



**General Bid Bulletin No. 14
26 February 2021**

IFB NO. 20-031-6

**SOUTH COMMUTER RAILWAY PROJECT
FOR PACKAGES CP S-04, CP S-05, AND CP S-07
CONSTRUCTION OF CIVIL STRUCTURES: VIADUCTS, BRIDGES,
NINE (9) STATIONS AND DEPOT**

TO ALL PROSPECTIVE BIDDERS:

This General Bid Bulletin is issued to amend/clarify certain provisions in the Bidding Documents for the abovementioned project. Please refer to the attached Annex A of this General Bid Bulletin duly approved by the End-user and Co-Implementer for details:

1. **Annex "A"** – CP S-04 to 07 Responses to Clarifications Requests (Batch 6)

For your information and guidance.

For the Bids and Awards Committee VI,

SGD
WEBSTER M. LAUREÑANA
Chairperson

CP S04-07 Responses to Clarification Requests (Batch 6)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	2&3	-	GS3	GS 103 1 Possession of Site and Access	Activities in the vicinity of any PNR line shall be carefully planned and applications for permission to carry out the activities shall be submitted to the PNR. The activities shall only be carried out after permission is obtained from the PNR and the Engineer.	To get permit approval may be time taking/process(es) activity ,therefore time limit should be specified .Kindly specify required duration in days?	<i>2-3 working days after receipt of favorable recommendation from the Engineer.</i>
S-05						<p>"We would like to refer to the tender for the above tender Project and the recent situation in respect of;</p> <ul style="list-style-type: none"> - COVID -19 continuing with harder precautions to prevent the spread of the disease and its consequential results as limited working hours and workforce due to aggressive precautions taken to prevent its spread and - Christmas and New Year holiday remained within the tender preparation period, <p>having adverse effects to our efforts in preparation of the bid, in respect of collecting in a timely manner information / quotation from the Suppliers / Vendors / Subcontractors, as required for the preparation of the bid in compliance with the Client's requirements stipulated in the Tender Documents.</p> <p>Moreover, it is very critical for the tender preparations that the technical staff needs to be present on-site to inspect the surroundings and make necessary provisions. However, under the current circumstances, the visa issuance for the technical staff taking longer time and mandatory quarantine periods are making the process even harder.</p> <p>In the light of the above, by referring to the importance of the Tender and our respective efforts for the submission of the bid in compliance with the Client's requirements and in reference to the remaining time for the Tender Closing Date, we kindly ask the Client to consider to the extent the Tender Submission Period by 10 weeks. beyond the current deadline, meaning until 1 June 2021.</p> <p>"</p>	<i>Please refer to GBB No. 9 for Extension of Bid Submission Date.</i>

CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06						<p>"We would like to refer to the tender for the above tender Project and the recent situation in respect of;</p> <p>- COVID -19 continuing with harder precautions to prevent the spread of the disease and its consequential results as limited working hours and workforce due to aggressive precautions taken to prevent its spread and</p> <p>- Christmas and New Year holiday remained within the tender preparation period, having adverse effects to our efforts in preparation of the bid, in respect of collecting in a timely manner information / quotation from the Suppliers / Vendors / Subcontractors, as required for the preparation of the bid in compliance with the Client's requirements stipulated in the Tender Documents.</p> <p>Moreover, it is very critical for the tender preparations that the technical staff needs to be present on-site to inspect the surroundings and make necessary provisions. However, under the current circumstances, the visa issuance for the technical staff taking longer time and mandatory quarantine periods are making the process even harder.</p> <p>In the light of the above, by referring to the importance of the Tender and our respective efforts for the submission of the bid in compliance with the Client's requirements and in reference to the remaining time for the Tender Closing Date, we kindly ask the Client to consider to the extent the Tender Submission Period by 10 weeks. beyond the current deadline, meaning until 1 June 2021.</p> <p>"</p>	<i>Please refer to GBB No. 9 for Extension of Bid Submission Date.</i>
S-07	1	Section 4A BOQ	-	-	-	There is no form work item on BoQ. Please clarify if the Client will provide additional missing items and quantities? Or do we need to add the price on the other item.	<i>Please refer to SCRP-TS400 Annex A Section 405 with reference to SCRP_TS 200 Annex A, Sub-Clause 206.1.2.1</i>
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3601, 3602	-	There are discrepancies between floor finish of room (2F) #213, #230, #328 on drawing No. AR-3601 is FF6 and on AR-3602 is FF9. Please clarify.	<i>Drawings NSRP-DWG-OCC-AR-3601,3602 will be revised and issued as rev. 21.2</i>
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3601, 3602	-	There is no information of finishing material on material finishing schedule for 226(CREW MANAGEMENT ROOM-1), 212(ADMINISTRATION OFFICE), 3F 309, 316,317,509, 522. Please provide us the material information.	<i>Drawings NSRP-DWG-OCC-AR-3601,3602 will be revised and issued as rev. 21.2</i>
S-07	2	Section 7 SOUTH DEPOT STRUCTURAL / ARCHITECTU RAL DRAWINGS	OCC BUILDING STRUCTURAL / ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC-ST- 4131~44 NSRP-DWG-OCC- AR-3623~32	-	Structure slab level has discrepancies between Structure drawing (ST-4131~44) and Architecture Drawing (AR-3123~32). Please clarify which standard shall we apply.	<i>NSRP-DWG-OCC-AR-3123,3124,3129 will be revised and issued as rev. 21.2</i>

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S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3785	-	Fire extinguisher for mechanical drawing is included on mechanical BoQ, however, fire extinguisher for architecture drawing No. AR-3785 is not calculated. Please clarify which item includes the quantity of fire extinguisher of drawing No. AR-3785.	<i>NSRP-DWG-OCC-AR-3785 will be revised and issued in Addendum 3</i>
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3601~2 / AR-3531~2,AR- 3831~4	-	There are discrepancies of material information between drawing No. AR-3601~2 wall finish schedule and AR-3531~2, AR-3831~4. Please clarify which standard shall we apply.	<i>Please refer to drawing NSRP-DWG-DEP-AR-3401, rev. 21</i>
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3831~3834	-	EX)100THK CHB wall on BOQ 4.1.1~77 does not match with drawing No. AR-3831~3834 wall type W1~8. Spec of CHB wall W1~8 is 150THK. Please clarify which item does EX)BOQ4.1.1~77 on BOQ describes.	<i>BOQ will be revised and issued in Addendum 2</i>
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3831~3834	-	W8 on Drawing No. AR-3831~3834 is described as CHB WALL150MM+PLASTER 25MM. However, it shall be CURTAIN WALL based on drawing No. AR-3201 and AR-3313~4. Please clarify the discrepancies and we kindly request you to check if details of W1~7 is correct or not.	<i>BOQ will be revised and issued in Addendum 2</i>
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3601~2	-	We found out that there is waterproofing on EV hall wall based on drawing No. AR-3601~2. Please clarify if this quantity is applied on BoQ or not. Also, please clarify if there is no waterproofing on EV hall floor.	<i>Waterproofing for EV Hall Wall is included in Bill No. 4-1.1 Pay Item No. D514(2) - Polyurethane Membrane System Waterproofing</i>
S-07	2	Book 2 (Architectural) Architectural Plan	-	NSRP-DWG-OCC- AR-3531 (Detail W1)	-	In the Detail Drawing AR-3531(W1 Detail), The Exterior wall is applied Metal panels, but the interior wall is not shown in the drawing what material is applied. Please clarify which material shall be applied.	<i>W1 details are plastered both sides and all specified interior finishes, Refer to NSRP-DWG-OCC-AR-3531 Rev21</i>
S-07	2	Book 2 (Architectural) Architectural Plan	-	NSRP-DWG-OCC- AR-3731	-	Where is Acid Prone area? Please Explain exactly which section applies it.	<i>There is no specified acid-prone area in the issued drawing, see drawing NSRP-DWG-OCC-AR-3731 Rev21</i>
S-07	2	Book 2 (Architectural) Architectural Plan	-	LRS Service PIT	-	There is no detail drawing for service pit(LRS). We don't know what Paint is applied to the Service Pit wall. Should we apply the paint that is applied to the concrete wall according to the details of NSRP-DWG-OCC-AR-3731?	<i>Contractor may apply the paint on concrete wall in details, see NSRP-DWG-OCC-AR-3731 as Rev21</i>
S-07	2	Book 2 (Architectural) Architectural Plan	-	NSRP-DWG-OCC- AR-3005,3512	-	(STS Baseboard) BOQ : 150mm High Stainless Steel Baseboard AR-3005 : 12mm Stainless Strip AR-3512 : 3mm THK Stainless steel Baseboard What is the exact Spec?	<i>There are no issued drawings in rev21 for NSRP-DWG-OCC-AR-3005 and 3512, apply H=150mm T=3mm stainless steel strip, see drawing NSRP-DWG-OCC-AR-3601 as Rev21</i>

