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	-	General	
1	Related query: GBB No. 4 Annex A Item No. 1, Page 2 of 7	<u>Reference:</u> [] Thus, Duty and VAT on such imported items shall not be included in the Bid Price.	No, the Bidder's proposed revised text is rejected. Please refer to Annex "E" of this GBB for the revised "Summary of Total Bid Price" and the "General Summary" Annex "D' of GBB No. 8.
		Calculation or estimation of Import Duties and Import VAT on imported materials would be very difficult since the corresponding amount of Import Duties and Import VAT shall be based on the yet unknown actual amount of importation.	Import duties and VAT are directly assumed government to government, thus it is not required to be included in the Bid Price.
		For consistency purposes of the Forms "General Summary" and that of the "Summary of Total Bid Price" and to avoid the misunderstanding and difficulty of presentation VAT, is it possible to include the whole 12% VAT in the said "General Summary" and "Summary of Total Bid Price" and just add a foot note on each Summary?	
2	GBB No. 12, Annex B, Item No. 2, Page 1 of 2	"Other Miscellaneous Works (Architectural Works)" has been added to the BOQs of Depot buildings and Mainline traction Sub-stations. Since the mode of payment is not defined, the Bidder proposes the following mode of payment:	Please refer to GC Sub-Clause 14.1 (d) which states that "the Contractor shall submit to the Engineer, within 28 days after the Commencement Date, a proposed breakdown of each lump sum price in the Schedules. The Engineer may take account of the breakdown when preparing Payment Certificates, but shall not be bound by it."
		 10% of the total Value of Miscellaneous Works, to be paid as Advance payment 85% to be paid via Interim payment 5% to be held as Retention 	

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	•	Volume I, Part 1 – Bidding	Procedures
3	Section IV, Bidding Forms, Page BF-11, Appendix 4.2, 2.1 Proposed Key Personnel And	 In Appendix 4.2, Item No. 2.1 Proposed Key Personnel, mentioned that "professional experience and corporate affiliation" While in Form PER-2: Resume of Proposed Personnel, mentioned that "Cooperate Affiliation /Years with present employer". 1. Bidder would like to clarify the requirement for the proposed personnel is a second seco	1. The item below in Form PER-2 is revised as follows:
	Page BF-30, Form PER-2: Resume of Proposed Personnel	Key Personnel, is it Corporate Affiliation or Cooperate Affiliation?2. In relation to the answer in question no. 1 above, Bidder would like to request the Employer to kindly elaborate its definition/requirement.	 "<u>Corporate</u>Cooperate Affiliation/ Years with present employer" In filling out the information "Corporate Affiliation", indicate if the nominated personnel is a direct employee, independent contractor, etc.
		Volume IA, Part 1 – Bill o	
4	Page BOQ-3, Preamble 9.	 For items classified as Lump Sum under PART F of the respective BOQ, the Preamble in BOQ mentions that payment for the lump sum items "shall be valued according to the terms of payment defined in the Specifications". However, the Specifications do not define the payment breakdown for those lump sum items in PART F associated with Architectural Works. The Bidder, therefore proposes the following mode of payment: 	Please refer to GC Sub-Clause 14.1 (d) which states that "the Contractor shall submit to the Engineer, within 28 days after the Commencement Date, a proposed breakdown of each lump sum price in the Schedules. The Engineer may take account of the breakdown when preparing Payment Certificates, but shall not be bound by it."

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		 1) 10% of the total Value of Lump Sum items, to be paid as Advance payment 2) 85% to be paid via Interim payment 3) 5% to be held as Retention 	
5	Page BOQ-18, BOQ No.2, T/S NO.220(3) Book 1 of 11 (Viaduct), Page CP01-B1-112	Refer to GBB No. 8 Annex "A" Item No. 66: added item 220(3) Wire-Enclosed Riprap(Gabions) The item below in Section VI, Bill of Quantities, Page BOQ-18 is added: [220(3)] Wire-Enclosed Riprap (Gabions) Square Meter	The response in Item 66 of Annex "A" GBB No. 8 is revised as follows: "The item below in Section VI, Bill of Quantities, Page BOQ-18 is added:220(3)Wire-Enclosed (Gabions)Riprap 2,150Cubic Square Meter"
6	Page BOQ-18,	Please provide BOQ quantity. <i>Reference:</i>	Please refer to the drawings in Book 1 of 11, Pages CP01-B1-355 and
	BOQ No.2, T/S No.230 Book 1 of 11 (Viaduct), Page CP01-B1-112	Refer to GBB No. 12 Annex "B" Item No. 1: added item 230 Steel Sheet Pile (for river bank scour protection) Please provide related detailed drawings and locations required.	CP01-B1-112 for the locations required. The Contractor shall prepare shop drawings for sheet pile required for river bank scour protection and submit them for the Engineer's review and approval.
7	Page BOQ-278	Reference:Pedestrian Entrance GatePlease specify location and provide details forPedestrian Entrance Gate.It has pay item in BOQ but is not reflected on plan.	Please refer to BOQ Preamble. Pedestrian Gate is not reflected in the drawings. However, the Bidder is instructed to price the gate using the BOQ Pay Item. Please refer to Book 10 of 11, Page CP01-B10-006 of Security House 1 gate Details and gate blow up Elevations and adopt the details and specifications. The actual location shall be confirmed during the project implementation.
8	Page GS-67	GS 100 Reference:	Yes. The Contractor will be required to contribute to the
0	r age 05-07	<u>Kejerence.</u>	res. The Contractor will be required to contribute to the

