

# **ANNEX "A"**

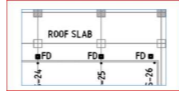
## **Responses to Clarification Requests (Batch 5) General Bid Bulletin No. 13**

**MALOLOS-CLARK RAILWAY PROJECT (BLUMENTRITT EXTENSION) AND SOUTH  
COMMUTER RAILWAY PROJECT for PACKAGES CP S-01 AND CPS-02; CONSTRUCTION OF  
CIVIL STRUCTURES: VIADUCTS, BRIDGES AND FOUR STATIONS**

CP S01-S02 Responses to Bid Requests (Batch 5)

No.	Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
1	S-01	Vol. 1	Sec. 4	BF 31	Programming Proposal - Construction Schedule	Time Chaining Diagram	Please confirm the limitation of working hour since the project location is in the city?	GCR will not state the regulations - bidders must research and comply. rack ban - DOTr to confirm if there will be relaxation for Build Build Build Projects.
2	ALL	Vol. 2 Part II	Sec. 6.1 Specifications				Does the Employer require Project Information Management System such as Aconex or any other similar system?	Aconex will be used on the project. Revised Volume 2, GS Appendix 9 will be issued in Addendum 2.
3	S-02	Vol. 2			Toilet Emergency Call System		Requesting for Technical Specifications	Bidder is advised that the TS 700 will be updated and issued in Addendum 3
4	S-01	Vol. 2	Book 2 MFPS / CP S-01_04_BLU_ME_PL_SN_FS	NSRP-DWG-BLU-ME-5661	Blumentritt Station - Mechanical Building Automation System		Please provide the required EER for each Airconditioning Unit.	Fan Coil Unit EER is 10.3
5	S-01	SCRIP_Vol. 2 Part 2	Sec. IC TS 700 Electrical 20200918	114	711 Lightning Protection System, 713.3.1 (9)	"The building frame shall be connected to the earth mat by 120mm <sup>2</sup> stranded copper conductors"	Based on technical specification, 711.3.1 Item no 9, stating "The building frame shall be connected to the earth mat by 120mm <sup>2</sup> stranded copper conductors.", please clarify if there is an earth mat and kindly provide details.	Earthing mat design is scope by others but these will be interconnected with the station earthing. Earth resistance test should meet the minimum requirement of 5 ohms. This earthing mat shall design by NS-01, the material will be supplied by Civil works, and installed by CTS-01 (Civil work) & NS-01.
6	S-01	CP S-01 Vol.1A SCRIP_Vol. 2 CP S-01_03_BLU_EL	Part 2 Sec. 6.1C TS 700 Electrical Sec.4A BOQ/ Bill No.4	151-157 NSRP-DWG-BLU-EL-5701 T/S No.703/ ITEM No.703(7)a	716 FIRE DETECTION AND ALARM SYSTEM BLUMENTRITT STATION FIRE DETECTION AND ALARM SYSTEM SCHEMATIC DIAGRAM		Kindly clarify what type of wire to be used in FDAS system, which will prevail:	Wire in plans will govern. TS 700 revised will be revised and issued in Addendum 3. Contractor/vendor to validate all system components based on manufacturer's recommendation.
7	S-01	Vol.1 Vol.1A	Sec.6.1C, TS-200/ Sec.5, BOQ		Clause 201/ Item Nr. 201(4)a	Method of measurement for excavation	Please clarify if remeasurement of excavation includes workspace of sufficient size to permit the placing of formworks for the structures since it was not expressly mentioned in the method of measurement	TS 201.1.1.1 will be appropriately updated to reflect the excavation measurement method and will be issued as part of Addendum 2.
8	S-02	Vol. 2	Book 2 / Arch	NSRP-DWG-STA-AR-3031		ARCHITECTURAL	Please provide the missing Architectural Drawings. See <a href="#">Annex A</a> .	Drawings will be corrected issued in Addendum 3
9	S-02	Vol. 2	Book 2 / Arch	NSRP-DWG-ESP-AR-3034		ARCHITECTURAL	Please confirm values of ceiling heights of rooms in General Interior Schedule of Finishes. See <a href="#">Annex B</a> .	Interior ceiling height can be found in NSRP-DWG-ESP-AR-3431, NSRP-DWG-ESP-3432.
10	S-02	Vol. 2	Book 2 / Arch	NSRP-DWG-PAC-AR-3432		ARCHITECTURAL	Please provide the type of material for the missing Ceiling Finish Symbol. See <a href="#">Annex C</a> .	NSRP-DWG-PAC-AR-3432 will be updated to include ceiling finish symbols. Drawing will be issued in Addendum 3
11	S-02	Vol. 2	Book 2 / Arch	NSRP-DWG-PAC-AR-3033		ARCHITECTURAL	Please verify schedule of finishes. See <a href="#">Annex D</a> .	Sheet NSRP-DWG-PAC-AR-3033 to have an updated Schedule of Finishes and will be issued in Addendum 3.
12	S-02	Vol. 2	Book 2 / Arch	NSRP-DWG-PAC-AR-3515		ARCHITECTURAL	Please verify the Floor Finish Material Type for F11. See <a href="#">Annex E</a> .	Sheet NSRP-DWG-PAC-AR-3515 to have updated floor finishes and will be issued in Addendum 3
13	S-02	Vol. 2	Book 2 / Arch	NSRP-DWG-PAC-AR-3519		ARCHITECTURAL	Please provide the detailed plan/Floor finish type for the crossing bridge. See <a href="#">Annex E</a> .	Sheet NSRP-DWG-PAC-AR-3519 to have an updated drawing showing crossing bridge floor finishes will be updated and issued in Addendum 3.
14	S-02	Vol. 2	Book 2 / Struc	NSRP-DWG-PAC-AR-3519 NSRP-DWG-PAC-ST-4302		STRUCTURAL	Please verify the number of reinforcing bars for bored pile. See <a href="#">Annex G</a> .	Bored pile reinforcement is 42-036. Detail on sheet NSRP-DWG-PAC-ST-4301 updated as rev 21.2 and is issued in Addendum 2. Pile cap reinforcements updated on sheet NSRP-DWG-PAC-ST-4302 as rev 21.2 and is issued in Addendum 2.
15	S-02	Vol. 2	Book 2 / Struc	NSRP-DWG-PAC-ST-4436 NSRP-DWG-PAC-ST-4121		STRUCTURAL	Floor framing plans does not show slab mark. See <a href="#">Annex H</a> . Please clarify.	Cantilever slabs are located at the Platform Level and Roof Level. Sheet NSRP-DWG-PAC-ST-4131 updated to note location of slab marks. Sheet NSRP-DWG-PAC-ST-4141 schedule was also updated as rev 21.2 and issued in Addendum 2.
16	S-02	Vol. 2	Book 2 / Struc	NSRP-DWG-PAC-ST-4126		STRUCTURAL	Columns don't match with columns indicated on floor framing plans. See <a href="#">Annex I</a> . Please clarify.	Elevations on sheet NSRP-DWG-PAC-ST-4207 updated as rev 21.2 and was issued in Addendum 2.
17	S-02	Vol. 2	Book 2 / Struc	NSRP-DWG-PAC-ST-4126		STRUCTURAL	Please indicate beam marks. See <a href="#">Annex J</a> .	Plan on sheet NSRP-DWG-PAC-ST-4126 updated as rev 21.2 and was issued in Addendum 2.
18	S-02	Vol. 2	Book 2 / Struc	NSRP-DWG-PAC-ST-4111 NSRP-DWG-PAC-ST-4207		STRUCTURAL	Beam mark does not match with beam mark indicated on frame elevation. See <a href="#">Annex K</a> . Please clarify.	Elevations on sheet NSRP-DWG-PAC-ST-4207 were updated as rev 21.2 and were issued in Addendum 2.
19	S-02	Vol. 2	Book 2 / Struc	NSRP-DWG-PAC-ST-4436		STRUCTURAL	W35 is included on wall schedule/ details but not shown on framing plans. Please indicate mark for highlighted parts. See <a href="#">Annex L</a> .	Schedule on sheet NSRP-DWG-PAC-ST-4436 was updated as rev 21.2 and was issued in Addendum 2.
20	S-02	N/A		N/A	N/A	N/A	Please provide list and number of representatives/witnesses for FAT.	The Bidders shall assume a total number of 6 persons for each FAT requirement (this includes Employer and Engineer representatives).
21	S-02	CP S-02_Vol-2	Book-2_Arch-MFES_DWG_20201202	NSRP-DWG-PAC-SN-6110	NSRP-DWG-PAC-SN-6110		Please provide size of Floor Drain and Piping layout of Floor drain connection to Downspout at Intermediate Level of Paco Station.	The size of Floor Drain and Piping layout of Floor drain connection to Downspout at Intermediate Level of Paco Station was already reflected in the drawings refer to NSRP-DWG-PAC-SN-6110 rev 21.2 issued in Addendum 2

CP S01-S02 Responses to Bid Requests (Batch 5)