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S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 Light Repair Shop	-	There are three waterproof items in the BOQ. However, the drawings don't clearly indicate which waterproofing is applied. In particular, asphalt waterproof cannot be found. Please explain exactly what waterproof is applied to where.	<i>Please refer to SCRP_TS 500, Sub-Clause 514.1.1 for the Waterproofing area of applications based on the waterproofing type.</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-3.2 Pedestrian Shed	-	Please provide plans and details (Structural and Architectural) for Pedestrian Shed	<i>Please refer to drawing NSRP-DWG-DEP-AR-3401, rev. 21</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-3.21 Car Washing Track	-	Please provide plans and details (Structural and Architectural) for Car Washing Track	<i>Please refer to the following drawings: Architectural: NSRP-DWG-CWT-AR-3011 rev. 21.2 Structural: NSRP-DWG-CWT-ST-4101; 4111; 4112, rev. 21.2 Sanitary: NSRP-DWG-CWT-SN-7111, rev. 21</i>
S-07	2	Book 2 (Architectural) Architectural Plan	-	NSRP-DWG-OCC-AR-3611 NSRP-DWG-OCC-AR-3631 to 3632	-	Please confirm which will govern for the following doors at: a. Emergency Generator at Ground Floor: D1 as per NSRP-DWG-OCC-AR-3611 or D3 as per NSRP-DWG-OCC-AR-3631) b. Electric Mgmt. Div. Lounge (Office Area) at 3rd Floor: D6 as per NSRP-DWG-OCC-AR-3611 or D7 as per NSRP-DWG-OCC-AR-3632 c. Facility Mgmt Lounge (Office Area) at 3rd Floor: D3 as per NSRP-DWG-OCC-AR-3611 or D7 as per NSRP-DWG-OCC-AR-3632	<i>a. NSRP-DWG-OCC-AR-3611 will govern, refer to Rev21 b. NSRP-DWG-OCC-AR-3611 will govern, refer to Rev21 c. NSRP-DWG-OCC-AR-3632 will govern, refer to Rev21</i>
S-07	2	Book 2 (Architectural) Architectural Plan	-	NSRP-DWG-OCC-AR-3833 NSRP-DWG-OCC-AR-3131 to 3132	-	Please confirm which will govern for the following wall types: a. Stair 1: Wall type 1 as per NSRP-DWG-OCC-AR-3833 or Wall type 7 as per NSRP-DWG-OCC-AR-3131 b. Front of Pantry (Near Grid 2): Wall type 1 as per NSRP-DWG-OCC-AR-3833 or Wall type 2 as per NSRP-DWG-OCC-AR-3131 c. Male Toilet (Near Elev. Hall B): Wall type 1 as per NSRP-DWG-OCC-AR-3833 or Wall type 3 as per NSRP-DWG-OCC-AR-3132 d. Elevator Hall B: Wall type 2 as per NSRP-DWG-OCC-AR-3833 or Wall type 1 as per NSRP-DWG-OCC-AR-3132 e. VIP/Guest Lounge: Wall type 2 as per NSRP-DWG-OCC-AR-3833 or Wall type 8 as per NSRP-DWG-OCC-AR-3131 f. OCC Locker Room Female: Wall type 3 as per NSRP-DWG-OCC-AR-3833 or Wall type 2 as per NSRP-DWG-OCC-AR-3131	<i>a. Stair 1 wall along Grid1, NSRP-DWG-OCC-AR-3131 will govern; refer to Rev21 b. Front of pantry between Grid B-C/2, NSRP-DWG-OCC-AR-3131 will govern; refer to Rev21 c. Male Toilet near Elev Hall B.,NSRP-DWG-OCC-AR-3132 will govern; refer to Rev21 d. Elev Hall B.,NSRP-DWG-OCC-AR-3132 will govern; refer to Rev21 e. VIP/Guest Lounge.,NSRP-DWG-OCC-AR-3131will govern; refer to Rev21 f. OCC Locker Room Female,NSRP-DWG-OCC-AR-3131 will govern; refer to Rev21</i>
S-07	2	Book 2 (Architectural) Architectural Plan	-	NSRP-DWG-OCC-AR-3833	-	Kindly confirm if the wall type at Viewing Area (in between OCC Rooms) in 5th Floor is Wall type 2 (2H-Drywall (LGS+GB) 2x12mm Gypsum Board on Light Metal Frames)	<i>Confirmed Wall type 2 (W2).</i>

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S-07	2	Book 2 (Architectural Plans) Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-OCC-AR-3621 Bill No.4-1.1 Item No.C.2 Architectural Works	-	Conflict on the size of L3 (Full Louver Window): As per NSRP-DWG-OCC-AR-3621 : 1400mmW x 800mmH As per BOQ : 800mmW x 1400mmH	<i>Please refer to Addendum 2 BOQ</i>
S-07	2	Book 2 (Architectural) Architectural Plan	-	NSRP-DWG-OCC-AR-3611	-	Please provide location of D9-Single Leaf Fire Rated Steel Louver Door at Basement Stairs as stated on Schedule of Doors	<i>D9 is not applicable to basement stairs. NSRP-DWG-OCC-AR-3611 will be revised and issued as rev.21.2</i>
S-07	2	Book 2 (Architectural) Architectural Plan	-	NSRP-DWG-OCC-AR-3611	-	Please provide D.S. and F.B. hardware legend remarks	<i>NSRP-DWG-OCC-AR-3611 will be revised and issued as rev. 21.2</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No.4-1.2 Item No.C.2 Architectural Works	-	Kindly confirm where can we put the door D8 - W1000mm x H2100mm Single Leaf Wooden Door in the BOQ. Not shown on BOQ	<i>It is included under Bill 4-1.2 Pay Item No. D526(3)f - D8 for Light Repair Shop: W1000mm x H2100mm, Single Leaf Solid Wooden Door. Please refer to Addendum 2 BOQ,</i>
S-07	2	Book 2 (Architectural Plans) Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-LOS-AR-3601 Bill No.4-2.5 Item No.C.2 Architectural Works	-	Conflict between the Door size of D6 in Schedule of Doors (1000mmW x 2150mmH) and BOQ (900mmW x 2100mmH). Please confirm which will govern.	<i>Drawing to govern. BOQ will revised as below PIN D526(11) --- D6 for Oil Storage For Light Repair Shop: W1000mm x H2150mm, Single Leaf Fire-Rated Steel Flush Door with Bottom Louver, Fluoroure Baked Finish Revised BOQ will be issued in Addendum 2</i>
S-07	2	Book 2 (Architectural Plans) Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-FPH1-AR-3201 Bill No.4-2.5 Item No.C.2 Architectural Works	-	Conflict between the Door size of D4 in Schedule of Doors (850mmW x 2100mmH) and BOQ (900mmW x 2100mmH). Please confirm which will govern?	<i>Drawing to govern. BOQ will be revised as follows: PIN D526(9) --- D4 for Fuel Pump House 1: W850mm x H2100mm, Single Leaf Fire-Rated Steel Flush Door , Fluoroure Baked Finish Revised BOQ will be issued in Addendum 2</i>