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		<i>Environmental Guarantee Fund</i> Kindly clarify the need for requiring the Contractor to set up and contribute to the Environmental Guarantee Fund if the relevant insurances that are required under Clause 18. Insurance of Conditions of Contract are already provided.	Environmental Guarantee Fund through the Employer. The insurance referred to in GC Clause 18 is for Construction Insurance and not relevant to the commercial insurance of the environmental fund in GC 100, Clauses 118.7.4 and 118.8.2.	
9	Pages GS100-178 to GS100-217, Appendix 4 Contractor's Interface Co- ordination with Others	In Bid Bulletin No.6-30, your response ("Please refer to Appendix 4 No.1 Clarification of Design Supply and Fix Items") does not address clearly the issue we would like you to clarify. Regarding the basis of interface requirements, the Contractor's understanding is that all interfaces are based on the CP04 design requirements, which are not disclosed. Without your specific requirements such as BOQ or drawing, the Contractor cannot make assumptions for pricing. Please clarify whether you can provide any information at all during the bidding stage related to interfaces.	GS 100, Appendix 4 includes most of the Interface items with CP04. Please also refer to the last paragraph of GS 100 in page GS-217. The understanding is that at this stage, based on the experience as a Contractor, the Bidder will make the necessary Design assumptions aimed at providing a realistic pricing.	
10	Page GS-219, Appendix 5	Engineers & Employers Site Offices Please show the detailed drawing of the Engineers & Employers site offices, at least indicating partitions, etc. Information on the floor area and number of staff in the office is not enough for our cost estimate.	The Contractor shall prepare and submit the detailed drawings considering the area requirements and number of staff in the office as per Appendix 5 of GS 100 for approval of the Engineer before works execution.	
11	Page GS-225, 7.1 Annex A – Environmental	<u>Reference:</u> GS-225 is a copy of ECC dated April 28, 2015.	1. Based on the EIA Series 03 – 2007 Guide Report issued by EMB- EIAMD, "The Role of Government Agencies in the Philippine Environmental Impact Statement System (PEISS)" under the	

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	Compliance Certificate And Page GS-55, 118.1 General	 The Environmental Compliance Certificate (ECC) is hereby added to the Volume V – Site Data. A copy of which is herein attached as Annex "D" in this GBB. The Contractor shall carry out the works in such a manner as to ensure that all the environmental requirements are complied with. Based on previous issuances of ECC by DENR, ECCs are void if the proposed project did not start within three (3) years after issuance date. 		
		The ECC attached under GS-225 is dated April 28, 2015, which is more than 3 years ago. Is it correct to assume that the attached ECC on page GS-225 is still valid? Annex "D", mentioned in your response under Item No. 42 of Annex "A" in GBB No. 7, is not actually attached to the GBB. Would this be the same ECC as the one under GS-225, or a different and/or updated document? If it is a	 Yes, it is still valid. The ECC dated April 28, 2015 mentioned in GBB No. 7 is the same as Appendix 7 of GS 100. 	

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12	GS 100, Appendix 5	different and/or updated one, please provide us with a copy of it. When in the implementation of the project, the Contractor will put up or set up a Batching Plant equipment on site solely for the project, it is our understanding that it is already covered by the ECC issued for the project, and the Contractor does not need to apply for a separate ECC only for the Batching Plant, as long as the "Conditions for Environmental Management" are implemented. Is our understanding correct? ENGINEERS AND ENPLOYERS SITE OFFICES, 2.0 In the market, "2000 cc" is a nominal expression and the actual displacement of the engine is less than 2000 cc, such as 1997 cc.	 4. Yes, it is the same. 5. Yes, but the "Conditions for Environmental Management" in Part 2 – Works Requirements Section VI, GS-56 states that; The Contractor shall apply for the necessary environmental approvals and permits as required, to conduct the works for the duration of the Contract. The necessary permits and approvals from the proper authorities include, but are not limited to the following: a) Water Extraction Permit from the NWRB; b) Quarry Permit from the LGU of the quarry location; c) ECC for Temporary Facilities from the EMB Regional Office where the facilities are located; d) Water Discharge permit from LLDA; e) Permit to Operate for Generator; and f) Other Permits and licenses as maybe required by law. The Manufacturer's branded rating must be a minimum of 2000cc, subject to the approval of the Employer.

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		Does a vehicle of 1997 cc engine meet the requirement?		
13	GS 100, Appendix 5	ENGINEERS AND EMPLOYERS SITE OFFICES,		
		2.0 Engineer Vehicle The document states "2000 cc minimum".	The Bidder shall propose the details of vehicles that meet the minimum requirements specified in GS100 Appendix 5.	
		In order for all bidders to bid on the same conditions, please specify the manufacture and name of vehicle (series, type) so that we can pin-point the vehicle to be supplied.		
14	GS 100, Appendix 5	ENGINEERSANDEMPLOYERSSITEOFFICES,2.0 Engineer VehicleThe document states "including fuel supply, tollcharges, parking fee, drivers and maintenance".As we don't know how much these vehicles will be	including, but not limited to: transportation of the Engineer's personnel to and from their accommodation, site inspections, meetings, plant	
		used, it is impossible to quote a reasonable price for this service. Therefore we have the following questions.		
		TS 200		
15	Page TS200-190, Clause 207.11;	<u>Reference:</u> The additional reinforcing steel required for splices that are not shown in the contract documents, but are	Please refer to the Notes and Table 1 in the drawing in Book 2 of 11, Page CP01-B2-007.	
	Book 1 of 11, Page CP01-B1-070;	authorized as provided herein, shall not be included. Lapping length is indicated only on pier reinforcement		
	And	drawing (on page CP01-B1-070). But there is no rebar lapping shown on page CP01-B2-		

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	Book 2 of 11, Page CP01-B2-007	007. Based on clause 207.11, the lapping lengths that are not shown on the drawing shall not be included in the cost of reinforcement.		
		Is our understanding correct? Please confirm and specify.		
		TS 600		
16	PageTS600-24, List of acronyms and definition of terms	In Bid Bulletin No.6-40, your response ("please refer to relevant clauses in the Bidding Documents, Clause 601.4.1, 619.1.2, 621.3.9 The list of spares should be contained within the O&M manuals") does not address clearly what we would like you to clarify. Bidding Document does not specify Spare Parts requirement clearly such as items, Q'ty, etc. for our proper pricing. Please kindly confirm and specify the following: -Required items -Required Q'ty	The Contractor shall submit a list of spare parts for each category as specified in TS 600 to the Engineer and accordingly include the same for pricing.	
17	Page TS600-83, 604 VRF Air Conditioning System; 604.1.4 Warranty	 <u>Reference:</u> Warranty Period and Defect & Notification Period 1.) Please confirm that the extended warranty period for VRF Air Conditioning System (AC Compressor) is inclusive of the 1 (one) year defect and notification period. 2.) Please confirm all associated labor cost during the 	commences from the date of installation, and is independent from the Defects Notification Period.	