									
22	S-02	N/A	N/A	N/A	N/A	N/A	Please provide Technical Specification of Fire Alarm Annunciator Panel and Fire Alarm Panel.		TS 700 will be revised and issued in Addendum 3
23	S-02	Vol. 1	Sec. 4	BF43	BIM and CMMS Implementation	The Bidder shall prepare and submit with its Bid proposal an outline BIM Implementation Plan that demonstrates its full understanding of the BIM and CMMS requirements and sets out the Bidder's proposals for the Implementation of BIM and CMMS generally within its area of operations and in its interfaces with other contractors and stakeholders. In addition to the 2-D designs, the Employer will provide BIM design at level LOD 300 post Award of Contract to aid interface coordination. The Contractor is required to develop the BIM to level LOD 500 for as-built drawings and to create a list of assets to be registered and monitored in CMMS. Details are included in General Specification and Appendix 9 PMIS.	We would like to kindly inquire if the Employer can share specification and the Employer's requirement associated with the BIM implementation.		Bidder to refer to the following documents issued in Addendum 2 for the BIM Guidelines: GS Appendix 15 BIM Information Management Flow GS Appendix 17 Information Management Flow
24	S-02	Vol. 2, Drawings (Civil/Via00)	Book 1/Bridge & Viaduct		DWG N°. NSRP-DWG-VIA00-ST-0062	Typical section without or with OCS pole	In order the contractor plan the sequence of moulds and rates on the Precast Yard, would you kindly clarify the number of OCS pole it would be considered and if this special section will be positioned in the same segment in each span.		No.357 is OCS Poles it is under-design. The relevant drawings will be available with Addendum. 3
25	S-01	Vol. 1 & Part 1A	Sec. 4	21 of 84	Bill of Quantities, No. 3, Part A	Item 201(2)a of pile cap excavation in dry condition, 201(4)d of backfill, and 201(5)b of pile cap excavation (in dry conditions) (unsuitable materials)	Please confirm that the volume of excavation and backfilling for all these items are excluding the volume of extra excavation for slope stability.		TS 201.1.1.1 will be appropriately updated to reflect the excavation measurement method and will be issued as part of Addendum 2.
26	S-02	Vol. 1A, Part 1	Sec. 4A Bidding forms -Bill of Quantities.		Preamble Paragraph 2	"2. This Contract is an admeasurement contract for the design (to the extent specified in the Contract), execution, completion and remedying any defect in the work of Civil works as specified in the Contract."	Please Clarify the rules and general principles applicable to the Admeasurement Contract.		The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer. Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities.  Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3.
27	S-02	Vol. 3 Part 3	Sec. 7 General Conditions of Contract	CF1	Bottom Paragraph	"The Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract and cannot be used for other types of contract."	Please Clarify how will it work an Admeasurement Contract in regards Payments for the work actually performed during construction?		The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer. Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities.  Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3.
28	S-02	Vol. 2 Annex A, TS 200	Sec. 6 IB GS Appendix 8, Milestone payment Schedule	i.e. 204.1.1.3 Bored Piles		From Annex A, TS200 204.1.1.3: The measurement for payment for bored piles shall be the sum of actual lengths in "linear meter" of the piles cast and left in-place in the completed work and accepted by the Engineer. Measurement shall be from the pile tip to the bottom of cap or footing. Portions of piles cast deeper than the required length through over-drilling shall not be measured for payment... From Appendix 8: ... It will use averages, i.e.: 1. Total number of piles x pile lengths and diameter divided by the number of pier foundations...	The Bidder considers there is inconsistency between method of payment as explained in Annex A and payment methodology described under Appendix 8. Bored piles is provided as an example however, this is applicable across the BOQ. Under Annex A, states that the basis for certification and payment will be actual quantities performed as measured under the relevant clause of Annex A. However, appendix 8 appears to refer to certification and payment based on an average calculated from unannounced quantities from the BOQ with Piles paid, for the example given, on a per pier basis. Q1: Can the employer please clarify if the actual quantities performed will be the basis for certification?, or is the Employer suggesting the use of average quantities based on BOQ quantities as the basis for certification and payment?		The actual quantities accomplished or performed in conformity with the drawings and technical specifications, as measured and accepted by the Engineer shall be the basis for payment / certification. This is consistent with the provisions as set forth in the Technical Specifications TS 200 Annex A Section 204-Bored Piles; Sub-Section 204.1-Measurement and Payment; Clause 204.1.1.3. The GS Appendix 8 is intended for the establishing of the (Milestone) Payment Schedule which is proposed to be created and agreed between the Contractor and the Employer / Engineer for ease of the processing of Interim Payments.
29	S-02	Vol. 2 GS Appendix 8, Milestone payment Schedule	Sec. 6 IB / GS Appendix 8, Milestone payment Schedule			This payment Schedule is not for the agreement of Ad measurement for Final Account purposes. The Ad measurement process will occur in parallel with the Interim payments but not be accounted for initially.	Can the employer please explain when does it intend to apply the Ad measurement adjustment? Can the employer please provide a definition of Final Account? what does the employer mean by stating that "Ad measurement process will occur in parallel with the Interim payments but not be accounted for initially" For the avoidance of doubt the Bidder expects that any change in quantities/scope will be evaluated at the time of the change materialising, and will be subject to payment as part of the interim payment certification as soon as the works are performed by the Contractor. Please confirm that this is also the intent of the Employer.		1. The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer.  Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected.  Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3  2. Bidder is referred to revised GS Appendix 8 issued in Addendum 3.
30	S-02	Vol. 1A, Part 1	Sec. 4A Bidding forms -Bill of Quantities.		Preamble Paragraph 2	"2. This Contract is an admeasurement contract for the design (to the extent specified in the Contract), execution, completion and remedying any defect in the work of Civil works as specified in the Contract."	The bidder is trying to understand the concept of Admeasurement. Please clarify the following scenarios: What will be the quantity to be billed if actual quantities differ from those specified at the Tender Bill of Quantities, i.e. Bill 2 Part B item 103(1) b Embankment 49,400cum in Tender BoQ, however, in circumstances where due to an inaccurate topographic survey and without any changes to the Tender drawings/design or variation/instruction given by the engineer: a) the actual quantity performed exceeds the BOQ reaching 60,000 cum; and b) the actual quantity performed is less than the BOQ only reaching 35,000 cum; to set the maintenance road? (same situation for other Items along the BoQ)		The work is Detailed Design and the Bills of Quantities were measured to reflect the Detailed Design. This means that with limited exclusions there will be no reason to remeasure the works. Admeasurement is the measurement of change from the Detailed Design to the revised design as instructed. This will not require wholesale remeasurement. The quantity to be billed should be the actual quantities accomplished in-place and in conformity with the drawings and specifications, as measured and accepted by the Engineer. Bidder is advised to refer to FIDIC Clause 12.2 b)
31	S-02	Vol. 3 Part 3	Sec. 7 General Conditions of Contract	CF1	Bottom Paragraph	"The Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract and cannot be used for other types of contract."			"1. The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer.  Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected.  Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3  2. Bidder is referred to revised GS Appendix 8 issued in Addendum 3."
32	S-02	Vol. 1A, Part 1	Sec. 4A Bidding forms -Bill of Quantities.		Preamble Paragraph 2	"2. This Contract is an admeasurement contract for the design (to the extent specified in the Contract), execution, completion and remedying any defect in the work of Civil works as specified in the Contract."	The bidder is trying to understand the concept of Admeasurement. Please clarify the following scenarios: What will be the quantity to be billed if actual quantities differ from those specified at the Tender Bill of Quantities, i.e. Bill 3 Part B.4 item 206(3) a) Fabrication and Erection of Structural Concrete Class 50 MPa for Precast Segmental Box Girder (W=10.3m, H=2.4m) 40,510cum in Tender BoQ, however, the Contractor realises during execution of the Works that due to an error in the quantities take-off calculation in the Tender BOQ and without any changes to the Tender drawings/design or variation/instruction given by the engineer: a) the actual quantity required to perform the Precast Segments will exceed the BOQ reaching 60,000 cum; and b) the actual quantity required to perform the Precast Segments is less than the BOQ only reaching 35,000 cum; (same situation for other Items along the BoQ)		1. The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer.  Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected.  Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3
33	S-02	Vol. 3 Part 3	Sec. 7 General Conditions of Contract	CF1	Bottom Paragraph	"The Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract and cannot be used for other types of contract."			1. The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer.  Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected.  Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3
34	S-02	Vol. 1A, Part 1	Sec. 4A Bidding forms -Bill of Quantities.		Preamble Paragraph 2	"2. This Contract is an admeasurement contract for the design (to the extent specified in the Contract), execution, completion and remedying any defect in the work of Civil works as specified in the Contract."	The bidder is trying to understand the concept of Admeasurement. Please clarify the following scenarios: how will be the Bill of Quantities amended i.e. Bill 3 Part B.1 item 204(2)c: Bore Pile (1500mmØ), (in dry conditions) 20,000lm in Tender BoQ, however, due to a changes to the Tender drawings/design or variation/instruction given by the engineer it is estimated that an additional 10,000lm will be required to complete the work? Will the Engineer remeasure quantities for that item across the entire project (ie remeasure all piles) or will the Engineer only calculate the increase in quantities associated to only those bore piles affected to design changes (10,000lm) and add the variance to the original BOQ (20,000lm) . (same situation for other Items along the BoQ)		1. The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer.  Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected.  Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3
35	S-02	Vol. 3 Part III	Sec. 7 General Conditions of Contract	CF1	Bottom Paragraph	"The Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract and cannot be used for other types of contract."			1. The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer.  Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities.  Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3
36	S-02	Vol. 3, Part 2 Conditions of contract	Sec. 7 General Conditions of Contract, Appendix 8 Milestone Payment Schedule sample			"For ease of the processing of Interim Payments, it is proposed to create and agree a Milestone Payment Schedule between the Contractor and the Employer / Engineer. This will be based on the Accepted Contract Amount, less Provisional Sums."	Please confirm if this is mandatory or as stated "Proposed" the contractor can choose not to follow this payment schedule sample and stick to the actual quantity performed per month at the Certification Payment System.		Reference GS, Appendix 8, the Bidder is advised that the Engineer shall make a decision on this matter post-award.