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S-07	2	Book 2 (Architectural Plans) Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-DHS-AR-3601 Bill No.4-2.6 Item No.C.2 Architectural Works	-	Conflict between the Door Size of D8 in Schedule of Doors (2000mmW x 2150mmH) and BOQ (1900mmW x 2000mmH). Please confirm which will govern?	<i>Drawing to govern. BOQ will be revised as follows: PIN D526(12) --- D8 for Hazardous Store: W2000mm x H2150mm, Double Leaf Fire-Rated Steel Flush Door with Bottom Louver, Fluorouracil Baked Finish Revised BOQ will be issued in Addendum 2</i>
S-07	2	Book 2 (Architectural Plans) Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-TGB-AR-3601 NSRP-DWG-TGB-AR-3101 Bill No.4-2.8 Item No.C.2 Architectural Works	-	There is no Schedule of Door for Door Tag D4 and SS2 as reflected on Floor Plan and BOQ. There is no Door Tag D1 and SS3 as given in Schedule of Doors as well as there is no pay item in the BOQ. Kindly clarify this.	<i>The drawing NSRP-DWG-TGB-AR-3601 will be revised and issued as rev. 21.2. The door tags have been updated to SS2 and D4.</i>
S-07	2	Book 2 (Architectural Plans) Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-TMO-AR-3601 Bill No.4-2.9 Item No.C.2 Architectural Works	-	Conflict between the Door Sizes of the following in the given Schedule of Doors and BOQ. Please confirm which will govern. a. D1 (Schedule: 700mmW x 2150mmH/ BOQ: 600mmW x 2100mmH) b. D4 (Schedule: 1100mmW x 2150mmH/ BOQ: 1000mmW x 2100mmH) c. D7 (Schedule: 2000mmW x 2150mmH/ BOQ: 1900mmW x 2100mmH)	<i>Please refer to Addendum 2 BOQ</i>
S-07	2	Book 2 (Architectural Plans) Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-WPH1-AR-3601 Bill No.4-2.13 Item No.C.2 Architectural Works	-	Conflict between the door size of D9 given in the Schedule of Doors (2100mmW x 2200mmH) and BOQ (2000mmW x 2200mmH). Kindly confirm which will govern?	<i>Please refer to Addendum 2 BOQ</i>
S-07	2	Book 2 (Architectural Plans) Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-WPH2-AR-3601 Bill No.4-2.15 Item No.C.2 Architectural Works	-	Conflict between the door size of D9 given in the Schedule of Doors (2100mmW x 2150mmH) and BOQ (2100mmW x 2200mmH). Kindly confirm which will govern?	<i>Please refer to Addendum 2 BOQ</i>

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S-07	2	Book 2 (Architectural Plans) Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-DSP-AR-3101 NSRP-DWG-DSP-AR-3601 Bill No.6-1 Item No.C.2 Architectural Works	-	Kindly provide Door Schedule for D4.	<i>Drawing NSRP-DWG-DSP-AR-3201 and 3601 will be revised and issued in Addendum 2.</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No.6-1 Item No.C.2 Architectural Works	-	Please confirm where can we put W1 (2800mmW x 650mmH Double Paned Awning Type Window) on BOQ.	<i>Please refer to Addendum 2 BOQ Bill No. 6-1.</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No.6-1 Item No.C.2 Architectural Works NSRP-DWG-AR-3201	-	There is no pay item for W1 (2800mmW x 650mmH Double Paned Awning Type Window) in the BOQ. Kindly provide Pay item for it.	<i>Please refer to Addendum 2 BOQ Bill No. 6-1.</i>
S-07	2	Book 2 (Architectural Plans) Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-DSP-AR-3601 Bill No.6-1 Item No.C.2 Architectural Works	-	Conflict in the Size of D7 and W4 between the BOQ (D7: 2000mmW x 2100mmH and W4: 2500mmW x 650mmH) and Schedule of Doors and Windows (D7: 2498mmW x 3000mmH and W4: 1400mmW x 650mmH). Please confirm which will govern.	<i>Please refer to Addendum 2 BOQ Bill No. 6-1.</i>
S-07	2	Book 2 (Architectural) Structural OCC Building	-	NSRP-DWG-OCC-ST-4121 Basement Floor Framing Plan	-	Please confirm if Basement Floor Level is the same elevation with Foundation Plan. If not, please provide tagging for the highlighted Beams and Girders.	<i>The Basement Level have different elevations from the Foundation plan. Basement Floor Level Framing Plan will be revised and submitted in Addendum 2</i>
S-07	2	Book 2 (Architectural) Structural LRS Building	-	NSRP-DWG-LRS-ST-4121 Ground Floor Framing Plan	-	Please confirm if Ground Floor Level is the same elevation with Foundation Plan. If not, please provide tagging for the untagged beams and girders at Ground Floor.	<i>The Ground Floor Level has different elevations from the Foundation Plan. For the specified elevations, refer to Addendum 1 drawing NSRP-DWG-LRS-ST-4121 REV. 21.1</i>
S-07	2	Book 2 (Architectural) Structural LRS Building	-	NSRP-DWG-LRS-ST-4401 Wall Schedules	-	Please provide Structural Details and Blow Up Plan of TS1 at Ground Floor Level	<i>Structural detail of TS1 can be found on sheet NSRP-DWG-LRS-ST-4410 rev 21</i>
S-07	2	Book 2 (Architectural) Structural LRS Building	-	NSRP-DWG-LRS-ST-4401 Wall Schedules	-	Please provide location of W15.	<i>W15 can be found on drawing sheets NSRP-DWG-LRS-ST-4201 rev 21 NSRP-DWG-LRS-ST-4211 rev 21 NSRP-DWG-LRS-ST-4221 rev 21.1</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.1 OCC Building	-	Please provide Blow-up Plans and details (Architectural) for EPS.	<i>New detail drawing for EPS will be issued in Addendum 2</i>

