual area occupied per month. Please refer to Item No. 96 of Annex "B" of GBB No. 4.</p>
121	Section VIII, Particular Conditions Part B, Page PC-12, 1.1.6 Other Definitions	<p><u>Reference:</u> <i>For the PNR Right of Way, permission has to be obtained from PNR (with lease, if necessary). If there are affected utilities that need to be relocated, the Contractor shall bear the relocation cost or cleaning works. Relocation of the utilities should be approved by PNR.</i></p>	<p>Please refer to GS 100, Clause 113.</p>

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		Please clarify who will obtain permission of PNR Right of Way and approval of utilities relocation from PNR.	
		Please confirm that obtainment of such permission and approval falls into the category (c) of Sub-Clause 8.1 of General Conditions (i.e. "effective access to and possession of the Site").	
122	Section VIII, Page PC-13, 4.2 Performance Security	Please confirm that each JV member can arrange its performance security with respective banks in an amount equivalent to its JV share under the name of the JV if the combined amount will meet the requirement.	No. There shall be only one performance guarantee in the name of the Contractor, which in the case of a joint venture shall be in the name of the joint venture.  In the case where the JV has not been legally constituted at the time of award of contract, only one performance guarantee in the names of all members of the joint venture should be submitted.
123	Section VIII, Page PC-15, 14.2 Advance Payment	Please confirm that each JV member can arrange its advance payment security with respective banks in an amount equivalent to its JV share under the name of the JV if the combined amount will meet the requirement.	No. There shall be only one Advance Payment Security in the name of the Contractor, which in the case of a joint venture shall be in the name of the joint venture.  In the case where the JV has not been legally constituted at the time of award of contract, only one advance payment guarantee in the names of all members of the joint venture should be submitted.
124	Section VIII, Page PC-16, 14.9 Payment of Retention Money	Please confirm that each JV member can arrange its retention money security with respective banks in an amount equivalent to its JV share under the name of the JV if the combined amount will meet the requirement.	No. There shall be only one Retention Money Security in the name of the Contractor, which in the case of a joint venture shall be in the name of the joint venture.