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		extended warranty period is by others.	borne by the Contractor excluding Defects Notification Period.
18	Page TS600-108, 604.3.8.5 - VRF Equipment Warranty	<u>Reference:</u> Warranty Period and Defect & Notification Period Please clarify which is to be followed: 1.) Sub-clause 604.1.4: manufacturer warranty for parts shall be one (1) year and six (6) years for compressor.	For Compressor and all the parts, the manufacturer warranty for parts period shall be 10 years.
		2.) Sub-clause 604.3.8.5(3): Compressor shall be 7-year parts only, and(4): Parts shall be 5-years parts only.	
19	PageTS600-143, 611 Air Cooled Split Type [] 611.1	Regarding your reply in Bid Bulletin No.6-72, please provide the sensitive heat load or calculation or considerable ratio for selecting proper units.	The equipment selection shall be based on the Equipment Schedule in the drawings which shows all the technical data and specifications necessary for selecting the proper units. The A/C equipment capacities were sized with consideration on the load safety factor depending on each room application. There is no need to show the heat load calculations regarding these.
20	PageTS600-233, 621 Elevators 621.2.1 2) Additional Features	In Bid Bulletin No.6-43, we understand that "Sound isolation features" should be glass-wool lining inside room done by civil work, not under CP01 scope. Is this understanding correct? Please clarify.	the necessary shop drawings to the Engineer for its review/approval prior to works execution as per GS 100, Clause 120.4.3. This is within the Scope of Work of the CP01 Contractor.
21	PageTS600-273 to TS600-277, Clauses 626.2.5 LAN and Communication Network; Clause 626.2.2.1	Your responses in Bid Bulletin No.6-47 ("Regarding the overall network structure cable system, this is an interface requirement among Contractors. For details refer to GS 100 Clause 126 and Appendix 4") and in No.6-48 ("The Contractor shall submit its proposal for approval) do not address clearly the issue we would like you to clarify.	 Please refer to Drawing No. NSCR-DWG-OCC-EL-5281 in Book 8 of 11, Page CP01-B8-396 for the Valenzuela Depot-OCC Building BMS cabling schematic diagram in which Interface demarcation is already shown. Similar drawings for other locations are also included in the Bidding Documents. The understanding is that at this stage The Contractor will make all the necessary Design assumptions aimed at providing a realistic pricing.

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	Specific Requirements/ General; And TS 700, Page TS 700-273, Clause 731.1 The Work	As per your clarification, the Contractor understands "BMS for each station and Depot is under CP01 scope of work". However, as you also mentioned "Regarding the overall network structure cable system, this is an interface requirement among Contractors. For detail, ", please provide related drawing that shows interface demarcation for our pricing.		
22	Page TS600-277, 626.2.5 LAN and Communication Network	In Bid Bulletin No.6-48, your response ("The Contractor shall submit its proposal for approval by the Engineer with reference to TS 600, Clause 626.2.5 and ") does not address clearly the issue we would like you to clarify. Please clarify whether design of "LAN and communication system" is under CP01 scope or not. If not, item "design of LAN and communication system" is required for our pricing.	Yes, all the LAN and Communication Network required for BMS is within the CP01 Scope of Work. The Bidder shall include the same in the pricing.	
23	Page TS600-288, Clause 626.3.15 Integrated Testing and Commissioning	In Bid Bulletin No.6-50, your response ("The Contractor shall submit its proposal of acceptance criteria") does not address clearly the issue we would like you to clarify. Requirement of Integrated commissioning shall be led by CP04 as per bidding document, and in the Contractor's understanding the required scenario shall be covered by CP04 for obtaining final safety system assurance certification by external authority.	Please refer to GS 100, Clauses 131 for System Assurance and 135 for Integrated Testing and Commissioning.The understanding is that at this stage, based on the experience as a Contractor, the Bidder will make the necessary Design assumptions aimed at providing a realistic pricing.	

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		Due to such circumstances, in the Contractor's understanding, CP01 is not in a position to give any proposal without CP04 involvement.		
		Please kindly provide detailed requirements for our planning and pricing.		
		TS 700		
24	PageTS700-16, List of acronyms and definition of terms And	In Bid Bulletin No.6-51, your response ("please refer to relevant clauses in the Bidding Documents, Clause 701.4.2, 705.4.20 The list of spares should be contained within the O&M manuals") does not address clearly the issue we would like you to clarify.	The Contractor shall submit a list of spare parts to the Engineer as per TS 700, Clause 705.4.20. The same shall be included in the pricing.	
	705.4.20 List of spare parts recommended for service requirements	Bidding Document does not specify Spare Parts requirement clearly such as items, Q'ty, etc. for our proper pricing. Please kindly confirm and specify the following: -Required items -Required Q'ty		
25	PageTS700-35, 701.4 Measurement and Payment	In Bid Bulletin No.6-52, your response ("Please refer to PC 14.1 and") does not address clearly the issue we would like you to clarify.Payment scheme is one very important factor to affect overall project cost proposal considering related cash flow.	Please to GC Sub-Clause 14.1 (d) which states that "the Contractor shall submit to the Engineer, within 28 days after the Commencement Date, a proposed breakdown of each lump sum price in the Schedules. The Engineer may take account of the breakdown when preparing Payment Certificates but shall not be bound by it."	
		Please kindly confirm and specify the following: Payment method for Electrical work shall be done upon "actual site progress basis" as per our submitted		