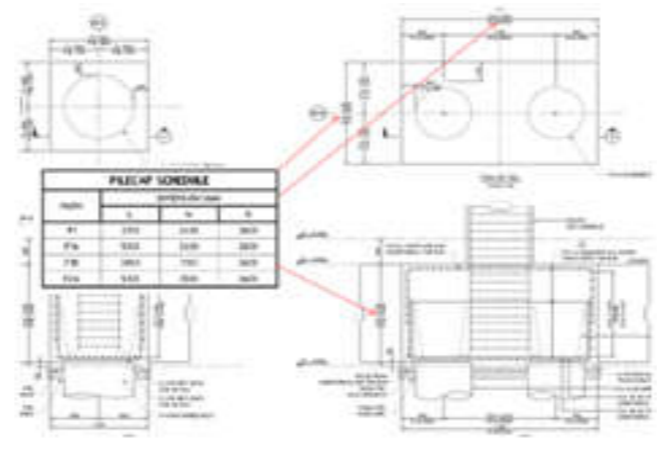
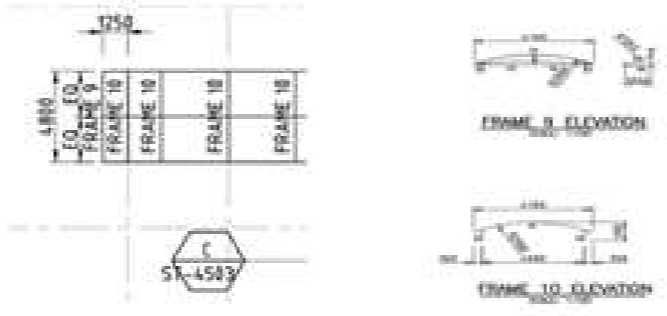
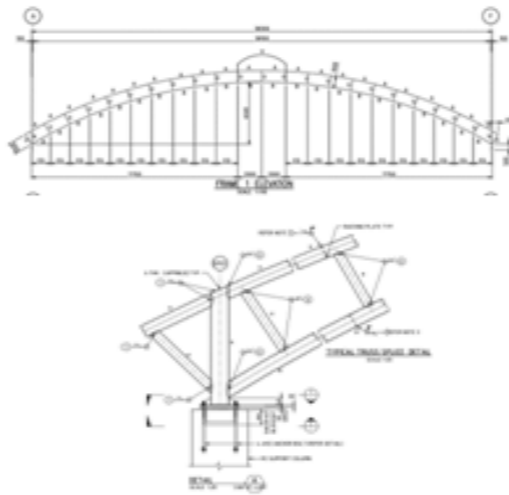
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S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.1 OCC Building	-	Please provide Blow-up Plans and details (Architectural) for SPPS.	<i>Please see details of SPPS in NSRP-DWG-OCC-AR-3501 as Rev21</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.1 OCC Building	-	Please provide Blow-up Plans and details (Structural and Architectural) for MPS.	<i>New detail drawing for MPS will be issued as rev. 21.2</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 Light Rail Shop	-	Please provide Blow-up Plans and details (Architectural) for Safety Hoop for Access Ladder.	<i>Please see details of access ladder in NSRP-DWG-LRS-AR-3502 as Rev21</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 Light Rail Shop	-	Please provide Blow-up Plans and details (Architectural) for Access Ladder for Pit.	<i>Please see details of access ladder in NSRP-DWG-LRS-AR-3501 as Rev21</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 Light Rail Shop	-	Please provide Blow-up Plans and details (Architectural) for Access Ladder for Cat Walk.	<i>Please see details of access ladder in NSRP-DWG-LRS-AR-3502 as Rev21</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.3 Unscheduled Repair Shop	-	Please provide Blow-up Plans and details (Architectural) for Stair with Railings.	<i>For stairs with railing details, please see drawing NSRP-DWG-URS-AR-3313 Rev21.2</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.4 Unscheduled Repair Shop	-	Please provide Blow-up Plans and details (Architectural) for Cast Iron Abrasive Nosing's.	<i>For stairs with railing details, please see drawing NSRP-DWG-URS-AR-3313 Rev21.2</i>
S-07	1	-	-	Volume 1	Item 707 D707(4)b on each section- Conduits and Cable Trays 1 lot Underground Conduit	Will you be providing us breakdown for the quantities of items?	<i>Please refer to SCRP_TS 700_Annex A, Section 707 --- Conduit and Cable Trays, for the components / cost inclusions for the Conduit. Also, please refer to NSRP-DWG-DEP-EL-5101 to 5103, rev. 21.1 for the section details of the Underground Conduit.</i>
S-07	1	-	-	Volume 1	Item 713 D713(11)b on each section- BMS Item 1 lot Wires and Cables	Will you be providing us breakdown for the quantities of items?	<i>Please refer to SCRP_TS 700_Annex A, Section 713 --- Building Management System (BMS) for the cost inclusions under BMS.</i>

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S-07	2	-	-	Volume 2 - 02_Book 2 (Architectural)/03_S07 Elec	CP S-07_EL_01_OCC, CP S-07_EL_02_LRS	Please provide load schedule for the following Panels UND-LP1, OCC-BPP3, OCC-BPP4, OCC-RLP2, Panel for Signaling Communications, Control Panel for Sump Pump for OCC, Control Panel for EF and SF for OCC, Control Panel for VF and MRV for LRS, Control Panel for MF &SF for LRS,	<i>Panel BPP3, BPP & RLP2 have been deleted. Refer to NSRP-DWG-OCC-EL-5677 v21 for load schedule of BPP1 & BPP2 and NSRP-DWG-DEP-EL-7101 v21 for load schedule of UND-LP1.</i> <i>Load schedule for Signaling Communications is by others.</i> <i>Control panel is to be coordinated with the specialist vendor.</i>
S-07	1A	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 Light Repair Shop	-	Pre-Painted Hi-Rip Zinc-Aluminum0Magnesium Roofing : Please explain which section this material is applied to. We can't find it in the drawing.	<i>This is applied in Canopy roofing, see NSRP-DWG-LRS-AR-3006,3201 and 3202 Rev.21</i>
S-05	2	Vol 2 Section 6	GS100	Appendix 9. PMIS	CDE	Aconex and Connected BIM is specified for PMIS and CDE (Common Data Environment) Please clarify, whether use of specified Connected BIM is mandatory or Contract able to propose alternatives for only for BIM related works.	<i>Connected BIM in Aconex is recommended, however Bidder can proposed alternatives to suit project requirements which inter-operable to all parties concerned.</i>
S-05	2	Volume 2	NSRP-DWG-VIA00-ST-1301	OCS Pole Cantilever Slab Concrete Details	OCS Pole Cantilever Slab Concrete Details	Please provide the information of OCS pole locations to identify where & how many OCS poles are at Viaduct.	<i>OCS pole locations are under design and will be issued in Addendum 3</i>
S-05	2	Vol.2 & CP S-05_01_BIN_ST	NSRP-DWG-BIN-ST-4101	PILE SETOUT PLAN	-	We kindly request of Pile Toe level at each piles.	<i>Refer to sheet NSRP-DWG-BIN-ST-4301 rev21.1 for elevation of Pile Toe.</i>
S-05	2	Vol.2 & CP S-05_01_PTA_ST	NSRP-DWG-PTA-ST-4101	PILE SETOUT PLAN	-	We kindly request of Pile Toe level at each piles.	<i>Refer to sheet NSRP-DWG-PTA-ST-4301 rev21.1 for elevation of Pile Toe.</i>
S-05	2	Vol.2 & CP S-05_01_SPO_ST	NSRP-DWG-SPO-ST-4101	PILE SETOUT PLAN	-	We kindly request of Pile Toe level at each piles.	<i>Refer to sheet NSRP-DWG-SPO-ST-4301 rev21.1 for elevation of Pile Toe.</i>
S-05	2	Vol.2 & CP S-05_01_SPO_ST	NSRP-DWG-SPO-ST-4101	PILE SETOUT PLAN	-	We kindly request of Pile Toe level at each piles.	<i>Refer to sheet NSRP-DWG-SRO-ST-4301 rev21.1 for elevation of Pile Toe.</i>
S-06	2	Section 6	GS100	Appendix 9. PMIS	CDE	Aconex and Connected BIM is specified for PMIS and CDE (Common Data Environment) Please clarify, whether use of specified Connected BIM is mandatory or Contract able to propose alternatives for only for BIM related works.	<i>Connected BIM in Aconex is recommended, however Bidder can proposed alternatives to suit project requirements which inter-operable to all parties concerned.</i>