**CP S01-S02 Responses to Bid Requests (Batch 5)**


37	S-02	Vol. 2- Part 2 Requirements	Sec. 6-1 specifications - A General Specifications	GS 5	GS Specifications	<p>Item 103.3 Measurement and Payment</p> <p>"Fixed charges and time related charges shall be provided separately within Bill No. 1 General Requirements.</p> <p>Lump Sum Fixed charges will be once only payments for mobilization and demobilization. Lump Sum Time related charges will be spread over the Contract Period.</p> <p>The Contractor shall provide a detailed build up for each Lump Sum."</p>	<p>1. Please clarify at what extent of the contractor to achieve the "once only payment" of Lump Sum Fixed Charges for mobilization and demobilization.</p> <p>2. Kindly clarify and provide details on the documents required (proportional to certification, equal installment, etc.) to consider for the payment of the "spread over the Contract Period" of the Lump Sum Time related charges.</p>	<p>1) The contractor must satisfactorily comply with the provisions as set forth in the General Specifications (GS), Section GS 103, Sub-Section 103.2 and Clause 103.2.1 - Mobilization Requirements for the once only payment of the Lump Sum fixed charges for mobilization.</p> <p>The Demobilization, Lump Sum fixed charges will be once only payment for acceptance of all deliverables, removal of site establishment, equipment, surplus materials and waste, payment of all bills and leaving the site in the condition specified under Section GS 129.</p> <p>2) The BOQ shall be revised with the Time Related Charges' unit &amp; quantity in No. of Months. Updated BOQ is issued in Addendum 2.</p>
38	S-01	Vol 2	Sec. 6 IB/2.2 SCRP General Specification 201001	GS 90	GS 128 DEFECTS LIABILITY 128.1 General	<p>The Warranty Period for contractual spare parts, special tools and testing equipment or any other item of equipment delivered shall be thirty six (36) months (1,095 calendar days) from the date of delivery and acceptance by the Employer of such spare parts, tools and test equipment or any other equipment.</p>	<p>Please provide list of Contractual Spare Parts, Special Tools, and testing equipment as required for Warranty Period of 36 months.</p>	<p><b>Bidder is advised that list of contractual spare part is not available. Bidder shall provide, for any spare parts, special tools and testing equipment a Warranty Period of 36 months in accordance with GS Clause 128.1</b></p>
39	S-01	Vol 2	Sec. 6 IC TS/SCRIP TS 600_Amex A	TS-600- Annex A - 26	618 WASTWATER TREATMENT PLANT 618.1 Measurement and Payment	<p>Wastewater Treatment Plant shall be secured as the "Set"</p> <p>7) Fees / costs for Factory Acceptance Tests (FAT)</p>	<p>As per manufacturer standard, FAT is not part of their standard in constructing Wastewater Treatment Plant. Moreover, this system is normally assembled at site.</p> <p>Please confirm if FAT is required for Wastewater Treatment Plant.</p> <p>Will process proving of one year can be considered instead of FAT as it is being offered by locally available manufacturers?</p>	<p>1) Yes, FAT is required for WWTP in accordance to SCRIP TS 700_Amex A, Section 718</p> <p>2) FAT will be required.</p>
40	S-01	Vol. 1	Sec. 4A: Bill of Quantities	4	Preamble, Items 2 and 3	<p>2. This Contract is an admeasurement contract for the design (to the extent specified in the Contract), execution, completion and remedying any defect in the work of Civil works as specified in the Contract.</p> <p>3. The Bills of Quantities have been prepared by the Employer to provide a common and uniform basis for bidding. The quantities given therein are accurate and represent the work shown on the drawings, described in the Scope of Works and the Specification at the time of Bid Submission. The final quantities of the work to be carried out by the contractor in the fulfillment of his obligations under the Contract will be determined in accordance with Clauses 12 and 13 of the GCC.</p>	<p>1) The Bidder would like to request a definition of "admeasurement contract".</p> <p>2) In the case that actual quantities during implementation turn out to be different from the BOQ despite adherence to drawings, specifications and other requirements, will the contractor be allowed to re-measure under the "admeasurement contract"?</p> <p>3) How does an "admeasurement contract" compare with a "remeasurement contract" prescribed by FIDIC MDB Harmonised Construction Contract 2010?</p> <p>4) Volume 1, Section 4: Bidding Forms, Page BF7, "The quantities given therein are an estimate and are not to be taken as the actual, final and correct quantities of the work". Does this entitle the contractor a re-measurement of quantities should there be discrepancies between the BOQ and the actual quantities?</p>	<p>1. The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and/or Variations as instructed by the Engineer.</p> <p>Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities.</p> <p>Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3</p> <p>Bidder is also referred to revised Volume 1, Section 4: Bidding Forms, BF7 issued in Addendum 3</p>
41	S-01	Vol. 2	Sec. 6 - IB: General Specification	GS3	GS 103.1 Possession of Site and Access, Paragraphs 2 and 5	<p>Paragraph 2: ...the Employer shall provide the Contractor with the right of access to, and possession of so much of the Site as shall enable him to commence and proceed in accordance with the Program defined under G.S. 110.2.</p> <p>Paragraph 5: Where site possession is not available across the whole of the works, the Employer may give possession on a staged basis where portions are available. Full site possession will be given not later than 12 months after the initial staged possession has commenced.</p>	<p>We would like to request for a percentage or chage if possible, of the portion of the Site that the Employer will provide initial access and possession to the Contractor.</p>	<p><b>Bidder shall assume free and clear land on commencement date for the purposes of its bid. Bidder shall also refer to GS 103.1</b></p>
42	S-01	Vol. 3	Sec. 8: Particular Conditions of Contract	PCC3	Part A - Contract Data, Clause 2.1, Time for access to the Site	<p>As notified by the Employer, pursuant to a Site Access Delivery Schedule. This Schedule will be issued by the Employer during the bidding period.</p>	<p>We would like to request for the Site Access Delivery Schedule</p>	<p><b>Bidder is advised that further information regarding land access will be issued in Addendum 3.</b></p>
43	S-02	Vol. 2	Book 1 / CP S-02 Drainage	NSRP-DWG-VIA02-DR-4060 Rev 21 NSRP-DWG-VIA02-DR-4120 Rev 21 NSRP-DWG-VIA02-DR-4140 Rev 21 NSRP-DWG-VIA02-DR-4180 Rev 21 NSRP-DWG-VIA02-DR-4190 Rev 21 NSRP-DWG-VIA02-DR-4190 Rev 21*	Box Culvert	<p>Section 2.2.4 of the Scope of Works states that the relocation of existing PNR tracks will be carried out by PNR prior to commencement of works. However, drawings mentioned herein show that at creek locations, these relocated tracks are supported by proposed box culverts which are part of the scope of the contractor. Will PNR construct these culverts or part thereof to complete the relocation of the tracks prior to commencement of works for S-02? If this is not the case, please clarify the division of responsibility and work arrangement at these sections.</p> <p>Please refer to pages 45, 54, 57, 59 and 61 of drawing set 02_CP S-02_Mainline Drainage</p>	<p>Relocated canal shown on the drawing shall be constructed by the bidder. Proposed canal shown on the drawing shall be done by others.</p>	
44	S-02	Vol. 2	Book 2 / CP S-02 Structural	NSRP-DWG-VIA02-ST-0029 Rev 21 NSRP-DWG-VIA02-ST-0303 Rev 21	PNR Temporary tracks at Paco Station	<p>Drawing NSRP-DWG-VIA02-ST-0029 Rev 21 shows there are 2 stages of PNR track relocation necessitated by the track alignment going through the middle of proposed station. Please confirm our understanding that upon completion of foundations for the Northbound side, PNR, upon the direction of the Employer, will carry out the stage 2 relocation of temporary tracks such that the foundations for the Southbound side can start.</p> <p>If the understanding is correct, please provide duration of which PNR will carry out this stage 2 relocation for our consideration.</p>	<p>The stage 2 shall be done by the bidder. Please take into account this work to the scope of the work.</p>	
45	S-02	Vol. 3	Sec. 7 Ref. GCC 14.1		The Contract Price	<p>The following sentence under Clause 14.1 shall not apply: Notwithstanding the provisions of subparagraph (b), Contractor's Equipment, including essential spare parts therefor, imported by the Contractor for the sole purpose of executing the Contract shall be exempt from the payment of import duties and taxes upon importation.</p>	<p>Please provide us complete copy of Clause 14.1 from GCC for our reference.</p>	<p><b>Bidder is advised to refer to FIDIC Pink Book Clause 14.1 that shall be read in conjunction with Volume 3, Particular Conditions PCC, Part A-Contract Data, Clause 14.1 and Part B - Specific Provisions</b></p>
60	S-02	Vol 2	Sec. 6, IC - Technical Specifications Part II Requirements	TS200 - 55	Substructural Work Foundation Works	<p>Geotechnical Investigation works</p>	<p>Section 204.2.7.2 states that the location of bore holes will be at the centerline of each pier and abutment of the bridge/viaduct along the centerline of the alignment. Please confirm if the investigation will also be required where previous boreholes have been done at pier locations as shown in the drawings.</p> <p>In addition, since the specification does not mention any borehole location where the alignment is at-grade (From Sta 7+531.721 to Sta 7+901.173), please confirm if this is required in this location and if yes, if the quantity has been included in what is stated in the BOQ.</p>	<p>If previous boreholes have been done at pier location, then the bidder can omit borehole at this pier location.</p>
46	S-02	Vol. 2	Book 1 (Civil)	NSRP-DWG-VIA00-ST-0402	Maximum Concrete placement Temperature	<p>Maximum Concrete Placement Temperature should be kept at 24 deg for 40MPa</p>	<p>Please review and confirm the 24 deg concrete is requirement or suggest any other alternative. The concrete delivery to achieve may not be practical due to unforeseen traffic condition and serious traffic jam in most of the time.</p>	<p><b>The maximum temperature of fresh concrete at time of placing should be between 26 to 30 degree C and should be achieved through normal precautions at the mixing plant, for working in hot, humid climates. The Contractor shall comply with the recommendations of TS200 Clause 206.7.8.4 with regard to pre-cooling and TS200 Clause 206.7.8.5 and TS200 Clause 206.7.8.5 regarding the cooling of the concrete. At no stage during the concreting process should the temperature of the fresh concrete exceed 35 degree C.</b></p>
47	S-02	Vol. 2	Book 1 (Civil)	NSCP-DWG-VIA00-ST-0320	Timing for Static Load test	<p>Timing for Static Load test</p>	<p>Please confirm the timing for the static load test for pile whether it is before or during the production pile</p>	<p><b>The static load test for working pile shall be carried out during the production of piles.</b></p>
48	S-02	Vol. 2		Pre-bid	Target Commencement Date CP S-02	<p>Target Commencement Date CP S-02</p>	<p>Please confirm the commencement date of CP S-02.</p>	<p><b>Bidder to assume commencement date in Q2 of 2022.</b></p>
49	S-02	Vol 2	Sec. 6, Scope of Works Part II Requirements	SOW-13	Demolition of structures	<p>Demolition of structures</p>	<p>Section 2.2.4 of the Scope of Works states that the relocation of existing PNR tracks will be carried out by PNR prior to commencement of works. Please confirm our understanding that the relocation work mentioned in this section includes demolition and clearing of existing PNR structures which will clash with the alignment of NSRP.</p>	<p><b>The existing PNR bridge shall be demolished by others prior to the commencement of the Works.</b></p>
50	S-02	Vol. 2	Book 1 (Civil)	NSRP-DWG-VIA02-ST-0023 Rev 21	Pasig River bridge foundation	<p>Pasig River bridge foundation</p>	<p>Section 2.2.8 of Scope of Work suggests that the existing PNR Pandacan Bridge across Pasig River will be demolished by PNR prior to commencement of CP S-02 works. Please confirm our understanding that this work will include demolition and clearing of all the substructures including existing pile caps.</p> <p>In relation to the above, we hereby raise here that the design location of bored piles are located where the existing PNR piers are and potentially the new NSRP bored piles will clash with old PNR bored piles which are being assumed to be left in place after demolition works by others. Please clarify.</p>	<p><b>The existing PNR bridge including pile caps shall be demolished by others prior to the commencement of the Works.</b></p>
51	S-02	Vol 2	Sec. 6, Scope of Works Part II Requirements	NSRP-DWG-VIA02-ST-0023 Rev 26 to 27	Demolition of structures	<p>Demolition of structures</p>	<p>The drawings mentioned show the 2 existing viaducts namely Paco - Sta Mesa Flyovers will be decommissioned. We assume that this will be demolished and cleared by others prior to commencement of CP S-02. Please confirm.</p>	<p><b>This will be a scope of CPS-02. 320m of each direction conflicted with structures shall be demolished.</b></p>
52	S-02	Vol 2	Book 1 (Civil)	NSRP-DWG-VIA00-ST-0402	Note in drawings	<p>Concrete mix shall contain type GB cement with 65% GBS and MAX cementitious content of 400 kg/m<sup>3</sup> for 40MPa.</p>	<p>Leant from Item no.8 of GBB6 in Packages CP S-01 &amp; CP S-02 that the drawing is only recommendation. Please confirm there is no requirements to use GB cement.</p>	<p><b>Please get approval from the engineer during construction regarding the required Cement type.</b></p>