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		cost breakdown even if "Lump Sum", not milestone		
26	PageTS 700-269, Clause 712, Sub- Clause 712.3.13 3) Earthing System	basis", such as each system completion. In Bid Bulletin No.6-53, your response ("These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4") does not address clearly the issue we would like you to clarify.	The Scope of Work for the Earthing System of the CP01 Package is up to the Grounding Bus Bar locations, which are shown in the Drawings specifically in Drawing No. NSCR-DWG-MAR-EL-5103 in Book 6 of 11, Page CP01-B6-443 for Marilao Station. The grounding connections of the equipment to be supplied by the	
		Appendix 4 shows only general scope demarcation, no specific demarcation. Without CP04 drawing information that shows scope demarcation, the Contractor cannot estimate the related CP01 cost. Please provide the necessary information for our pricing.	CP04 Contractor is not part of the CP01 Scope of Works.	
27	PageTS 700-289, Clause 714.1.6.4 Testing/	In Bid Bulletin No.6-54, your response ("These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4")	Only the Testing and Commissioning of ATS is included in the CP01 Scope of Work.	
	Commissioning	does not address clearly the issue we would like you to clarify.	GS 100, Appendix 4 includes most of the Interface items with the CP04 Contractor.	
		Appendix 4 shows only general scope demarcation, no specific demarcation. Without CP04 drawing information that shows scope demarcation, the Contractor cannot estimate the related CP01 cost.		
		Please provide the necessary information for our pricing.	Please also refer to GS 100 Clauses 131 for System Assurance and 135 for Integrated Testing and Commissioning.	
		Drawings		
28	Drawings, NSCR- DWG-VAL-EE,	<u>Reference:</u> Power Layout	For Convenience Outlet (CO), provide CO at 1.5 meter each separate and continuous length of wall. Kindly use the load schedule in	

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	Valenzuela Station	Please provide Power Layout for Valenzuela Station	Drawing No. NSCR-DWG-VAL-EL-5142 in Book 5 of 11, Page CP01-B5-441.	
		Book 1 of 11		
29	PagesCP01-B1-031 and CP01-B1-032	Reference: NOTE: ALL PILE LONGITUDINAL BARS SHALL BE TACK WELDED TO THE HELIX AT ONE LOCATION. ALL SPLICES IN THE LONGITUDINAL BARS AND THE HELIX SHALL BE TACK WELDED. P01-'X3'-SP-75 [] NO SPLICING OF SPIRALS ARE ALLOWED. WELDED SPLICES ARE ACCEPTABLE. TACK WELDING OR WELDING OF REINFORCEMENT IS PROHIBITED DUE TO FATIGUE CONCERNS IN RAILWAY BRIDGES. The three enlisted drawing notes seem contradictory to the Contractor: tack welding is required in one note, while acceptable in another note, but prohibited in the third note (inside the box), all on the same drawing. Which is the Designer's intention? Please clarify.	No welding shall be allowed in all pile longitudinal bars. Welded splice are acceptable in spirals. Please also refer to TS200, Clause 207.7.	

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30	PagesCP01-B1-031 and CP01-B1- 032	 <u>Reference:</u> P01-'X3'-SP-75 <u>EACH END</u> OF SPIRAL TO BE ANCHORED WITH 1.5 TURNS AT ZERO PITCH. What is the meaning of EACH END here? Please clarify which of the following is correct: 1) Top end and bottom end of each rebar cage that is not spliced/connected yet. or 2) Top end and bottom end of an already spliced cage, i.e. the top and bottom ends of a single spliced/connected rebar cage per pile. 	"EACH END" means: Top end and bottom end of an already spliced cage, i.e. the top and bottom ends of a single spliced/connected rebar cage per pile.	
31	PageCP01-B1-031, Section of reinforcement Type 4	 1500 dia pile reinforcement Type 4 is to be used only for 36 piles (i.e. 4 piers x 9 piles/pier = 36 piles). These 4 piers are located on very soft ground and in a narrow ROW area. It seems that it is due to these conditions why the Designer opted for this very congested rebar cage (with small spacing), as he could not expand the pilecaps or increase the number of piles. On the other hand, although the section complies with the requirements for spacing of rebars, from a practical point of view, the Bidder cannot say the spacing of rebars in the section is sufficient for ensuring the concrete quality of piles. Will the Engineer discuss the design change of these piles with the Contractor, if the Contractor clearly 	Following award of contract, any changes to the Permanent Works that may be required shall be administered under the relevant provisions of the Conditions of Contract.	

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32	Page CP01-B1- 112, Drawing No. VIA00-ST-0701, Scour Protection	demonstrates the above quality issue to the Engineer through one of the (properly constructed) test piles? Please clarify. Please advise to which pay item does the scour protection be included?	Please refer to item 3 of Annex "D" of this GBB.	
		Pook 1 of 11		
33	PageCP01-B4-000 as typical for each Book, Book 4 of 11 Stations, Si. No. 7 as typical for each Book and	Book 4 of 11 <u>Reference:</u> Clarification Request: Reference: PVC conduits for Earthing and Grounding shall be imbedded in all pier locations of viaduct along NSCR alignment except locations in the waterway. Details of the same shall be interfaced with E&M Contractor and approved by the Engineer. All related shop drawings and construction work	Contractor, the Bidder will make the necessary assumptions aimed at providing a realistic pricing.	