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Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response												
S-06	2	Section 6	II. Drawing	NSRP-DWG-CAB – ST – 4111, 4302	Pilecap and Foundation Plan/ Concrete Work – Reinforcement Details Pile Cap	<p>The dimension of pile-cap shown in ST-4111 and ST- 4302 are not same. Clarification to the dimension of pile-caps is requested.</p>  <table border="1" data-bbox="1498 577 1736 693"> <thead> <tr> <th colspan="2">PILE CAP SCHEDULE</th> </tr> <tr> <th>NO.</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>1200 1200 300</td> </tr> <tr> <td>02</td> <td>1500 1500 300</td> </tr> <tr> <td>03</td> <td>1800 1800 300</td> </tr> <tr> <td>04</td> <td>2100 2100 300</td> </tr> </tbody> </table>	PILE CAP SCHEDULE		NO.	DESCRIPTION	01	1200 1200 300	02	1500 1500 300	03	1800 1800 300	04	2100 2100 300	<p><i>Sheet NSRP-DWG-CAB-ST-4111 will be revised to revision 21.2</i></p>
PILE CAP SCHEDULE																			
NO.	DESCRIPTION																		
01	1200 1200 300																		
02	1500 1500 300																		
03	1800 1800 300																		
04	2100 2100 300																		
S-06	2	Section 6	II. Drawing	NSRP-DWG-CAB – ST – 4166, 4503	Upper Roof Framing Plan / Steel Works – Roof Framing Detail	<p>The length of Steel frame shown in ST – 4166 and ST- 4503 are not same. Clarification to the dimension of steel frame is requested.</p> 	<p><i>Sheet NSRP-DWG-CAB-ST-4166 will be revised to rev. 21.2</i></p>												
S-06	2	Section 6	II. Drawing	NSRP-DWG-CAB – ST – 4502, 4511	Steel Work – Roof Framing Detail / Steel Work – Roof Detail	<p>Members's notation shown in ST 4502 and 4511 are not same. Clarification is requested.</p> 	<p><i>Sheet NSRP-DWG-CAB-ST-4511 will be revised to rev. 21.2</i></p>												

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S-06	-	13_CP S-06 Mainline Drainage	NSRP-DWG- VIA06-DR- 0169	AT-GRADE MAINLINE DRAINAGE PLAN AND SCHEDULE KM. 53+450 TO 53+800	-	In dwg NSRP-DWG-VIA06-DR-0169, Drainage channel details does not have Type 1, just have Type A, B, C. Please clarify if there is additional dwg or typo errors on this column	<i>This is Type A. Drawing will be revised and issued as rev.21.2</i>
S-06	-	14_CP S- 06_Maintenance Road				Retaining wall in maintenance road: there is no retaining wall profile sheets for retaining wall, so it is not possible to determine the overall height of wall and necessary levels for calculation. Please clarify this issue.	<i>Type of retaining wall and length is provided to where retaining wall is located along the length of maintenance road. Refer to drawing NSRP-DWG-VIA06-RD-2014 Rev 21 for retaining wall details. Retaining wall profile will be added in revision 21.2 drawing</i>
S-06	2	-	NSRP-DWG- VIA00-ST-1301	OCS Pole Cantilever Slab Concrete Details	OCS Pole Cantilever Slab Concrete Details	Please provide the information of OCS pole locations to identify where & how many OCS poles are at Viaduct.	<i>OCS pole locations are under design and will be issued in Addendum 3</i>
S-06	2	Section 6	II. Drawing	NSRP-DWG-VIA06 – DR – 0168, 0169, 0178	At-Grade Mainline Drainage Plan and Schedule	These drawings state manhole type. Typical details for these manhole types are requested.	<i>Manhole types are located in the station. For Sheets 168-169, please refer to sheets NSRP-DWG-BAN-DR-2021, 2041 to 2044. For Sheet 178, please refer to sheets NSRP-DWG-CAL-DR-2021, 2041 to 2044. These will be added as notes in NSRP-DWG-VIA06 – DR – 0168, 0169, 0178.</i>
S-06	2	Vol.2 & CP S-06_02_ BAN_ST	NSRP-DWG- BAN-ST-4101	PILE SETOUT PLAN	-	We kindly request of Pile Toe level at each piles.	<i>Refer to sheet NSRP-DWG-BAN-ST-4301 rev21 for elevation of Pile Toe.</i>
S-06	2	Vol.2 & CP S-06_02_ CAB_ST	NSRP-DWG- CAB-ST-4101	PILE SETOUT PLAN	-	We kindly request of Pile Toe level at each piles.	<i>Refer to sheet NSRP-DWG-CAB-ST-4301 rev21.1 for elevation of Pile Toe.</i>
S-06	2	Vol.2 & CP S-06_02_ CAL_ST	NSRP-DWG- CAL-ST-4101	PILE SETOUT PLAN	-	We kindly request of Pile Toe level at each piles.	<i>Refer to sheet NSRP-DWG-CAL-ST-4301 rev21.1 for elevation of Pile Toe.</i>
S-07	2	Vol 2 Section 6	GS100	Appendix 9. PMIS	CDE	Aconex and Connected BIM is specified for PMIS and CDE (Common Data Environment) Please clarify, whether use of specified Connected BIM is mandatory or Contract able to propose alternatives for only for BIM related works.	<i>Connected BIM in Aconex is recommended, however Bidder can proposed alternatives to suit project requirements which inter-operable to all parties concerned.</i>