**CP S01-S02 Responses to Bid Requests (Batch 5)**

53	S-02	Vol. 2	Book 1 (Civil)	NSRP-DWG-VIA02-ST-0023 Rev 21	Outline of the new PNR temporary bridge across Pasig River	The drawings only show the centerline of the temporary relocation of PNR tracks across Pasig River, and it does not indicate the temporary bridge structure. Since the NSRP alignment will use the current alignment of the existing bridge, it does follow that the relocation by others will be done prior to NSRP. We hereby request the design drawings of the proposed PNR bridge as this impacts the construction of the NSRP bridge substructure owing to space constraints.	The relocation shall be done prior to the commencement of the Contract. The Drawings for proposed PNR bridge is not available. Please allow for similar size as the existing bridge.	
54	S-02	Vol. 3	Sec. 8/2.1, PCC, Supplementary Information		Site access	Could you kindly provide an update on situation/progress regarding: - RAP - Land Acquisition - Site Access Delivery Schedule - Realignment of the PNR	Bidder is advised that further information regarding land access and RAP will be issued in Addendum 3.	
55	S-02					Please clarify if the Area is cleared from all existing utilities to be relocated during the commencement of SCRCP CP S-02 Project. If any works tender which is out of scope or not in the BOQ provided, this shall be under the provisional sum	The works area shall be at the commencement of the Contract	
56	S-02	Vol. 3	Sec. 8	PCC3	2.1 Time for access to the Site	As notified by the Employer, pursuant to a Site Access Delivery Schedule. This Schedule will be issued by the Employer during the bidding period. This Schedule will form part of the Contract and its priority shall be governed by GCC Sub-Clause 1.5 (i)	Please provide Site Access Delivery Schedule  Bidder is advised that further information regarding land access will be issued in Addendum 3.	
57	S-02	Vol 2	Sec. 6-1A	SOW-24	Appendix 4 - Demolitions	Details to be provided in an Addendum when the results of the RAP Survey are known. 1. Demolitions arising from Resettlement: To be advised 2. Demolitions arising from PNR realignment (excluding Historic Buildings and Structures): To be advised 3. Demolitions of DPWH structures: To be advised 4. Demolition of at grade roads To be advised	Please provide the details mentioned to be provided  1. Refer to TS 101. 2. Demolition arising from PNR realignment shall not be a scope of the bidder. 3. The demolition of DPWH structure is Nagtahan Link which is involved with 320m in each direction. 4. Please refer to the drawings of the general arrangement.	
58	S-02	Vol 2	Sec. 6-1A	SOW-25	Appendix 5 - PNR works	PNR Works to be executed by the Contractor: To be advised	Please provide the details mentioned to be provided  Appendix will not provide further information.	
59	S-02	Volume 2	Book 1 (Civil)	NSRP-DWG-VIA02-ST-0023	NSRP-DWG-VIA02-ST-0023	When will be the finish date of removal of existing Bridge including its Foundation at Pasig River?	The existing Pasig River bridge shall be demolished prior to the commencement of the Contract.	
60	S-02	Vol.2	Sec. 6	GS 3	103.1 Possession of Site and Access	"...General Conditions of Contract (GCC) Clause 2.1 [Right of Access to Site], requires that the Employer shall give the Contractor right of access to, and possession of the Site within the time (or times) stated in the Contract Data..."	Please confirm that the Employer shall provide the Contractor with the right of access to, and possession of so much of the Site as shall enable the Contractor to commence and proceed in accordance with his Program. Please also confirm that the right of access to, and possession of the Site shall be given within such times as required to enable the Contractor to proceed without disruption in accordance with the programme submitted.	Bidder is advised that further information regarding land access will be issued in Addendum 3.
61	S-02	Vol.2	Sec. 6	GS 3	103.1 Possession of Site and Access	"...There are many utilities which cross / run along the PNR Right of Way..."	Please confirm that prior to award of Contract, the Employer shall divert / relocate those utilities to assist in providing Free and Clear land within such times as required to enable the Contractor to proceed without disruption in accordance with the programme submitted.	It is expected that major utilities will be diverted/relocated by the commencement date. However, the Contractor may be required to carry out some 'unexpected utility relocations' which is covered by a Provisional Sum in the bidding documents.
62	S-01	Vol. 3	Sec. 6	PCC3	2.1 Time for access to the Site	As notified by the Employer, pursuant to a Site Access Delivery Schedule. This Schedule will be issued by the Employer during the bidding period. This Schedule will form part of the Contract and its priority shall be governed by GCC Sub-Clause 1.5 (i).	Please provide Site Access Delivery Schedule  Bidder is advised that further information regarding land access will be issued in Addendum 3.	
63	S-01	Vol 2	Sec. No 6-1A	SOW-20	Appendix 4 - Demolitions	Details to be provided in an Addendum when the results of the RAP Survey are known. 1. Demolitions arising from Resettlement: To be advised 2. Demolitions arising from PNR realignment (excluding Historic Buildings and Structures): To be advised	Please provide the details mentioned to be provided  This information can not be provided during bidding stage.	
64	S-01	Vol 2	Sec. No 6-1A	SOW-21	Appendix 5 - PNR works	PNR Works to be executed by the Contractor: To be advised	Please provide the details mentioned to be provided  The bidder is not required to execute PNR works.	
65	S-01					When will the invoice be realized after the invoice is received completely and correctly by the owner from contractor? How many days it takes?	Bidder is requested to clarify the question and provide referenced text in bidding documents.	
66	S-01					Is there a price adjustment of the contract price (escalation)? If available when is the base time (B0)?	Bidder is requested to clarify the question and provide referenced text in bidding documents.	
67	S-01					Does the escalation apply to GOP and foreign currency?	Bidder is requested to clarify the question and provide referenced text in bidding documents.	
68	S-01					How many percent GOP and ADB portion of the payment for the contractor?	Bidder is requested to clarify the question and provide referenced text in bidding documents.	
69	S-01	Vol. 2	Sec. 6 1 Specifications C Technical Specifications & II Drawings			Kindly provide us with the following: 1.1 Exact location of 450kVAR & 150kVAR capacitor bank, LVSG, 750kVA Transformer, LP-UPS, UPS, and ATS. 1.2 Type and size of wires and conduit for the following: 1.2.1 Sub-feeder System. 1.2.2 Small power System. 1.2.3 Interior and Exterior Lighting system. 1.2.4 Tapping point from Earthing Busbar to MDB1, MDB2, MDB3, MDB4, MDB5, MDB6, and FP-DB. 1.3 Specification of outlet for disaster. (Ref Dwg. No. NSRP-DWG-BLU-EL-5510) 1.4 Complete description for lighting fixtures type: 1.4.1 CL2/D. (Ref. Dwg. No. NSRP-DWG-BLU-EL-5403 and 5404) 1.4.2 F3/D. (Ref. Dwg. No. NSRP-DWG-BLU-EL-5404, 5407 and 5408) 1.4.3 CL1/D. (Ref. Dwg. No. NSRP-DWG-BLU-EL-5403, 5404, 5407 and 5408) 1.4.4 F4/D. (Ref. Dwg. No. NSRP-DWG-BLU-EL-5407 and 5408) 1.4.5 F5/D. (Ref. Dwg. No. NSRP-DWG-BLU-EL-5408) 1.4.6 F1/E. (Ref. Dwg. No. NSRP-DWG-BLU-EL-5403, 5404, 5405, 5406, 5407, 5408, 5409 and 5410) 1.5 Load schedule of the control panel for fire pump and jockey pump.	1.1 Refer to drawing no. NSRP-DWG-BLU-EL-5201 to be issued as v21.3 on March 12, 2021 1.2 to 1.2.4 For conduit schedule, refer to drawing no. NSRP-DWG-BLU-EL-5085 v 21.2 and for wire refer to load schedule. 5500 to 5512A. 1.3 Outlet for disaster is similar to normal outlet. It was tagged as disaster to distinguish that the connection of power supply will be coming from DB ISO. 1.4 to 1.4.6 Refer to lighting calculation. Equivalent specs	
70	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Add1_20210125	Bill no.4	536(1)	FF5 Floor: 300 x 600 x 20mm Non-skid Polished Granite Floor Tile	Please provide the preferred color for item 536(1) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.
71	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Add1_20210125	Bill no.4	536(2)	FF7 Floor: 300 x 600 x 20mm Flamed Granite Floor Tile	Please provide the preferred color for item 536(2) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.
72	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Add1_20210125	Bill no.4	536(10)	30mm x 95mm, Flamed Granite Drain Gutter at Stairway	Please provide the preferred color for item 536(10) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.
73	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Add1_20210125	Bill no.4	536(11)	FF15 Floor: 300 x 300 x 20mm Granite Floor Tile Accent	Please provide the preferred color for item 536(11) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.
74	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Add1_20210125	Bill no.4	536(12)	T=30mm x W=50mm, Non-dip Granite Nosing	Please provide the preferred color for item 536(12) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.
75	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Add1_20210125	Bill no.4	537(1)	FF4 Floor: 600 x 600 x 9.5mm Double Charge Vitrified Ceramic Floor Tile	Please provide the preferred color for item 537(1) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.
76	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Add1_20210125	Bill no.4	537(6)	FF3 Floor: 300 x 300 x 9.5mm, Homogenous Unglazed Ceramic Floor Tile	Please provide the preferred color for item 537(6) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.
77	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Add1_20210125	Bill no.4	536(6)	B4: H=150mm, Honed Granite tile Baseboard	Please provide the preferred color for item 536(6) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.
78	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Add1_20210125	Bill no.4	536(7)	B4: H=100mm, Honed Granite tile Baseboard for Stairs	Please provide the preferred color for item 536(7) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.