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	General Bid Bulletin No. 5, Annex "A", Item 7	 for this modification shall be incorporated and carried out by the Contractor during the construction stage. Please kindly provide us with detailed design drawings for these PVC conduits, and indicate which BOQ will be applied for this item. If design drawings are not available, please let us know the contact details of E&M Contractor. Please note that we are unable to estimate costs for which details are unknown. Response: Please refer to GS 100, Clause 126 Interface Management and Appendix 4. GS 100, Clause 126 Interface Management and Appendix 4 do not provide any details and quantity to be executed. Please clarify. 	
34	Page CP01-B4-016 and General Bid Bulletin No. 5, Annex "A", Item 50	Reference: Clarification Request: The new Tutuban Station seems to affect the existing PNR office. But no mention on how to handle the existing office, and whose scope of work it is. Could you please provide additional information? Response: Please refer to GS100 Clauses 113 and 103.	Yes, the Employer will demolish the existing PNR office and relocate its related utilities prior to the Contractor taking possession of that part of the Site.

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		From GS100 Clauses 113 and 103, it is our understanding that the existing PNR office will be demolished by the Employer, and its related utility(ies) will be relocated by the Employer prior to the Contractor taking possession of the Site. Please confirm.		
35	Page CP01-B4- 046, Drawing No. NSCR-DWG-TTB- AR-3221, Tutuban	 <u>Reference:</u> Louvers Request for clarifications on the size and quantity of Louver L5E: 1. Schedule in NSCR-DWG-TTB-AR-3221 specifies that it is 1 set, 3700x2400mm; 2. while in NSCR-DWG-TTB-AR-3222 it is 4 sets, 	 L5E in Drawing No. NSCR-DWG-TTB-AR-3221 Schedule of Windows that specifies 3700 x 2400mm shall be read as L5F (1set) and L5F that specifies 4600 x 1650mm (1set) shall be read as L5G, as shown in Drawing No. NSCR-DWG-TTB-AR-3222 in Book 4 of 11, Page CP01-B4-047 Schedule of Louvers; and L5E in Drawing No. NSCR-DWG-TTB-AR-3222 Schedule of 	
36	Page CP01-B4- 046, Drawing No. NSCR-DWG-TTB- AR-3221	 250x200mm <u>Reference:</u> Louvers Request for clarifications on the size of Louver L5D: 1. Schedule in NSCR-DWG-TTB-AR-3221 specifies that it is 250x200mm; 2. while in NSCR-DWG-TTB-AR-3222 it is 150x150mm 	 Louvers that specifies 4sets 250 x 200mm shall remain as L5E. Please follow size of louver L5D 250 x 200mm as specified in Drawing No. NSCR-DWG-TTB-AR-3221 Schedule of Windows. 	

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37	PageCP01-B4-055	In Bid Bulletin No.6-63, your response ("These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4") does not address clearly the issue we would like you to clarify.	The power supply for the required signage will come from Panel LPC- 02 as shown in Book 4 of 11, Page CP01-B4-217.
		The Contractor raised this for clarification due to the missing information of related electrical system in the Electrical bid drawings. Please provide the necessary information for our pricing.	
38	PagesCP01-B4-201 and CP01-B4-204	In Bid Bulletin No.6-64, your response ("These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4") does not address clearly the issue we would like you to clarify.	The primary cables of MDBs (CP01 SOW) shall be connected to the Switchgear (CP01 SOW) and the primary cables of the Switchgear (CP01 SOW) shall be connected to the Power Distribution Board (Located at the Railway Electrical Room, CP04 SOW). Please also refer to GS 100, Clauses 120.3 and 126.2
		Appendix 4 shows only general scope demarcation, no specific demarcation. Without CP04 drawing information that shows scope demarcation, the Contractor cannot estimate the related CP01 cost. Please provide the necessary information for our pricing.	
39	PageCP01-B4-232	In Bid Bulletin No.6-66, your response ("These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4") does not address clearly the issue we would like you to clarify.	The BMS monitors both fire alarm system and fire system control. The same are included in the CP01 Scope of Works. The Contractor shall submit shop drawings to the Engineer for approval and necessary Interface shall be done by the CP01 Contractor

		North – South Commuter Railway (NSCR) Package CP01: Elevated Structures	
ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
		Appendix 4 shows only general scope demarcation, no specific demarcation. Without CP04 drawing information that shows scope demarcation, the Contractor cannot estimate the related CP01 cost. Please provide the necessary information for our	with other Contractors as per GS 100, Clause 126 and Appendix 4. Please also refer to GS 100 Clause 119 and 120.
40	PageCP01-B4-232	In Bid Bulletin No.6-67, your response ("These are interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4") does not address clearly the issue we would like you to clarify.	Fire System is within the Scope of Work of CP01. However, for Railway System (SCADA), the CP01 Contractor needs to provide I/O points in their BMS System and to conduct interface with the System/other Contractors as per GS 100, Clause 126 and Appendix 4.
		Appendix 4 shows only general scope demarcation, no specific demarcation. Without CP04 drawing information that shows scope demarcation, the Contractor cannot estimate the related CP01 cost. Please provide the necessary information for our pricing.	
41	PagesCP01-B4- 242, CP01-B4-243 and CP01-B4-245 And Book 6 of 11, Pages CP01-B6- 231 to CP01-B6-	Regarding your reply in Bid Bulletin No.6-72, respective NOTES seem not to tally with drawing, and not to incorporate each other, as listed below. However, we could disregard the NOTES so that we were able to follow the equipment No. indicated on the drawing since each NOTE had been already reflected. Is this understanding correct? Please clarify. (1) NOTES 2 on drawings CP01-B4-242 and 243, state "CHECK ACU UNITS TO BE	Yes, the Bidder's understanding is correct. The correct and applicable note for all Stations' drawings shall be: "CHECK ACW/ACC UNITS TO BE CHANGED TO PACW/PACC UNITS. ACW"