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S-07	-	-	-	-	-	<p>There will the local road to be closed within ROW due to the construction works as highlighted below. Please clarify if it is the Contractor's scope of works to provide the temporary road.</p> 	<p><i>The local road will be replaced with the underpass road. The maintenance of the existing road will be a responsibility of the Contractor</i></p>
S-07	1	Section 4	-	BOQ No.2	-	<p>We refer to the quantities of 121,272 cum for the "Embankment (Using Common Soil Excavation)". Please clarify how the quantities was calculated.</p>	<p><i>The quantities of 121,272cum have been revised to 111,305cum in the Addendum 2 BOQ. Embankment(Using Common Soil Excavation) was calculated as the net volume of all suitable material in site multiply by a shrinkage factor.</i></p>
S-07	-	Site Data 10.4 Hydrology Report	3	Figure 9.2.1	-	<p>According to the Hydrology Report, Ambulong rain guage station is nearest one from S-07 area. However, NAIA rain guage station is used for the hydrologic analysis in the Hydrology Report. Please confirm which rain guage station is to provide reliable data for contractor's temporary drainage design during construction period.</p>	<p><i>The NAIA Rain Gauge is used for the Depot.</i></p>
S-07	-	Site Data 10.4 Hydrology Report	7, 16	Table 9.2.5 Table 9.3.1	-	<p>Please refer to relevant condition of contract regarding Value Engineering should the Contractor propose alternative to the design.</p>	<p><i>The RIDF used in the calculations are based on Regression Analysis. The value used for the 5 mins duration is also derived from this.</i></p>
S-07	-	-	Page 11 & NSRP-DWG-SDU-ST-0005	9.2.3 Flood Hazard Maps & NSRP-DWG-SDU-ST-0005	Feasibility Study on the North South Railway project-Hydrology Report	<p>According to the Hydrology Report, the flood level of 100-year return period is collected from NOAH Hazard Maps, which have 1m of DEM resolution. And the embankment level is estimated regarding flood level plus 1.5m above (=14.9 m a.s.l.) at eastmost area. Please clarify what the "FLOOD LEVEL" is in drawing, NSRP-DWG-SDU-ST-0005.</p>	<p><i>According to the NOAH Flood Maps, the Flooding in the Depot area ranges from 0.50m to 1.50m. The 1.50m flood depth is located in between chainage 0+180 to 0+420 in Road 1. Ground Level is approximately 13.00 m a.s.l. at the highest point + 1.50m + 0.500m freeboard =15.00m. Other locations in the depot have 0.50m flooding depth.</i></p>

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S-07	-	Technical Specification	TS100-28	10.3.3 Compaction 1) Compaction	The Contractor shall compact the material placed in all embankment layers and the material scarified to the designated depth below subgrade in cut sections, until a uniform density of not less than 95 mass percent of the maximum dry density determined by AASHTO T 99 Method C, is attained, at a moisture content determined by Engineer to be suitable for such density	Please specify compaction conditions such as compaction number of times by layer and moisture content required because they effect on construction period. If the conditions are completely up to contractor besides compaction density, 95%, then please clarify the contractor's requirement additionally in Technical Specifications.	<i>Compaction of subgrade/embankment should comply with TS requirements. Contractor to prepare his own construction methodology and submit to Engineer for review.</i>
S-07	-	-	Page 419~20	b) Rail level at San Cristobal River Access Track Bridge	Feasibility Study on the North South Railway project-Depot Design Report	There is no specifically given design flood level for S-07 Depot design. From Depot Design Report, the most resonable value of 100-year of flood level is estimated to be 14.9m a.s.l. from the bridge 16.4 a.s.l. minus 1.5m. Please provide official flood level regarding 100-year of return period.	<i>According to the NOAH Flood Maps. The Flooding in the depot ranges from 0.50m to 1.50m. The 1.50m flood depth is located in between chainage 0+180 to 0+420 in Road 1. Ground Level is approximately 13.00 m a.s.l. at the highest point + 1.50m + 0.500m freeboard =15.00m. Other locations in the depot have 0.50m flooding depth.</i>
S-07	-	-	TS100-24	10.2.9 Removal of Unsuitable Material	all unsuitable materials shall be excavated to the depth necessary for replacement of the selected topping to the required compacted thickness.	As far as understood, this sentence means that existing ground which has unsuitable material should be removed down to the level where suitable material encountered. Meanwhile, there is no "Disposal of unsuitable material" item in BOQ, since the item 24ha of "Clearing and Grubbing" does not include the excavation and disposal volume of unsuitable material. Please clarify the disposal cost of unsuitable material is on DOTr side or can be designated to "ad measurement" item. If neither, provide the disposal quantity in BOQ item apart from "Clearing and Grubbing".	<i>Please refer to Volume 2: 1) Section 6 – IC Technical Specification, Annex A- TS 200, 201.1.2 Basis of Payment for Structure Excavation & Backfill 2) Section 6 – IC Technical Specification, Annex A- TS 100, 101.1.2 Basis of Payment for Clearing & Grubbing</i>
S-07	-	-	NSRP-DWG-DEP-RD-1102,1201	Road2 Profile	-	There is a discrepancy between profile and table for the existing ground level of Road2. For instance, the existing ground level in profile is around 8.0m, but the level in the table is 15.068 for Chainage 0+100. Please clarify.	<i>Sheet NSRP-DWG-DEP-RD-1406 will be revised and issued as rev.21.2</i>
S-05	1	Section 4 BiddingForms	BF 27	5. Viaduct Sub-Structure	It shall provide details of the method of trimming the piles and constructing the pile caps.	Both methodologies of "2. Bored Piling" and "5. Viaduct Sub-Structure" include the method of constructing the pile caps. Please confirm whether the methodology of Viaduct Sub-Structure shall include the method of constructing the pile caps or both methodologies.	<i>Please include the method of constructing the pile caps in Viaduct Sub-structure.</i>
S-05	1	Section 4 Bidding Forms	BF 29	5. Viaduct Sub-Structure	Method of cutting and trimming pile heads.	Both methodologies of "2. Bored Piling" and "5. Viaduct Sub-Structure" include the method of trimming pile heads. Please confirm whether the methodology of bored piling shall include the method of trimming pile heads or both methodologies.	<i>Please include the method of constructing the pile caps in Viaduct Sub-structure.</i>

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S-05	1A	Part 1 / Section 4A Bidding Forms - Bills of Quantities and Schedules	BF 7	Last paragraph	In accordance with Sub-clause 12.3 of the GCC, any item of work included in the Bill of Quantities for which no rate or price has been given by the contractor shall be deemed as included in other rates and prices and will not be paid for separately.	How does the Employer propose to value any instruction given pursuant to the Sub-Clause 13.1 of Conditions of Contract where no such similar rate exists in the Bidder's offer? What will be the procedure of valuation pertaining to the Variations?	<i>The variation shall follow relevant FIDIC clauses with fair and agreed rate.</i>
S-05	1A	Part 1 / Section 4A Bill of Quantities / Preamble	N/A	6	A rate or price shall be entered against each item in the priced Bills of Quantities, whether quantities are inserted by the Contractor or not. Any item of work included in the Bills of Quantities for which no rate or price was specified shall be considered as included in other rates and prices in the Bills of Quantities and will not be paid for separately.	How does the Employer propose to value any instruction given pursuant to the Sub-Clause 13.1 of Conditions of Contract where no such similar rate exists in the Bidder's offer? What will be the procedure of valuation pertaining to the Variations?	<i>The variation shall follow relevant FIDIC clauses with fair and agreed rate.</i>
S-05	1A	Part 1 / Section 4A Bill N.8 Schedule of Provisional Sums	N/A	PS-1	Archeological Monitoring The Contractor shall be responsible for the charges and fees imposed for the measures and/or works deemed necessary in the event of discovering archeological interest on site. (Refer to GS 118.9.3)	It is understood that the respective contractor will be responsible to undertake any work required and/or measures to implement at the Site upon the discovery of archaeological interests. The Bidder reasonably assumes that the term "responsible" represents the Employer's written instruction (to the extent of which the Employer wishes the contractor to undertake) under the Clause 13 (prior to the commencement of any activity pertaining to those interests by the contractor) and the same will be paid against the Provisional Sum of 12,500,000 PHP. Please confirm.	<i>Bidder's understanding is correct. This item has been covered under relevant provisional sum.</i>