CP S01-S02 Responses to Bid Requests (Batch 5)									
79	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Addl_20210125	Bill no.4	537(10)	B5: 150x300mm/600mm, Homogenous Unglazed Ceramic Tile Baseboard	Please provide the preferred color for item 537(10) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.	
80	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Addl_20210125	Bill no.4	536(5)	WF1 Wall: 300 x 600 x 20mm Honed Granite Wall Tile	Please provide the preferred color for item 536(5) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.	
81	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Addl_20210125	Bill no.4	537(3)	WF5 Wall: 300x300x 9.5mm Glazed Ceramic Wall Tile	Please provide the preferred color for item 537(3) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.	
82	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Addl_20210125	Bill no.4	536(8)	A2: T=30mm, Granite Washbasin Countertop	Please provide the preferred color for item 536(8) since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.	
83	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Addl_20210125	Bill no.4	536(8)a	T=19mm x W=220mm, Granite Lintel	Please provide the preferred color for item 536(8)a since there is a huge difference in the cost depending on the color, especially for granite.	The Contractor shall submit the material color subject for the recommendation of the Architect-in-charge and approval of DOTr.	
84	S-01	Site Data -03, SCRP Site Data Utilities Database and Drawings - S-01 - MCRP (Bla Est), CP S-01_Site Data_10.3_Vol_3 - Utilities Preliminary Relocation Plans		8/13	UTILITY RELOCATION PLAN KM 1+650 TO KM 1+800 SHEET 12		Proposal lines are clashing with the pile caps of Pier 8, Pier 9, and Pier 10. Please specify if there is any interface.	All utilities shall be relocated to not disturbing construction.	
85	S-01	Vol. 2	Sec. 6 IB General Specification	GS 104	130.1.1	Therefore, in order to avoid potential commencement and/or payment delays, drafts of these two instruments shall be submitted to the Engineer within a maximum of seven (7) days following the Contractors receipt of the Letter of Award.	Please revise the specified time to 14 days to be sufficient.	Bidder is advised that there will be no change to the specified time frame.	
86	S-01	Vol. 2	Sec. 6 IB General Specification	GS 104	130.2.1	The draft policies shall be submitted to the Engineer within seven (7) days of the Contractors receipt of the Letter of Award, and cover shall be arranged to commence under each policy within a further seven (7) days always provided that no adverse comment has been received.	Please revise the specified time to 14 days to be sufficient.	Bidder is advised that there will be no change to the specified time frame.	
87	S-01	Vol. 2	Sec. 6 IB General Specification	GS 60	118.7.2 - 2.i	The Contractor shall submit a company profile of their nominated GBV Service Provider as part of the Bidding Documents, for the Employer's assessment and approval.	According to the statement, The Contractor shall submit a company profile; however, this should be done within the Bidding Documents. Please clarify whether this statement valid for the contractor or all bidders.	Bidder is requested to clarify the question and explain what is meant by "for the contractor or all bidders".	
88	ALL	Vol. 2	Sec. 6 - IB General Specification, GS 118 ENVIRONMENTAL MANAGEMENT		118.7.6.	Archaeological Impact Assessment The GS Clause 118.7.9 states that:  The Chance Find Procedure describes the watching brief required of the contractor as he carries out piling, tunnelling, excavations or earth moving in areas designated in the Archaeological Impact Assessment or by the Proponent as likely to have buried cultural artefacts and where the proposed mitigation measure is investigation during Construction.  At the sites listed below (Table 118.7.6-1 Location of Archaeology Monitoring), the Construction Contractor will maintain an on-site Project Archaeologist who will monitor earth moving activities.	CONTRACTOR's understanding is that the Archaeological Impact Assessment, or the Proponent have already been implemented by the CLIENT and no such assessment is expected from the CONTRACTOR. CONTRACTOR's responsibility will include only implementation of watching brief activities and chance find procedures as detailed in the GS and ESIR. Please confirm.	The bidder's understanding is correct.	
89	ALL	Vol. 2	Sec. 6 - II: The Drawings	"02_CP S-01_VIA00" - 78	NSRP-DWG-VIA00-ST-1002	REFER TO DWG VIA00-ST-1251 FOR CAST IN INSERTS TO PARAPET UPSTANDS	DWG VIA00-ST-1251 is not available, please kindly provide it.	Correct drawing number in the note is "VIA00-ST-1271". Drawing NSRP-DWG-VIA00-ST-1002 shall be revised to show the correct drawing number.  The following drawing sheets containing the same notes shall be revised as well: NSRP-DWG-VIA00-ST-1022 NSRP-DWG-VIA00-ST-1041 NSRP-DWG-VIA00-ST-1051 NSRP-DWG-VIA00-ST-1061	
90	ALL	Vol. 1	Sec. 2	BDS 5	ITB 21.1	Bidders shall not have the option of submitting their Bids electronically.	Due to COVID-19 and travel restriction, we kindly request that electronic submission should be allowed.	For electronic submission of bid proposals, please refer to: Section 2 Bid Data Sheet (BDS), ITB 21.1 of D. Submission and Opening of Bids, BDS 5 "Bidders shall not have the option of submitting their Bids electronically"	
91	ALL	Site Data -19, SCRP Site Data Proposed Site(s) for Contractor - SCRP Item 10.19 Sites for Contractor - Revised		3-4	CP S-01		It is the bidder's responsibility to locate area.	The proposed site is for reference only and the bidder is required to allocate proposed site.	
92	S-01	Vol. 2	Sec. 6 - II: The Drawings	5/18	NSRP-DWG-VIA00-DR-0015		For the construction of the specified drainage channel, train services must be stopped according to the solution proposed by the client. Therefore, please confirm that trains will be allowed to be stopped for the required time. If the train services are not going to be stopped, please confirm that the client will accept the alternative solution proposed by the contractor.	PNR shall not stop his operation during oration hour. The bidder is required to utilize non- operation hour.	
93	ALL	Vol. 2	Sec. 6 III-Supplementary Information	Page 1-2	Resettlement Action Plan (RAP) and Land Acquisition	Contractor will be required to demolish the following: 1. Property remaining after RAP 2. Property remaining after land acquisition 3. PNR infrastructure including stations, buildings and bridges  After relocation, there will be a short period during which the owners / tenants / others may remove valuable items prior to the contractor being instructed to expend the Provisional Sum and demolish the redundant structures. The Programs is as follows:  The existing situation with respect to the resettlement program is indicated upon a series of drawings contained within a document entitled "Status of Site Acquisition Drawings", which is contained within the "Site Data" and is available for the Bidder's review.  Demolition of structures may be required to ground level and there will be ground slabs and foundations to remove. Existing utilities crossing / infringing the Right of Way have been identified. The Contractor may be required to divert / relocate these to facilitate the proposed construction works.  Surveys of existing trees and vegetation have been undertaken and permits to cut / root ball trees for replanting elsewhere will be requested prior to award of the construction contract. The Contractor may be required to undertake this work.  Surveys of unexploded ordnance may be undertaken prior to award of the construction contract. This is unlikely to be required for the South Line (Commuter) area. If the surveys identify the need to dig and expose unexploded ordnance, the Contractor may be required to facilitate the Philippines Military in executing this work.  Provisional sum have been included for work by the Contractor to achieve a clear site to enable the Works to commence / progress. 3. Time Charge Diagram	The bidder wants to clarify if the given dates are in accordance with the current situation?  The bidder wants to confirm that "the remaining properties after RAP and Land Acquisition" are the buildings or any other structure that have never been demolished and need to be demolished for the continuity of the work.	The given dates are indicative. The works area shall be available at the commencement of the Contract. The remaining properties after RAP and Land Acquisition are the buildings or any other structure that have never been demolished and need to be demolished for the continuity of the work.	
94	ALL	Vol. 1	Sec. 4 Bidding Forms	BF 33 BF 35	Access and possession of Site		As per the given note in the reference text, the amount of demolition work is unmeasurable. Also it is possible for some land owners and tenants to be delayed in vacating their properties. So the bidder wants to confirm that the Employer is responsible for the delay of the demolition works and to achieve a clear site according to given work schedule.  For the preparation of the schedule, the bidder wants to clarify exact duration for the demolition works including both the RAP, land acquisition processes and demolition of remaining properties by the Contractor until achieving a clear site.	Bidder is advised that further information regarding land access will be issued in Addendum 3.	
95	ALL	General		General	Warranty Period, Defect Liability Period, Defect Notification Period	Warranty Period, Defect Liability Period, Defect Notification Period	These 3 terms are used in different parts of the bid documentation. 1-Please confirm that they mean the same. 2-please confirm that the Warranty Period, Defect Liability Period, Defect Notification Period is 1(one) year from the date of System Acceptance.	Bidder is advised: 1. Defects Notification Period is the period from Practical Completion to Acceptance by the Engineer of a defect free project so that Completion has been achieved. This period is 12 months for civil and building works, E&M works may have a longer period. 2. Defects Liability Period is the same as Defects Notification Period. 3. Warranty Period is the period for particular items of equipment. Such warranties shall be passed to the Employer at end of Defects Notification Period.	
96	ALL	Vol. 2	Book 2, CP S-01 & 02_03_BLU_EL.pdf	68	NSRP-DWG-BLU-EL-5801	BMS Diagram	According to referred drawing, the interconnections and interfaces between stations' BMS system is not in our scope except OCS connection and interfaces. Please confirm.	Refer to drawings NSRP-DWG-BLU-EL-5801, NSRP-DWG-ESP-EL-5801, NSRP-DWG-STM-EL-5801, NSRP-DWG-PAC-EL-5801 (BMS Diagram) v21.2 the interconnection (FIBER or UTP Cable) from Switch hub in station office connected to OCC is scope of Railway System via SCADA.	
97	ALL	Vol. 2	Book 2, CP S-01 & 02_03_BLU_EL.pdf	68	NSRP-DWG-BLU-EL-5801	BMS Diagram	According to referred drawing, the interconnections and interfaces between stations' BMS system is not in our scope except OCS connection and interfaces. If so please please give more information about OCS connection fiber cable and telecommunication network scope/specification and related BOQ pose items.	Refer to drawings NSRP-DWG-BLU-EL-5801, NSRP-DWG-ESP-EL-5801, NSRP-DWG-STM-EL-5801, NSRP-DWG-PAC-EL-5801 (BMS Diagram) v21.2 the interconnection (FIBER or UTP Cable) from Switch hub in station office connected to OCC is scope of Railway System via SCADA.	
98	ALL	Vol. 2	Book 1, A, CP S-01 & 02_Bridge_Viaduct_02_CP S-01_VIA00.pdf	107	NSRP-DWG-VIA00-ST-1901	Lighting arrester details	Please give the installation intervals for required lightning arrester for viaducts.	Lightning arrester for viaducts is to be installed at each pier location.	
99	ALL	Vol. 2	Book 2, CP S-01 & 02_03_BLU_EL.pdf	59	Station Fire Detection and Alarm System Schematic drawings		Bidder is advised that CCTV and Access Control systems will be de-scoped from the Civils Contract Packages in Addendum 3.	Refer to drawing NSRP-DWG-BLU-EL-5811, NSRP-DWG-ESP-EL-5811, NSRP-DWG-STM-EL-5811, NSRP-DWG-PAC-EL-5811 (Low voltage power single line diagram) v21.2 for the size of UPS, connected to MDR2. All the critical load such as BMS,CCTV, Fire Alarm and Access control are connected to the UPS via LP-UPS panel.	
100	ALL	Vol. 2	Book 2, CP S-01 & 02_03_BLU_EL.pdf	70	Station CCTV System Diagram		There are some "firewall" and "router" on CCTV diagram drawings however no related item on given BOQ. Please clarify.	Bidder is advised that CCTV and Access Control systems will be de-scoped from the Civils Contract Packages in Addendum 3.	

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101	ALL	Vol. 2	Book 2, CP S-01 & 02_03_BUN_EL.pdf	47	Station Access control system schematic diagram	There are some "PDU" on Access control drawings however no related item on given BOQ. Please clarify.	Cost of PDU is to be included in the rate of PIN 715(2)0 -- Access Control Panel. For S-01, there is no Access Control System (i.e. Access Control System is not required). Refer to drawing NSRP-DWG-ESP-EL-5825, NSRP-DWG-STM-EL-5825, NSRP-DWG-PAC-EL-5825 (Access Control System Schematic Diagram), v21.2 we have Power Distribution Unit (PDU) and this shall be considered in the BOQ.
102	ALL	Vol. 2/Addendum 1, S01 & S02_03_TS_SCRP_Vol. 2 Part 2	Sec. IC TS 700 Electrical 2020121.pdf			The specification for station UPS ( LP UPS) is not given. Only BMS system UPS is mentioned. Please give the same.	Refer to TS-700 , SCR_P_Vol 2, page 139 for the UPS specification. LP-UPS is the Panel connected to UPS. Refer to drawing NSRP-DWG-BLU-EL-5011, NSRP-DWG-ESP-EL-5011, NSRP-DWG-STM-EL-5011, NSRP-DWG-PAC-EL-5011 (Low voltage power single line diagram) v21.2 for details.
103	ALL	Vol. 2/Addendum 1, S01 & S02_03_TS_SCRP_Vol. 2 Part 2	Sec. IC TS 700 Electrical 2020121.pdf			Diesel generator specification is not given. Only testing and commissioning of generators are mentioned. Please give the same.	Refer to updated TS-700 , SCR_P_Vol 2, page 196, Regarding Generator including Conditions of Contract and Specifications.
104	ALL	Vol. 2	Book 2, CP S-01 & 02_03_BLU_EL.pdf	55,56	Blumentritt Station Cable schedule Sheet 1-2	What does "FLA" stands for at referred cable schedule tables? the unit for "FLA" is also not given. Please clarify the meaning and the unit.	FLA stands for Full Load Amperage, unit is Ampere.
105	ALL	Vol. 1A BOQ Plumbing Works	Sec. 4A Bidding forms -Bill of Quantities.		607(2)e	Please provide related technical specification and details.	Please refer to TS600 Section 607 Pipeworks and Accessories. For details, refer to NSRP-DWG-BLU-PL-5811 Rev 21 and NSRP-DWG-STA-PL-7011 Rev 21
106	ALL	Vol. 1A BOQ Plumbing Works	Sec. 4A Bidding forms -Bill of Quantities.		607(2)f1 607(2)f2 607(2)f3 607(2)g 607(2)h 607(1)3 619(1)2 619(1)3 619(1)4		To Update TS600 For water hammer arrester and Automatic Air Vent Specifications. For Hose Bib see TS 600 Section 619.2.2. For Hand Bidet Spray, Mirror and Folding Fitting Board, please refer to TS 500 General Provision No. 20 Sanitary Fixtures and Accessories.
107	ALL	Vol. 1A BOQ	Sec. 4A Bidding forms -Bill of Quantities.	Sanitary Works	607(3)h 607(3)i 607(4)a 607(4)b 607(4)c 619(8) 619(8)a		Refer to drawings NSRP-DWG-BLU-SN-6011 Rev 21.2, NSRP-DWG-BLU-SN-6011 Rev 21, NSRP-DWG-BLU-SN-6012 Rev 21.2, NSRP-DWG-STA-SN-8001 Rev 21.2, NSRP-DWG-STA-SN-8011 Rev 21, NSRP-DWG-STA-8012 Rev 21.2.
108	ALL	Vol. 1	Sec. 3 - Evaluation and Qualification Criteria Page: EQC 27 Page: EQC 27 Volume 1 Page: 64/66	Page: EQC 27 Page: EQC 27 Volume 1 Page: 64/66	Clause 2.4.2 Construction Experience in Key Activities	Construction of steel box girder bridge of at least 50m length in a single contract using incremental launching method  Please confirm our understanding is correct.	Since steel bridges having different girder types constructed using incremental launching method, have similar nature and complexity, we understood that steel bridges having any type of cross sections of at least 50m length in a single contract using incremental launching method are also acceptable which can also prove the technical construction capacity of the applicant.  Bidder's understanding is correct but Bidder shall provide detailed justification to prove the similar nature and complexity of the proposed past experience, being subject to the Employer's acceptance.
109	S-02	Vol. 2	Sec. 6 I Specifications B General Specifications	GS 95	130.2.3.f	Professional Indemnity (PI) Insurance  Where the Contract requires the Contractor to carry out any elements of Permanent Works Design, he shall ensure that he, or his consultant designer, is appropriately covered by sufficient Professional Indemnity insurance. At the Contractor's discretion, major aspects of Temporary Works Design may also necessitate PI Insurance cover.	Please kindly confirm that Permanent Works Design by the contractor is not required under this contract.  The permanent works design is not the scope of the bidder except specified in the documents.
110	S-02	Vol. 2 Part 2	Sec. 6 - II Drawings Page 4-5-6/14	05_CP S-02_UBR	NSRP DWG-UBR-ST-0101 NSRP DWG-UBR-ST-0150 NSRP DWG-UBR-ST-0300	As per drawing no NSRP DWG-UBR-ST-0101, 150 and 0300 the U-bridge mentioned is not clear whether it is a single span U-Bridge or a segmental bridge. Kindly clarify.	The u-bridge located between P159 and P160 shown on UBR-ST-0101 is a single span.
111	S-02	Vol. 2	Sec. 6IV Equipment 200950	Bill No.1	GS133(1)	Trees to be root balled, packaged ready for transport  In order to submit a competitive price, please provide more details for the trees. The information which was given in the tender documents is not sufficient to prepare a unit price. You are kindly requested to give more details for the trees, deposit yard or relocation places.	Bidder is advised that the tree survey information will be available after 23 March 2021 and will be issued in Addendum 3.
112	S-02	Vol. 2	Sec. 6 IB General Specification	GS 113	133.2.3	The Contractor shall be responsible for demolishing and clearing those structures and/or obstruction, and removing and disposing any materials and/or wreckage arising from such demolition and clearing, and shall, following the survey conducted under GS 133.2.2 above, provide the Engineer with a discrete demolition and clearance program showing the order in which the demolition work shall be conducted. This program shall be accompanied by method statement(s) detailing the manner in which the Contractor shall carry out the works.  Please kindly provide the list of building and structures to be demolished.	The demolition of the existing Nagtahan Link in both direction from KM 7+640 to KM 8+120 shall be carried out by the bidder. Please allow this work in proposed program.
113	S-02	Vol. 2	Sec. 6 IB General Specification	GS 104	130.1.1	Therefore, in order to avoid potential commencement and/or payment delays, drafts of these two instruments shall be submitted to the Engineer within a maximum of seven (7) days following the Contractors receipt of the Letter of Award.  Please revise the specified time to 14 days to be sufficient.	Bidder is advised that there will be no change to the specified time frame during bidding
114	S-02	Vol. 2	Sec. 6 IB General Specification	GS 104	130.2.1	The draft policies shall be submitted to the Engineer within seven (7) days of the Contractor's receipt of the Letter of Award, and cover shall be arranged to commence under each policy within a further seven (7) days always provided that no adverse comment has been received.  Please revise the specified time to 14 days to be sufficient.	Bidder is advised that there will be no change to the specified time frame during bidding
115	S-02	Vol. 2	Sec. 6 IB General Specification	GS 60	118.7.2 - 2.i	The Contractor shall submit a company profile of their nominated GBV Service Provider as part of the Bidding Documents, for the Employer's assessment and approval.  According to the statement, The Contractor shall submit a company profile; however, this should be done within the Bidding Documents. Please clarify whether this statement valid for the contractor or all bidders.	Bidder is requested to clarify the question and explain what is meant by "for the contractor or all bidders".
116	S-02	Vol. 2	Sec. 6 III-Supplementary Information	Page 2	Resettlement Action Plan (RAP) and Land Acquisition	Contractor will be required to demolish the following: 1. Property remaining after RAP 2. Property remaining after land acquisition 3. NIA culverts in package S-07 4. PNR infrastructure including stations, buildings and bridges 5. DPWH elevated roads and at grade roads  After relocation, there will be a short period during which the owners / tenants / others may remove valuable items prior to the contractor being appointed to demolish the redundant structures. The Programs is as follows:  The bidder would like to clarify if the given dates are in accordance with the current situation? The bidder wants to confirm that "the remaining properties after RAP and Land Acquisition" are the buildings or any other structure that have never been demolished and need to be demolished for the continuity of the work.	Bidder is advised that further information regarding land access and RAP will be issued in Addendum 3.
117	S-02	Vol. 2	Book 1 (Civil)	NSRP-DWG-VIA02-ST-0023 Rev 21	As-built of existing PNR bridge	In relation to previous query raising potential issue of new piles clashing with PNR Pandacan PNR bridge existing piles (if any), we hereby request as-built drawings information of the existing PNR bridge.	Please refer to Site Data for the as-built drawings of the existing PNR bridges.
118	S-02	Volume 2	Book 1 (Civil)	NSRP-DWG-VIA02-ST-0020 Rev 21 Part II, Section 6, Scope of Works Section 2.2.7	BC03-1 works above LRT 2	The actual clearance between the bottom of of the balance cantilever (BC03-1) and the existing high voltage lines of LRT 2 is about 4.0m. This clearance will be further reduced during construction due traveling form to about 2.5m. Firstly, please confirm if this remaining clearance will be acceptable to LRT and advise any specific requirements (e.g. safety) that the contractor will be required given the proximity to the cables.  Secondly, the scope of work states that works are only allowed during night window 11pm to 3am the next day. What is the clear distance between the edge of traveller form to the edge of LRT structure that this rule takes into effect, ie the exclusion zone ?  Lastly, what is the voltage running through the LRT cables? Is it possible to turn the power off every night during the allowed window hours?	The bidder is required to clarify with LRT at implementation stage. The bidder is suggested to have min. 2m clearance. The works over the LRT shall be carried out during off hour. Please assume that power off shall not be possible. The voltage is required to check with LRT.