	North – South Commuter Railway (NSCR) Project (Malolos – Tutuban) Package CP01: Elevated Structures, 7 Stations and Depot			
ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE	
	233	 CHANGED TO PACW UNITS. ACW" (2) NOTES 1 on drawing CP01-B4-245, state "ALL ACU & ACW UNITS TO BE CHANGED TO PACC & PACW UNITS. ACC" (3) NOTES 2 on drawings CP01-B6-231, 232 and 233, state "ALL ACU UNITS TO BE CHANGED TO PACW UNITS. ACW" 		
42	Page CP01-B4-295 and General Bid Bulletin No. 5, Annex "A", Item 58	Reference:Clarification Request:Please provide us with the details on how the connection between existing DPWH culvert and new DPWH culvert is to be made at around Grid 19", as we do not know the details of the existing DPWH culvert, and we are not responsible for design.Response: Please refer to GS 100 Clause 113. Required shop drawing according to GS 100 Clause 120.4.According to the GS100 Clause 113, "the Employer shall manage the relocation of all known utilities necessary for the establishment of the Permanent Works prior to the Contractor taking possession of the Site". It is our understanding that the existing DPWH	Please refer to GS 100, Clause 113.2 and to the drawings in Book 3 of 11, Pages CP01-B3-014 and CP01-B3-015.	
43	Page CP01-B4-295 and	culvert falls under this category. Please confirm. <u>Reference:</u> Clarification Request:Existing culvert is indicated at Maypajo Creek,which will clash with the new DPWH culvert.	Please refer to GS 100, Clause 113.2 and to the drawings in Book 3 of 11, Pages CP01-B3-014 and CP01-B3-015.	

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE	
	General Bid Bulletin No. 5, Annex "A", Item 59	 Please clarify what to do with this existing culvert, and provide us with detailed information of the same. It is evident that the existing culvert must be demolished, including the part under water, as the new DPWH culvert needs sheet pile wall to be driven around it to prevent water to enter while constructing the DPWH culvert. Response: Please refer to GS 100 Clause 113. We are unable to understand how GS100 Clause 113 will be applied for the existing culvert at Maypajo Creek. Please tell us what to do. 		
		Book 5 of 11		
44	Page CP01-B5-017 and	Clarification Request: We observed that there is an existing PNR depot on the West side of the Caloocan Station. This area is imperative for stationconstruction and it is inside PNR	Yes, the Employer will demolish the existing Caloocan Stations prior to the Contractor taking possession of that part of the Site for construction of the station permanent works.	
	General Bid Bulletin No. 5, Annex "A", Item 61	 ROW, so it is inside the Site. Please specify when it will be demolished and by whom. Response: Please refer to GS 100 Clause 113. We are unable to understand how GS100 Clause 113 will be applied for the existing PNR depot on the West side of the Caloocan Station. Please tell us what to do. 	Please refer to GS 100, Clauses 104.1 and 104.1.9. The Contractor shall be responsible for making its own arrangements for identifying suitable land for all its Temporary Facilities and shall make any necessary arrangements with the owner/s of land required and shall be responsible for payments required for the use of the land.	

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE	
45	Pages CP01-B5- 443 to CP01-B5- 446 446 446	<u>Reference:</u> Valenzuela Station- Lighting System There is no layout for power (convenience outlet). Please provide it.	For Convenience Outlet (CO), provide CO at 1.5 meter each separate and continuous length of wall. Kindly use the load schedule in the drawing in Book 5 of 11, Page CP01-B5-441, Drawing No. NSCR- DWG-VAL-EL-5142.	
46	Page CP01-B5- 487, Drawing No. NSCR-DWG- VAL-SN-6104 Page CP01-B5- 230, Drawing No. NSCR-DWG- CAL-SN-6104 Book 6 of 1, Page CP01-B6-251, Drawing No. NSCR-DWG- MEY-SN-6104 Page CP01-B6- 506, Drawing No. NSCR-DWG- MAR-SN-6104 Page CP01-B6- 749, Drawing No. NSCR-DWG- BOC-SN-6104	Reference: Tapping of Urinal Kindly confirm if sanitary stubout for Urinal will tap to soil pipe instead of waste pipe.	Yes. Sanitary stub-out for urinal shall connect to soil pipe.	

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE	
	Book 4 of 11, Page CP01-B4-264, Drawing No. NSCR-DWG-TTB- SN-6104 Page CP01-B4- 529, Drawing No. NSCR-DWG-SOL- SN-6104 Tutuban Station Solis Station Caloocan Station Valenzuela Station Meycauayan Station Marilao Station Bocaue Station			
	1	Book 6 of 11		
47	PagesCP01-B6-208 and CP01-B6-209	<u>Reference:</u> <u>Meycauayan Station – Receptacle System</u> Please verify the overlapping homeruns for lighting system as follows: Homeruns to LPC-01 Ground Level -Circuits 1-10 Concourse Level -Circuits 1-11 Homeruns to LPC-02 Ground Level -Circuits 1-7	The ground level circuits are changed from 1-10 to circuit 13-22 homerun to LPC-01. The ground level circuit is changed from 1-7 to 13-19 homerun to LPC-02	

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE	
		Concourse Level -Circuits 2-3		
		Book 8 of 11		
48	Pages CP01-B8- 221 to 227, CP01- B8-236 to CP01- B8-239	<u>Reference:</u> Ceiling Finishes Please clarify conflict in ceiling finishes in Reflected Ceiling Plan (CP01-B8-221 to 227) and Schedule of Finishes (CP01-B8-236 to 239).	Please refer to Annex "C" of this GBB.	
		Please see Attachment 1 – Ceiling Finishes, included		
49	Book 9 of 11, Page	herein on the last page. In Bid Bulletin No.6-93, your response ("These are	The primary cable of the LP panels is included in the CP01 Scope of	
77	CP01-B9-235, Valenzuela Depot Building Works	interface requirements among Contractors. For details, please refer to GS 100 Clause 126 and Appendix 4") does not address clearly the issue we would like you to	Work and shall reach up to the handhole located on the external wall of the building.	
	(2/3)	clarify. Appendix 4 shows only general scope demarcation, no		
		specific demarcation. Without CP04 drawing		
		information that shows scope demarcation, the Contractor cannot estimate the related CP01 cost.	Please also refer to GS 100, Clauses 120.3 and 126.2	
		Please provide the necessary information for our pricing.		
50	Page CP01-B9-326	<u>Reference:</u> Column – Rebar Details	The Contractor shall prepare the shop drawings and necessary documents for such details and submit to the Engineer for approval prior to the commencement of Works as per GS 100, Clause 120.4.3.	
		Please provide rebar details for RC Column for Fence.		
	1	Book 10 of 11		
51	Page CP01-B10-	<u>Reference:</u>	For Light Repair Shop, please refer to Book 8 of 11, Pages CP01-B8-	