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S-05	1A	Part 1 / Section 4A Bill N.8 Schedule of Provisional Sums	N/A	PS-4 PS-4A PS-4B PS-4C	<p>Historical PNR Structure Protection/Relocation/Demolition The Contractor shall be responsible for the protection, relocation or demolition of all PNR old train stations and bridges along the project railway alignment, in accordance with the Philippines law and the governing Environmental Impact Statement (EIS) Report as reference guidelines.</p> <p>Careful removal and relocation of Historic Structures and Buildings and reassembly / rebuilding in specified locations.</p> <p>Keep Buildings/Structures intact, move to store, relocate on site later.</p> <p>Keep Buildings/Structures intact, move to store, to be exhibited off site.</p>	<p>Inline with the understanding of the PS-1 above, the Bidder assumes that the Employer will duly instruct the prescribed work items under the PS-4 pursuant to the Clause 13 of Conditions of Contract prior to the contractor's undertaking of any such work items.</p> <p>However, as an experienced contractor, the Bidder states that the handling of archaeological artifacts bears a very delicate process and very costly; likewise, it often impacts the Time for Completion. The Bidder is of the opinion that the values assigned to PS-4 are regarded low in consideration of the onerous process for the archaeological interests.</p> <p>The Employer is kindly requested to clarify.</p>	<p><i>Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to Bidders in Addendum 3</i></p>
S-05	3	Part B - Particular Conditions of Contract	PCC 10	3.6	<p>Add new Subclause heading "Management Meetings" with the following: "The Engineer or the Contractor's Representative may require the other to attend management meetings in order to review the arrangements for future work. The Engineer shall record the business of management meetings and supply copies of the records to those attending the meetings and to the Employer. In the records, responsibilities for any actions to be taken shall be in accordance with the Contract."</p>	<p>The Bidder refers to the last sentence of the new provision where it is stated: " In the records, responsibilities for any actions to be taken shall be in accordance with the Contract".</p> <p>The Bidder assumes that the Engineer will issue separate letters reflecting / confirming the actions taken in those meetings.</p> <p>Please clarify.</p>	<p><i>The Engineer will allocate responsibility for actions in the records and the contractor will be deemed to comply</i></p>

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S-05	3	Part B - Particular Conditions of Contract	PCC 11	4.6	At the end of final Paragraph, add the following: “The Contractor shall obtain the information in respect of plinths, block-outs, holes, hooks, and other instruments required for the installation and testing of E&M system from CP NS-01 Contractor [E&M Systems and Track Works] to reflect in working / shop drawings which will be prepared by the Contractor.” He shall coordinate these interfaces through BIM as well as traditional means. A description of the BIM system and its application is provided in the General Specification.	Please kindly clarify that the information in respect of plinths, block-outs, holes, hooks, and other instruments required for the installation and testing of E&M system from CP NS-01 Contractor [E&M Systems and Track Works] will be provided to Contractor in a timely manner to facilitate the Contractor to follow the work schedule.	<i>Please refer to GS 126 for Contractor's responsibility on Interface Management</i>
S-05	3	Part B - Particular Conditions of Contract	PCC 11	4.7	The Resettlement Action Plan is in Appendix 7 Environmental Management of General Specification, Annex E.	Appendix 7 of General Specification is related to “PNR including requirements for Access to PNR property”. The Employer is kindly requested to clarify the correct reference document for the Resettlement Action Plan.	<i>Bidder shall refer to site data 10.8 to the current version of RAP</i>
S-05	3	Volume 3 / Part B - Particular Conditions of Contract	PCC 12	4.16	Add the following at the end of the first paragraph: The Contractor shall adequately record the condition of roads, agricultural land and other infrastructure prior to the start of transporting materials, goods and equipment, and construction.	The Bidder would like to understand if the Employer has the intention to provide exceptions, i.e. no legal fees for overcapacity, for the contractor's load-carry facilities on the roads. The Bidder would also like to understand whether the Employer will be paying for the upgrade of the roads (if essentially required due to the circumstances encountered prior to and whilst transporting the Contractor's Equipment, Goods, Materials, Plant) in the Country.	<i>No. The Employer will not make exceptions for the items described. The Contractor will be responsible for making good any damage to infrastructure as a result of its activities and operations.</i>
S-05	3	Part B - Particular Conditions of Contract	PCC 16	8.1	Delete sub-paragraph 8.1 (d)	The Bidder understands that the Employer removed the "payment of advance payment" from the prerequisites pertaining to the Commencement of Works. The Bidder would like to understand the Employer's intentions as to removing this provision given the prescriptions how Payment will be made in accordance with the Sub-Clause 14.7 of Conditions of Contract. The Bidder would like to understand why the Employer may not pay the advance payment (one instalment) if the contractor meets all its requirements under the Contract.	<i>The Employer intends to commence the Works as soon as possible. As the duration for securing advance payment security, will take time the Employer has removed subclause 8.1 (d). Payment of the Advance will be made in accordance with GCC clause 14.2</i>
S-05	2	Section 6 – II: Drawings	“02_CP S-05_VIA00” - 38	NSRP-DWG-VIA00-ST-0401	BEARING GROUT PAD DETAILS REFER DWG No VIA00-ST-0782	The elastomeric bearings for 3500x3500 mm pear cap refer to VIA00-ST-0782, but the tender documents do not include the drawing of VIA00-ST-0782. Please, kindly provide the mentioned drawing.	<i>Call out for the bearing plinth shown in pier head plan shall be revised to "VIA00-ST-0781". NSRP-DWG-VIA00-ST-0401 will be revised and issued as rev.21.2</i>

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S-05	2	Section 6 – II: Drawings	“02_CP S-05_VIA00” - 84	NSRP-DWG-VIA00-ST-0781		There is a table for type 3 elastomeric bearings. On the other hand, the BoQ does not include type 3. Please provide the number of the elastomeric bearings type 3.	<i>Type 3 in the drawing shall be revised to Type 1 and Type 2.</i> <i>In the pier schedule, Type 1 applies to 10.3m and 11.5m wide precast segmental box girder. Type 2 applies to 6.3m and 5.1m wide precast segmental box girder.</i> <i>NSRP-DWG-VIA00-ST-0781 will be revised and issued in as rev. 21.2</i>
S-05	1A	Section 4A – Bill of Quantities	31	VIADUCT AND BRIDGES		In the BoQ there are 1227 Type 1 elastomeric bearings, but the drawings do not include the details and dimensions of type 1. Please provide the details and dimensions of type 1.	<i>No details has been provided in the drawings for Type 1 bearings since the Contractor will design the bearings as per Note #3 indicated in Addendum 1 drawing NSRP-DWG-VIA00-ST-0781 Rev 21.1.</i> <i>All Bearings shall be designed by the Contractor as per the requirements of AASHTO LRFD 2016 and shall be submitted to the Engineer for approval prior to fabrication.</i>
S-05	1A	Section 4A – Bill of Quantities	31	VIADUCT AND BRIDGES		In the BoQ there are 112 Type 2 elastomeric bearings, but the drawings do not include the details and dimensions of type 2. Please provide the details and dimensions of type 2.	<i>No details has been provided in the drawings for Type 2 bearings since the Contractor will design the bearings as per Note #3 indicated in the drawing.</i> <i>All Bearings shall be designed by the Contractor as per the requirements of AASHTO LRFD 2016 and shall be submitted to the Engineer for approval prior to fabrication.</i>
S-05	2	Section 6 – II: Drawings		“NSRP-DWG-BC02-ST-3051” BC03-ST-4050” BC07-ST-8050”		There is no information on the design displacements (translations) of the POT bearings. Please provide.	<i>NSRP-DWG-BC02-ST-3051, NSRP-DWG-BC03-ST-4050 and NSRP-DWG-BC07-ST-8050 will be revised and issued as rev. 21.2</i>
S-05	1	Section 4 Bidding Forms	BF 50	Form FIN - 1: Historical Financial Performance	Financial Data for Previous 5 Years [\$ Equivalent]	Tenderer understands that the financial values shall be expressed in US\$ equivalent in Form FIN-1. If the values in the historical financial statements of tenderer are not in the currency of US\$, the tenderer can use the exchange selling rates of Central Bank in its country to convert the values into US\$ in case the exchange rates do not exist in Borrower’s national bank. Please kindly specify Borrower’s national bank. The values belong to the reports for each year can be converted to US dollars at the rate of exchange at the end of the period reported. Please kindly confirm.	<i>1. Bidder shall provide the proof of the exchange rate they used to convert in case the currency is not available in the Borrower's national bank.</i> <i>2. Borrower's National Bank is Bangko Sentral ng Pilipinas.</i> <i>3. Bidder shall use the exchange rate at the end of the period reported.</i>