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119	S-02	Vol. 2	Sec. 6. TS200 Technical Specification	208.12.9	Finishing	2) the ends of vents shall be removed at least 25mm below the concrete surface after the grout has set. 3) The void shall be filled with epoxy grout. All miscellaneous material used for sealing grout cups shall be removed before carrying out further work to protect end anchorages.	Please provide specification of epoxy grout	Non-shrink Non-metallic Epoxy Grout: Pre-mixed, factory-packaged, non-staining, non-corrosive, nongaseous grout.																																																							
							<table border="1"> <thead> <tr> <th>Package</th> <th>Due Date for Receipt</th> <th>Due Date for Lead</th> <th>Due Date for Final Lead</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>CP S01</td> <td>11 Oct 2021</td> <td>11 Oct 2021</td> <td>30 Nov 2021</td> <td>Completed</td> </tr> <tr> <td>CP S02</td> <td>11 Oct 2021</td> <td>11 Oct 2021</td> <td>30 Nov 2021</td> <td>Completed</td> </tr> <tr> <td>CP S03</td> <td>11 Oct 2021</td> <td>11 Oct 2021</td> <td>30 Nov 2021</td> <td>Completed</td> </tr> <tr> <td>CP S04</td> <td>11 Oct 2021</td> <td>11 Oct 2021</td> <td>30 Nov 2021</td> <td>Completed</td> </tr> <tr> <td>CP S05</td> <td>11 Oct 2021</td> <td>11 Oct 2021</td> <td>30 Nov 2021</td> <td>Completed</td> </tr> <tr> <td>CP S06</td> <td>11 Oct 2021</td> <td>11 Oct 2021</td> <td>30 Nov 2021</td> <td>Completed</td> </tr> <tr> <td>CP S07</td> <td>11 Oct 2021</td> <td>11 Oct 2021</td> <td>30 Nov 2021</td> <td>Completed</td> </tr> <tr> <td>CP S08</td> <td>11 Oct 2021</td> <td>11 Oct 2021</td> <td>30 Nov 2021</td> <td>Completed</td> </tr> <tr> <td>CP S09</td> <td>11 Oct 2021</td> <td>11 Oct 2021</td> <td>30 Nov 2021</td> <td>Completed</td> </tr> <tr> <td>CP S10</td> <td>11 Oct 2021</td> <td>11 Oct 2021</td> <td>30 Nov 2021</td> <td>Completed</td> </tr> </tbody> </table>	Package	Due Date for Receipt	Due Date for Lead	Due Date for Final Lead	Status	CP S01	11 Oct 2021	11 Oct 2021	30 Nov 2021	Completed	CP S02	11 Oct 2021	11 Oct 2021	30 Nov 2021	Completed	CP S03	11 Oct 2021	11 Oct 2021	30 Nov 2021	Completed	CP S04	11 Oct 2021	11 Oct 2021	30 Nov 2021	Completed	CP S05	11 Oct 2021	11 Oct 2021	30 Nov 2021	Completed	CP S06	11 Oct 2021	11 Oct 2021	30 Nov 2021	Completed	CP S07	11 Oct 2021	11 Oct 2021	30 Nov 2021	Completed	CP S08	11 Oct 2021	11 Oct 2021	30 Nov 2021	Completed	CP S09	11 Oct 2021	11 Oct 2021	30 Nov 2021	Completed	CP S10	11 Oct 2021	11 Oct 2021	30 Nov 2021	Completed	
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120	S-02	Vol. 2	Sec. 6. TS200 Technical Specification	208.12.10	Protection of End Anchorages	4) ...shall be coated with an elastomeric coating system have a thickness of 0.76mm to 1.140mm..... Laitance, grease, curing compounds, surface treatments, coating, and oils shall be removed by grit blasting or water blasting using a minimum 70mPa.	Please provide specification of Elastomeric coating system	Please propose and get approval from the engineer during construction.																																																							
121	S-02	Vol. 2	Book 1 (Civil)	NSRP-DWG-VIA00-ST-1271	Noise Barrier Details	note 5 - Contractor shall design and construct the parapet wall in accordance with the requirements of technical specification TS229 .....	Please confirm all the required dimensions of the Noise barrier and also the maximum weight allowed per linear meter of barrier	The parapet shown on the drawing is acted as noise barrier.																																																							
122	S-02	Vol. 3 Part III – Conditions of Contract, Particular Conditions PCC	Sec. 8	-	19.1 Definition of Force Majeure	N/A (related to H&S COVID19)		No. Bidder shall include in its bid any and all matters related to COVID as required and detailed in the bidding documents.																																																							
123	S-02	Vol. 1	Sec. 4 Bidding Forms	BF14	Bid Security Bank Guarantee	(b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder, or (ii) 28 days after the expiration of the Bidder's bid.	Potential bank issuers are requesting to modify the text of the bid security to include a specific expiry date. This expiry date will be calculated to comply with bid security requirements under ITT 19.3, by way of example, we propose an alternative wording with added text in red for the security: "....This guarantee will expire whichever is earlier of (a) if the bidder...; b) if the bidder... or (c) on [insert date ] (Expiry Date)"	The Bidder shall use the form template in the Bidding Documents																																																							
124	S-02	Vol. 2 Part 2-Requirements	Sec. 6-Employer's Requirements IB-General Specification Site Data-Topographic Survey Drawings	GS3 GS98 From NSRP-DWG-TOPO-S-02-002 to NSRP-DWG-TOPO-S-02-054		<p>item 103.1 Possession of Site and Access</p> <p>"...These services will remain in operation throughout the program of the Works, so some areas of the Site which are contained within the PNR Right of Way will remain dedicated to PNR's operations and will not be available to the Contractor for his use."</p> <p>"...There are many utilities which cross / run along the PNR Right of Way. Every effort will be made prior to award of Contract to divert / relocate these to assist in providing Free and Clear land..."</p> <p>item 131.3 Reference Plans</p> <p>"The Contractor shall request from the PNR plans defining the railway protection and safety zones. The Contractor shall ensure that no works of any kind are carried out within the railway protection and safety zones without prior approval and that all necessary measures are correctly put into place and managed to ensure safe working at all times."</p> <p>item 131.4 Safety Considerations</p> <p>"... They are also to be designed such that they shall remain serviceable for the entire duration of the Contract. The safety hoardings shall be located a minimum of 2.000m to the face or any component of the fence on the PNR side from the nearest rail of the adjacent PNR railway track to leave at least 800mm clearance inside the PNR zone for personnel safety purposes..."</p>	<p>1. Please confirm the level of service (the temporary tracks could be limited to a single track) during the Package 2 construction. It is shown two temporary tracks in the topographic survey drawings which impacts dramatically the construction methodology.</p> <p>2. Kindly clarify and provide details about the planning and construction methodologies because the PNR is going to impact the commencement of the works and the finishing and final grading. The works won't be able to be performed under the temporary tracks and in the vicinity of the future tracks until the completion of the PNR.</p> <p>3. Please kindly reassure that the only safety distance to be kept during the construction works is two meters from the nearest rail once the hoarding has been installed and there is no any other distance to be maintained.</p>	1.The temporary track shown on the drawing is for operation of PNR. The Future track shown the drawing is indicative only and will not be constructed. The bidder shall allow for pocket track. 2. PNR will be operating with single track prior to the commencement of the Contract. 3.Please refer toGS131.4.																																																							
125	S-02	Vol. 2	Book 2	STA. MESA - AR- 3567	ARCHITECTURAL		1. Please confirm the type of granite and provide size for the Elevator Floor Finish in Architectural Drawings.	For elevator car flooring finish, please use 300 x 600 25mm thick honed granite stone. Drawing on revised sheet NSRP-DWG-STM-AR-3566 needs to add honed granite stone at car flooring, for issue as REV 21.3 in addendum 3																																																							
126	S-02	Vol. 2	Book 2	NSRP-DWG-ESP-ST-4502	STRUCTURAL		1. Please provide: A. radius of curvature of Equialta station roofing. B. keyplan or location of all Overhead Catenary contact system. C.keyplan for Canopy details - thickness of SIS purlin for Canopy. See Annex BP.	<p>A. The dimensions of the roof are to be provided on sheet NSRP-DWG-ESP-ST-4502 under rev 21.3 to be issued by March 12, 2021.</p> <p>B. JDY to provide location of Overhead Catenary Contact System.</p> <p>C. Refer to architectural site development plan (SDP) for canopy location. Canopy details are to be updated on sheets NSRP-DWG-ESP-ST-4531, NSRP-DWG-ESP-ST-4532, NSRP-DWG-ESP-ST-4533, and NSRP-DWG-ESP-ST-4534 under rev. 21.3 and issued by March 12, 2021.</p>																																																							
127	S-02	Vol 2 SCRP_ TS 600_Annex A	Sec. IC SCRP_ TS 600_Annex A	TS-600- Annex A - 26	618 WASTWATER TREATMENT PLANT 618.1 Measurement and Payment	Wastewater Treatment Plant shall be secured as the "Set" 7) Fees / costs for Factory Acceptance Tests (FAT)	As per manufacturer standard, FAT is not part of their standard in constructing Wastewater Treatment Plant. Moreover, this system is normally assembled at site. Please confirm if FAT is required for Wastewater Treatment Plant. Will process proving of one year can be considered instead of FAT as it is being offered by locally available manufacturers.	<p>1) Yes, FAT is required for WWTP in accordance to SCRP_TS 700_Annex A, Section 718.</p> <p>2) FAT will be required.</p>																																																							
128	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Addl_20210125	Bill no.1	GS103(4)	Time related charges of Contractor's General Equipment	<p>Since there is no detail information in General Specification 103 for the item GS103(4); please could you explain the payment schedule of the item?</p> <p>How will be the item payment calculated for Internal Payment Certificate?</p> <p>How many months will be considered for the payment?</p>	<p>(1)The Milestone payment Schedule shall be established by the contractor subject to the review and approval of the Engineer. Please refer to the applicable provisions in the GS Appendix 8.</p> <p>(2)Payment shall be in accordance with the approved Priced Items.</p> <p>(3)The BOQ shall be revised to indicate the No. of Months for the Time Related charges of the contractor's general equipment under Bill No. 1. Updated BOQ will be issued in Addendum 2.</p>																																																							
129	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Addl_20210125	Bill no.1	GS103(5)	Time related charges of Contractor's Specialist Equipment	<p>Since there is no detail information in General Specification 103 for the item GS103(5); please could you explain the payment schedule of the item?</p> <p>How will be the item payment calculated for Internal Payment Certificate?</p> <p>How many months will be considered for the payment?</p>	<p>(1)The Milestone payment Schedule shall be established by the contractor subject to the review and approval of the Engineer. Please refer to the applicable provisions in the GS Appendix 8.</p> <p>(2)Payment shall be in accordance with the approved Priced Items.</p> <p>(3)The BOQ shall be revised to indicate the No. of Months for the Time Related charges of the contractor's general equipment under Bill No. 1. Updated BOQ will be issued in Addendum 2.</p>																																																							
130	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Addl_20210125	Bill no.1	GS103(7)	Time related Costs of Contractor's Specialist Equipment	<p>Since there is no detail information in General Specification 103 for the item GS103(7); please could you explain the payment schedule of the item?</p> <p>How will be the item payment calculated for Internal Payment Certificate?</p> <p>How many months will be considered for the payment?</p>	<p>(1)The Milestone payment Schedule shall be established by the contractor subject to the review and approval of the Engineer. Please refer to the applicable provisions in the GS Appendix 8.</p> <p>(2)Payment shall be in accordance with the approved Priced Items.</p> <p>(3)The BOQ shall be revised to indicate the No. of Months for the Time Related charges of the contractor's general equipment under Bill No. 1. Updated BOQ will be issued in Addendum 2.</p>																																																							
131	S-01	1.3b CP S-01 Vol.1A	Sec.4A BOQ_Addl_20210125	Bill no.1	GS103(4) GS103(6)		Please could you provide the difference between "Time related charges" and "Time related Cost" for the items in order to prepare the correct unit price?	Charges refer to the time related expenses such as for rental fees, operation fees, LGU Permits and Licenses, etc. Cost pertains to other time related cost/expenses which could be incurred within the period.																																																							