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE		
	 149, Drawing No. NSCR-DWG- CMV-AR-3151, Security House 1&2 Page CP01-B10- 089, Drawing No. NSCR-DWG- TMO-AR-3151, Track Maintenance Office Page CP01-B10- 011, Drawing No. NSCR-DWG-SH1- AR-3191, Light Repair Shop Page CP01-B10- 070, Drawing No. NSCR-DWG-SH2- PL-6611, Cat. Maintenance Vehicle Shop 	Schedule of Toilet fixtures Please provide the schedule of toilet fixture accessories and details at Security House 1&2, Track Maintenance Office, Light Repair Shop, and Cat. Maintenance Vehicle Shop.	Water Closet = 1set		

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE		
			Hook = 2set Electric hand Dryer =2set		
			Cat. Maintenance Vehicle Shop Urinal = 1set Water Closet = 2set Lavatory (Wall Hung Ceramic) = 2set Soap Dish = 2set Water Hose = 2set Water Hose = 2set Toilet Paper Holder = 2set Liquid Soap Dispenser = 2set Phenolic Board Toilet Partition = 2set Phenolic Board Toilet Door = 2set Hook = 2set Electric hand Dryer = 2set For all the specifications of these items, please refer to Book 8 of 11, Pages CP01-B8-064 to CP01-B8-65 and CP01-B8-586 to CP01-B8- 590. The Contractor shall deliver material samples from the Manufacturer, Producer, or Fabricator to the Engineer prior to		
		Book 11 of 11			
52	Part 2, Section VI, 3. Book 11 of 11, CP01-B11-013, 017	At Vestibule, Meeting Room and T&B, Ceiling finish differs as follow, CP01-B11-013 Metal Ceiling with 50mm Rockwool on top CP01-B11-017	Please use 600 x 600 x 12mm thk. Ceiling Boards on Aluminum T— Runners as indicated in the drawing in Book 11 of 11, Page CP01-B11- 017, Schedule of Finishes, Schedule of Doors & Windows.		

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE		
		••• 600 x 600 12mm thk Ceiling Boards on Aluminum Tee-Runners May we assume the one indicated on CP01-B11-017, i.e. 600 x 600 12mm thk Ceiling Boards on Aluminum Tee-Runners to be correct?			
53	Page CP01-B11- 013	On CP01-B11-013, please provide the specification and detail of counter at Vestibule.	The vestibule only serves, as anteroom to both T&B and Meeting room and the counter inside has no relevance. This shall be finalized during the construction stage.		
54	Pages CP01-B11- 013, CP01-B11- 015 and CP01- B11-017	The quantity of W1 differs as follows, CP01-B11-013 ··· 2 sets CP01-B11-015 ··· 4 sets CP01-B11-017 ··· 3 sets May we assume the one indicated on CP01-B11-015, i.e. 4 sets to be correct?	Please follow W1–2sets as indicated in the drawing in Book 11 of 11, Page CP01-B11-013, Floor Plan, Reflected Ceiling Plan and Roof Plan.		
55	Pages CP01-B11- 013, CP01-B11- 015 and CP01- B11-017	The quantity of W2 differs as follows, CP01-B11-013 ··· 11 sets CP01-B11-015 ··· 9 sets CP01-B11-017 ··· 10 sets May we assume the one indicated on CP01-B11-015, i.e. 9 sets to be correct?	Please follow W1–2sets as indicated in the drawing in Book 11 of 11, Page CP01-B11-013, Floor Plan, Reflected Ceiling Plan and Roof Plan.		
56	Part 2, Section VI, 3. Book 11 of 11, Pages CP01-B11- 015, 039	The Security Fence detail differs as follows, CP01-B11-015 RC CANPPY RC CANPY RC	 Please follow the Security Fence Detail shown in the drawing in Book 11 of 11, Page CP01-B11-039, Reinforcement Schedules and Details – Retaining wall. For Gate Details, the height shall be 2500mm from the top of the Retaining Wall. The Contractor shall submit Shop Drawings/Fabrication Drawings to the Engineer for review/approval prior to work execution as per GS 100 Clause 120.4.3. 		

REFERENCE CLAUSE/ SECTION	Package CP01: Elevated Structures, CLARIFICATION REQUEST CP01-B11-039	RESPONSE
	CP01-B11-039	
art 2, ection VI, .Book 11 of 11, age CP01-B11- 17 S 500. 505.7.2, age TS500-62	Image: Construction of the second	Please follow TS 500, Section 505.7, Clause 505.7.2 Station Building Pay Item Number 505(5) Self Leveling Epoxy Based Floor Coating for Interior Floor Finishes.
	Volume IV, Part 3 – Conditions of Con	tract & Contract Forms
ection VIII, articular onditions, Page C-12, Clause	Question regarding to Reply No. 96 of GBB 4 The reply states " <i>The lease shall be equivalent to</i> <u>7 %</u> of the zone value "	The lease rate has been reduced to 2% of the zonal value per month. Thus, PC Clause 1.1.6 is revised as follows: "Possession of parcels of land referred to in (d), (e), and (f) above, are is available for temporary use by the Contractor provided that the
ecti arti onc	ion VIII, cular litions, Page 2, Clause o Other	Volume IV, Part 3 – Conditions of ContItion VIII,Question regarding to Reply No. 96 of GBB 4CularThe reply states "The lease shall be equivalent to 7 %2, Clauseof the zone value "