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132	S-01	Vol. 1	Sec. 1	ITB 12		Bank Security / Bid Security	The Bidder kindly requests from the Employer to confirm that the Bid Security can be submitted in the form of a swift message from a reputable source in an eligible country as stated the same in the ITT. The original hardcopy of the Bid Security is not required as most banks do not prefer to provide the hardcopy of the security to a beneficiary outside the bank's country.	The Bidder is requested to submit the original copy of the Bid Security as specified in ITB 19.
133	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS103(3)	Mobilization of Contractor's Specialist Equipment	Since there is no detail information in General Specification 103 for item GS 103 (3), could you please clarify Specialist Equipment for this cost items to allow the Bidders estimation of precise cost?	The related works or breakdown structures for the time related charges of contractor's general equipment are the responsibility of the Bidder / Contractor.
134	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS103(4)	Time related charges of Contractor's General Equipment	Since there is no detail information in General Specification 103 for item GS103(4), please could you provide the breakdown structure for the cost of items to allow the Bidders estimation of precise cost?	The related works or breakdown structures for the time related charges of contractor's specialist equipment are the responsibility of the Bidder / Contractor.
135	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS103(5)	Time related charges of Contractor's Specialist Equipment	Since there is no detail information in General Specification 103 for item GS103(5), please could you provide the breakdown structure for the cost of items to allow the Bidders estimation of precise cost?	The related works or breakdown structures for the time related costs of contractor's general equipment are the responsibility of the Bidder / Contractor.
136	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS103(6)	Time related Costs of Contractor's General Equipment	Since there is no detail information in General Specification 103 for item GS103(6), please could you provide the breakdown structure for the cost of items to allow the Bidders estimation of precise cost?	The related works or breakdown structures for the time related costs of contractor's specialist equipment are the responsibility of the Bidder / Contractor.
137	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS103(7)	Time related Costs of Contractor's Specialist Equipment	Since there is no detail information in General Specification 103 for item GS103(7), please could you provide the breakdown structure for the cost of items to allow the Bidders estimation of precise cost?	The related works or breakdown structures for the demobilization of the contractor's equipment are the responsibility of the Bidder / Contractor.
138	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS119(1)	Mobilisation of BIM Manager	Since there is no detail information in General Specification 119 for item GS119(1), please could you provide the breakdown structure for the cost of items to allow the Bidders estimation of precise cost?	(1)The Milestone payment Schedule shall be established by the contractor subject to the review and approval of the Engineer. Please refer to the applicable provisions in the GS Appendix 8. (2)Payment shall be in accordance with the approved Priced Items. (3)The BOQ shall be revised to indicate the No. of Months for the Time Related charges of the contractor's general equipment under Bill No. 1. Updated BOQ will be issued in Addendum 2.
139	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS103(4)	Time related charges of Contractor's General Equipment	Since there is no detail information in General Specification 103 for the item GS103(4); please could you explain the payment schedule of the item? How will be the item payment calculated for Internal Payment Certificate? How many months will be considered for the payment?	(1)The Milestone payment Schedule shall be established by the contractor subject to the review and approval of the Engineer. Please refer to the applicable provisions in the GS Appendix 8. (2)Payment shall be in accordance with the approved Priced Items. (3)The BOQ shall be revised to indicate the No. of Months for the Time Related charges of the contractor's general equipment under Bill No. 1. Updated BOQ will be issued in Addendum 2.
140	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS103(5)	Time related charges of Contractor's Specialist Equipment	Since there is no detail information in General Specification 103 for the item GS103(5); please could you explain the payment schedule of the item? How will be the item payment calculated for Internal Payment Certificate? How many months will be considered for the payment?	(1)The Milestone payment Schedule shall be established by the contractor subject to the review and approval of the Engineer. Please refer to the applicable provisions in the GS Appendix 8. (2)Payment shall be in accordance with the approved Priced Items. (3)The BOQ shall be revised to indicate the No. of Months for the Time Related charges of the contractor's general equipment under Bill No. 1. Updated BOQ will be issued in Addendum 2.
141	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS103(6)	Time related Costs of Contractor's General Equipment	Since there is no detail information in General Specification 103 for the item GS103(6); please could you explain the payment schedule of the item? How will be the item payment calculated for Internal Payment Certificate? How many months will be considered for the payment?	(1)The Milestone payment Schedule shall be established by the contractor subject to the review and approval of the Engineer. Please refer to the applicable provisions in the GS Appendix 8. (2)Payment shall be in accordance with the approved Priced Items. (3)The BOQ shall be revised to indicate the No. of Months for the Time Related charges of the contractor's general equipment under Bill No. 1. Updated BOQ will be issued in Addendum 2.
142	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS103(7)	Time related Costs of Contractor's Specialist Equipment	Since there is no detail information in General Specification 103 for the item GS103(7); please could you explain the payment schedule of the item? How will be the item payment calculated for Internal Payment Certificate? How many months will be considered for the payment?	Charges refer to the time related expenses such as for rental fees, operation fees, I/GU Permits and Licenses, etc. Cost pertains to other time related cost/expenses which could be incurred within the period.
143	S-02	1.3b CP S-02 Vol.1A	Sec.4A BOQ_Add 1_20210125	Bill no.1	GS103(4) GS103(6)		Please could you provide the difference between "Time related charges" and "Time related Cost" for the items in order to prepare the correct unit price?	Charges refer to the time related expenses such as for rental fees, operation fees, I/GU Permits and Licenses, etc. Cost pertains to other time related cost/expenses which could be incurred within the period.
144	S-02	Vol. 1	Sec. 1	ITB 12		Bank Security	The Bidder kindly requests from the Employer to confirm that the Bid Security can be submitted in the form of a swift message from a reputable source in an eligible country as stated the same in the ITT. The original hardcopy of the Bid Security is not required as most banks do not prefer to provide the hardcopy of the security to a beneficiary outside the bank's country.	The Bidder is requested to submit the original copy of the Bid Security as specified in ITB 19.
145	ALL	Vol. 3	Sec. 7	GC 1	Section 7 The General Conditions of Contract (GCC)		It is the bidder's understanding that although it is mentioned as an ad measurement type of contract, the payment of the work shall be in accordance with the general conditions of contract shall be FIDIC MDB Harmonized Construction Contract. As per FIDIC MDB, sub-clause 12.2 (Method of Measurement), and sub-clause 14.1.c, it is understood that this is a re-measurable type of contract. Please kindly confirm that, in terms of payment to the contractor, the contract shall be re-measurable type and any quantities which may be set out in the Bill of Quantities or other Schedule are estimated quantities and are not to be taken as the actual and correct quantities. Measurement shall be made of the net actual quantity of each item of the Permanent Works. Accordingly, the payment to the contractor will be in accordance with the actual and correct quantities measured on-site. The Bidder notes the Employer's responses to the queries raised in the "General Bid Bulletin No.7 26 January 2021 I/FB NO. 20-031-6, Pages 13". It is understood that the Employer seeks to confirm a "re-measurement" if and only if a change, i.e. as per the Engineer's instructions, in the Employer's design occurs. As such, it will, as the Employer confirms, cause re-measurement. Please confirm. However, the reasonable interpretation of the Employer's responses to the queries raised by the Bidders is that the Employer's design is now in its final form and the Employer, served by its responses to the queries, confirms that no change in the execution of the Works due to the quantities will occur unless the Employer in its own discretion changes, i.e. redesigns, Engineer's instructions, etc., any part of the Works. Please confirm. Should this be the case, the Bidder reasonably conceives that any changes in the Employer's declared quantities will result in the Employer's written instructions pursuant to the Clause 13 of Conditions of Contract or the Employer's directions to the Engineer for "re-measurement", i.e. the employment of the "ad measurement" principle. Please confirm. The Bidder wishes the Employer to clarify once and for all how it intends to administer the payment regime given the confusion surrounded by the terminology "ad measurement".	The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer. Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities. Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3.
146	ALL	Vol. 1A Part 1	Sec. 4A Bill of Quantities	4 of 15	Preamble, 3		The Bills of Quantities have been prepared by the Employer to provide a common and uniform basis for bidding. The quantities given therein are accurate and represent the work shown on the drawings, described in the Scope of Works and the Specification at the time of Bid Submission. The final quantities of the work to be carried out by the contractor in the fulfillment of his obligations under the Contract will be determined in accordance with Clauses 12 and 13 of the GCC. As per our understanding Contractor will prepare a Milestone Payment Table as sample given in General Specifications Appendix 8 upon awarding the contract based on Bill of Quantities which has submitted during Tender Process. The Bidder wishes to go on stating that the Engineer shall not make any adjustments on the quantities for payment purposes, i.e. shall not re-measure the same to read lower values, and the Contractor shall be paid as per the Milestone Payment Table. In other words, as the Contractor is expected to bear the consequences of additional amounts over and above the quantities as tendered by the Employer, it shall not be affected, i.e. the Engineer shall not elect to certify less, alleging smaller quantities without any instructed changes, if somehow the executed quantities turn out to be (or not as the case may be) lower than the Bill of Quantities. The Employer is kindly requested to confirm our above understanding.	The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer. Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities. Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3.