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE		
NO. 59		It can mean i) 7 % is sufficient for the whole period, up to the end of the Defect Notification Period, or ii) 7% per one year is to be paid as the land lease Please clarify which understanding is correct. <u>Reference:</u> "Site" (a) NSCR ROW (b) Depot Compound (c) to (f) [] the Contractor must lease these parcels of land from PNR. [] 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 <u>per month</u> . Are the a) NSCR ROW & b) Depot Compound both	shall be equivalent to two percent (2%) of the zonal value of the actual area occupied per month." i) The lease rate of 2% of the zonal value of the actual area occupied per month is applicable until the Contractor turns over the land to PNR. ii) Please refer to the revision to PC Clause 1.1.6 above.		
	No. 119 No. 120, Pages 40 to 41 of 42	NSCR properties, and is the lease free of charge? As for the c) to f), are all these PNR ROW, and are all subject to lease at 7% of the Zonal Value monthly ,			

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		based on the actual area occupied?	the actual land area occupied by the Contractor.		
		PNR being a Government property, and NSCR, in effect, being a Philippine Government Project, will the Government be paying its own share of the lease value? Or will this lease amount in effect be included by the Contractor in its cost and be part of the Bid Price?Please clarify.	Please refer to the revised PC Clause 1.1.6 in item 58 of this Annex and item 1 of Annex "B" of this GBB to be included in the Bid Price.		
		Related to this, is the lease rate surely 7% of the Zonal Value monthly (and not yearly?) , based on the actual area occupied by the Contractor monthly (and not yearly?) ?	Please refer to the revised PC Clause 1.1.6 in item 58 of this Annex and item 1 of Annex "B" of this GBB.		
		If it was monthly , the lease fee of yards for the necessary period (30 months) would amount to more than PHP 1.4 Billion (see detailed calculation below):			
		• Tutuban station: $3,819 \text{ m}^2 \text{ x PHP } 5,544 \text{ (Zonal value) x 7% x 30}$ months = PHP 44,462,326			
		<u>CW1 yard:</u> 33,800 m ² x PHP 5,544 (Zonal value) x 7% x 30 months = PHP 393,513,120			
		<u>CW2 yard:</u> 39,600 m ² x PHP 11,950 (Zonal value) x 7% x 30 months = PHP 993,762,000			

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE		
60	Section VII	Total • • • <u>PHP 1,431,737,446</u> Therefore, we believe the correct requirement is in fact yearly ("per year"), and not monthly ("per month"). Please confirm.			
60	Section VII, Particular Conditions, Page PC-16, 14.7: Payment Related query: GBB No. 4 Annex A Item No. 1, Pages 1 to 2 of 7 GBB No. 8 Annex A Item No. 4 Annex C Annex D, Page 2 of 110	 <u>Reference:</u> The Employer shall be responsible for payment of value added tax to the Contractor [] 1. [] In turn, the Japanese contractors shall include in their billing and pass on the 12% VAT to DOTr. <u>Therefore, VAT (excluding that on imports) shall be incorporated into the Local Unit Prices (PhP) and Local Amounts (PhP) of the Bid Price.</u> Yes, VAT should be a separate line item in the Summary of Total Bid Price and the General Summary. Please refer to Annexes "C" and "D" of this GBB. We have misunderstood the underlined clarification in GBB No. 4 as the need to show the Value-Added Tax (VAT) for each BOQ price, as if the VAT was computed for each unit price of BOQ. With clarification Item No. 4 in Annex A of GBB No. 8, our understanding now is that individual BOQ prices shall not include the VAT, but instead the total VAT 			

	North – South Commuter Railway (NSCR) Project (Malolos – Tutuban)				
	DEPEDENCE	Package CP01: Elevated Structures	, 7 Stations and Depot		
ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE		
61	Page PC-20	 (currently at 12%) shall be calculated based on the total Philippines Peso equivalent of the local and foreign BOQ currencies, incl. Provisional Sum, using the exchange rate in ITB 34.1, and shall be shown under "Local Amount (PhP)" in the General Summary (Annex D), the same as the VAT amount under "Local Currency" in Schedule No. 3 of the Summary of Total Bid Price (Annex C). Is our understanding correct? Please confirm and specify. Eligible Source Country(ies) for Procurement of Goods and Services The total cost of goods and services procured from Japan shall not be less than sixteen percent (16%) of the Accepted Amount. With regard to the above, can "Overhead expense of Japanese company" be regarded and counted as services procured from Japan ? 	Yes, the Bidder's understanding is correct. Please also refer to Annex "E" of this GBB for the revised Summary of Total Bid Price" of Volume IA, Bill of Quantities. Please also refer to Annex "D" of GBB No. 8 for the revised "General Summary" of the Bill of Quantities. Please refer to the Operational Rules of Special Terms for Economic Partnership (STEP) of Japanese ODA Loans, February 2017, Article 6, Item 2, sub-clause 2(b)(ii) and 2(b)(iii).		
	Volume V, Part 4 – Site Data				
62	Final Report: Geotechnical Investigation Report for the Detailed Design Study of the North- South Commuter Railway (NSCR) Project	As part of our preparation of the Bid, we visited the Caloocan depot for core confirmation on July 23, 2018	The rock core samples for all the locations are stored in the freight cars in the Caloocan Depot, under the control of the Employer.		

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE		
	(Volume 11 of 12),	(i.e. prior to Bid submission).			
	Photos: SPT and Core	There was an old freight car (shown on the left) where the core samples were stored, but we could not find there any core samples of rock (such as sandstone, siltstone, andesite or basalt) for NSCR.Nonetheless, Volume 11 of 12 of the Final Report shows photos of rock core samples.Does the Employer or the Engineer store rock core samples in another location?Please confirm and specify.			