CP S01-S02 Responses to Bid Requests (Batch 5)

147	ALL	Vol 2	Book 1 (Civil)	NSRP-DWG-BC05-ST-0000	Balanced Cantilever Bridge BC05	Balanced Cantilever Bridge BC05	Bidder is referred to revised GS Appendix 8 issued in Addendum 3.	Bidder is referred to revised GS Appendix 8 issued in Addendum 3.
148	ALL	Vol 2	Book 1 (Civil)	NSRP-DWG-BC06-ST-0000	Balanced Cantilever Bridge BC06	Balanced Cantilever Bridge BC06	Bidder is referred to revised Volume 1, Section 4: Bidding Forms, BF7 issued in Addendum 3	Bidder is referred to revised Volume 1, Section 4: Bidding Forms, BF7 issued in Addendum 3
149	S-02					Bid Opening	We are very much interested to participate in the bid above mentioned project, but unfortunately we may not be able to meet your bid submission deadline on set on the 04th of March 2021. We are kindly requesting for an extension on the due date of the bid submission from 04 March 2021 to 04 July 2021 due to the people movement restrictions caused by the current quarantine requirements and travel constraints being imposed due to the COVID-19 pandemic especially with the new variants from South Africa as the United Kingdom.	Please refer to GBB 10
150	S-02					Bid Opening	With regard to the subject project, we would like to bring your kind attention that we are currently under preparation of the tender proposal with keen interest to be involved in this project. However, we are facing an insufficient time to prepare a competitive and a compliant proposal to meet the requirements of bidding documents due to multiple reasons. 1. Due to the COVID-19 situation, foreigners entering Philippines are being strictly controlled and we are not able to execute a site survey until this moment. 2. As we are preparing the bidding documents for multiple packages, should have more meticulous study and review. 3. Extra time should be required to interpret and apply the unanswered clarifications and additional information from the Client (if any) in the future. For the foregoing reasons, we are of the opinion that additional tender preparation period is certain necessary, and respectfully request for at least 6 (six) weeks extension from the current bidding date	Please refer to GBB 10
151	S-02	Vol. 2	Book 1 (Civil)	NSCR-DWG-VIA00-ST-1351 Detail A	BOQ PART C: DRAINAGE WORKS (IN VIADUCT)	BOQ Item no. 112(1) - Removable Galvanized Steel Grate to top of bridge and viaduct decks	NSCR-DWG-VIA00-ST-1351, detail A shows removable galvanized mild steel grate but the table 1 -specification indicates the material is cast iron. Please clarify.	The Specification TS 112 indicates the material is Steel Grating, not Cast Iron.
152	S-02	Vol. 2	Book 1 (Civil)	NSRP-DWG-VIA00-ST-0422	PIER TYPE P3 CONCRETE DETAILS SHEET 2	Note 3. For Bearing Type refer to DWG No.: VIA00-ST-0781 to 0783	DWG Nos. VIA00-ST-0782 & 0783 are missing. Please provide dwg. nos.VIA00-ST-0782 & 0783	Pier Type P3 is usually carrying CIS bridges above the pier. Note will be updated as below <b>*3. FOR BEARING TYPE, REFER TO THE FOLLOWING BEARING SCHEDULE DRAWINGS:</b> - FOR THE PRECAST SEGMENTAL BRIDGES, REFER TO VIA00-ST-0781 TO 0782. - FOR CISXX CAST-IN SITU BRIDGES, REFER TO CISXX-ST-0080. 'CISXX' DENOTES CIS NUMBER. Drawings Nos.VIA00-ST-0782 & 0783, were never issued. Drwing No. NSRP-DWG-VIA00-ST-0422 will be revised to remove the reference to above drawings. Updated Drawing will be Issued in Addendum m3
153	S-02	Vol. 2	Book 1 (Civil)	NSRP-DWG-ATG-ST-2200		Distance of edge of train to outside face of retaining wall	For the ATG, the clear distance from outside face of retaining wall to outline of train along PNR temporary track is only about 1m. Constructing the wall will require outside formwork and will further reduce the said clearance. Further, there is a drainage beside the retaining wall which could not be done with the current clearance.  Please advise if the centerline of temporary PNR tracks can still be further away to enable construction works. <a href="#">Please refer to the attached sketch.</a>	VIA02 ATG Rev 21 Drawing Set, clear distance from outside face of ATG to PNR temporary track centerline is 3.50m.  Sheets NSRP-DWG-ATG-ST-2200 and 2201 shall be revised to show the updated PNR Temporary Track cross section location in Addendum 3
154	S-02	Vol. 2	Sec. 1C TS 204.4.9		Concrete Placement, Curing, and Protection	Technical Specification	"The Contractor shall not perform shaft excavation operations within three diameters of a newly poured shaft within 24 hours of the placement of concrete and only when the concrete has reached a minimum compressive strength of 12.4MPa," please clarify if this measurement is from the center line of a pile or from the edge of a pile since some of the piles in the cap are only with three diameter centre to centre.	The measurement is from the center line of a pile.
155	S-02	Vol. 2	Book 1 (Civil)	NSRP-DWG-VIA02-ST-0023 Rev 21		Navigational corridor	Piers P-141 and P-142, encroach into the 2 of 3 navigational corridors shown in hatched portion of the drawing identified herein. While contractor will be responsible for obtaining and processing the permits, please confirm that philippine coast guard will allow, in the first place, closure of the said corridors.  In relation to the above, please confirm the understanding that the minimum clearance for navigation is equal to width of the hatched area of the middle corridor as shown in the same drawing.	The bidder will be responsible for obtaining and processing the permit.  Yes, the hatch in the drawing is the minimum clearance navigational corridors.  As per NSRP-DWG-VIA02-ST-0023 Rev 21, the columns are still outside the navigational clearance requirements.
156	S-02	Vol. 1	Sec. 4A Bill of Quantities, Bill No. 3			Excavation in dry and wet condition	Items 201(2)a and 201(2)b show that 98% of the pile cap excavation is under dry condition. The BH information shown in the drawings however indicated that water table is above the bottom of pile caps for almost all the pier locations. Please advise what is the basis of deriving the quantities shown in the BQ.	The basis of deriving the quantity in Item 201(2)a and 201(2)b is "Dry condition" means all structure located in dry land while "Wet condition" means all structure located in river or swampy area.
157	S-02	Vol. 1	Sec. 4A Bill of Quantities, Bill No. 3			Backfill	Please confirm if the quantity under item 201(4)d is all imported backfill material.	The quantity under 201(4)d is not imported material. If not otherwise specified in the contract documents, it shall also include the placement of all necessary backfill, including any necessary stockpiling of excavated material which is to be used in backfill, and the disposing of excavated material which is not required for backfill, in embankments or as provided for excess and unsuitable material in TS 100.
158	S-02	Vol. 2	Book 1 (Civil)	NSRP-DWG-ATG-ST-7001 Rev 21		Waterproofing membrane	Please provide specification for HDPE waterproofing membrane underneath base slab of ATG foundation.	Specification for HDPE waterproofing shall be added in TS200 in Addendum 3
159	S-02	Vol. 2	Book 1 (Civil)	NSRP-DWG-VIA02-ST-0011		Pier at P-19N, P-19 and P-19S	Please confirm when the said piers are available to receive the precast segmental and the interfacing contractor will allow to install the anchor for the overhead launcher operation.	Piers P-19N, P-19 and P-19S do not exist in the latest drawings. Please clarify the query so we can locate the pier mentioned in question.
160	S-02	Vol. 2 Employers Requirement 02_Book 1 (Civil) General Details	Philippine Electrical Code Client Document 2.5 Site Data: * SCRP-CP S-02_Site Data_10.3_Vol_1-3-General information * SCRP-CP S-02_Site Data_10.3_Vol_3-3-Utilities Preliminary Relocation Plans	NSRP-SW-ALT-RS-D-0001 SCRP-CP S-02_Site Data_10.3_Vol_1-3-General Information 7.0 Proposed Relocation and Protection Concept Plan  NSRP-DWG-REL-UT-0154 NSRP-DWG-REL-UT-0161 NSRP-DWG-REL-UT-0165 NSRP-DWG-REL-UT-0166	Various	7.0 Proposed Relocation and Protection Concept Plan  "....All utilities crossing the North South Railway Project – South Line (Commuter) will be installed either underground or raised up to a certain height based on the specified vertical clearances from the Philippine Electrical Code on railways. For illegal cables crossing the Project right of way and PNR right of way, they should be relocated outside the right of way at the expense of the cable's owner. This is to minimize the construction risk during the NSRP – South Line (Commuter) Project, for example, with the passage of launching gantries for construction of the viaducts, as well as high lifting equipment such as cranes, and to eliminate the necessity for maintaining minimum vertical clearances from any part of the Future North South Railway Project – South Line (Commuter) operating railway." ....	Bearing in mind that the necessary temporary vertical clearances of the launching gantries available in the market (approx. 12 meters) exceeds the permanent clearance, kindly confirm that the Employer/Designer has considered the temporary situation for the vertical clearance in the future utilities relocation as per the Philippines Electrical Code keeping a distance of 12 meters (Standard Launching Gantry) plus 3.60 meters (III Horizontal Clearances from conductors to other structures-bullet 4 Bridges which are readily accessible- Displaced by Wind), that is 15.60 meter from the top of the rail.  The minimum clearance requirement for High Voltage Lines crossing the Project ROW during construction, the minimum vertical clearance above Rail elevation of 17m was secured during the design phase. The breakdown of this 17m is 13m for the gantry and 4m to the lowest wire.	