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S-05	1	Section 4 Bidding Forms	BF 51	Form FIN - 2: Average Annual Construction Turnover	The information supplied should be the Annual Turnover of the Bidder or each member of a Joint Venture in terms of the amounts billed to clients for each year for work in progress or completed, converted to US dollars at the rate of exchange at the end of the period reported.	Tenderer understands that the annual construction turnovers shall be converted in US\$ equivalent in Form FIN-2. If the values in the historical financial statements of tenderer are not in the currency of US\$, the tenderer can use the exchange selling rates of Central Bank in its country to convert the annual construction turnovers into US\$ in case the exchange rates do not exist in Borrower's national bank. The annual construction turnovers belong to the reports for each year can be converted to US dollars at the rate of exchange at the end of the period reported. Please kindly confirm.	<i>1. Bidder shall provide the proof of the exchange rate they used to convert in case the currency is not available in the Borrower's national bank. 2. Borrower's National Bank is Bangko Sentral ng Pilipinas. 3. Bidder shall use the exchange rate at the end of the period reported.</i>
S-05	1	Section 4 Bidding Forms	BF 52	Form FIN - 3: Availability of Financial Resources	Other Financial Resources	We understand that other financial resources refer to cash and cash equivalents, financial investments, Property, plant and equipment. Please kindly confirm. Could you please explain what does other Financial Resources refer to?	<i>Any financial resources which is not covered in the Financial Statement and Credit Line.</i>
S-05	1	Section 4 Bidding Forms	BF 53	Form FIN - 4: Financial Requirements for Current Contract Commitments	a Remaining outstanding contract values to be calculated from 28 days prior to the bid submission deadline (\$ equivalent based on the foreign exchange rate as of the same date).	Tenderer understands that the outstanding contract values shall be expressed in US\$ equivalent in Form FIN-4. If the original contract values are not in US\$, the tenderer can use the exchange selling rates of Central Bank in the country of the contract existing to convert the outstanding contract values into US\$ in case the exchange rates do not exist in Borrower's national bank. Please kindly confirm.	<i>Yes. Bidder shall provide the proof of the exchange rate they used to convert in case the currency is not available in the Borrower's national bank.</i>
S-05	2	Section 6 IB General Specification, GS 118 ENVIRONMENTAL MANAGEMENT Site Data EISR, Chapter 8 Environmental Compliance Monitoring	GS 62-64	Clauses from 118.8.4 to 118.8.9. Table 8.1.1 Environment Monitoring Plan for the Proposed SCRIP	The environmental monitoring parameters and some of the references in technical specifications does not match in ESIR Monitoring Program. The Contractor would like to note that the monitoring parameters given in the technical specifications mainly considers the industrial emissions/quality parameters whereas the monitoring parameters in EISR addresses construction related quality parameters.	The contractor will consider the monitoring parameters and references given in EISR where there exists a conflict. Please confirm.	<i>Yes it is confirmed</i>
S-05	-	Site Data SCRIP_EIS_VOLUME_1_2_26-Jun-2020.pdf	4-7, 4-8	CONTRACTOR'S ENVIRONMENTAL MANAGEMENT PLAN (CEMP)	The Contractor's Environmental Management and Monitoring Plan (EMP) is required to include the following plans; · Construction and Decommissioning Plan of Worker Camps and other Construction Facilities · Decommissioning Plan	Bidder's understanding is that the "Decommissioning Plan" should be under the scope of the project operation whereas the Contractor should develop only the "Construction and Decommissioning Plan of Worker Camps and other Construction Facilities". Please confirm. If both of the plans are considered under the scope of the Contractor please clarify the difference.	<i>Yes it is confirmed</i>

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S-05	1	Section 4 Bidding Forms	BF 55	Form EXP-1: Contracts of Similar Size and Nature	The exchange rate to be used to calculate the value of the contract for conversion to a specific currency shall be the selling rate of the Borrower's national bank on the date of the contract.	As per the given note in Form EXP-1, if the original contract values are not in US\$, the tenderer can use the exchange selling rates of Central Bank in the country of the contract in case the exchange rates do not exist in Borrower's national bank. Please kindly specify Borrower's national bank.	<i>Borrower's National Bank is Bangko Sentral ng Pilipinas.</i>												
S-05	1	Section 4 Bidding Forms	BF 56	Form EXP-2: Construction Experience in Key Activities	Note: \$ equivalent based on the foreign exchange rate as of the same date and currency of the contract.	As per the given note in Form EXP-2, if the original contract values are not in US\$, the tenderer can use the exchange selling rates of Central Bank in the country of the contract in case the exchange rates do not exist in Borrower's national bank. Please kindly specify Borrower's national bank.	<i>Borrower's National Bank is Bangko Sentral ng Pilipinas.</i>												
S-05	1	Section 4 Bidding Forms	BF 17	Key Personnel	Experience in Railway Projects (Years)	According to Section 3 Evaluation and Qualification Criteria 2.4.1 Contracts of Similar Size and Nature, The similar work is described as Road or Railway project of continuous nature. On the other hand, for Key Personnel, only experience in railway projects are specified. Considering the similar work description above, we kindly request you to change the criterion for Key Personnel as Experience in Road and Railway Projects.	<i>Please note that Contracts of Similar Size and Nature is not the only qualification requirement.</i> <i>No relaxation on the Key Personnel qualification will be granted.</i>												
S-05	1	Section 4A – Bill of Quantities	60	BI Pipes (including accessories and fittings)	ITEM No. DESCRIPTION UNIT QUANTITY 630(8) Stand Pipe and Hose System L.S. 1,00	We kindly request you to give subitems for this item.	<i>Breakdown of items are as follows:</i> <table border="1"> <thead> <tr> <th>Description</th> <th>Qty</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>150 x 65 mmØ Siamese Twin Fire Department Connection w/ Cap and Chain including identification sign, miscellaneous & consumables, hangers & supports and other necessary items required to complete the system</td> <td>1</td> <td>no.</td> </tr> <tr> <td>150 mmØ Check Valve</td> <td>1</td> <td>no.</td> </tr> <tr> <td>150 mmØ Gate Valve</td> <td>1</td> <td>no.</td> </tr> </tbody> </table>	Description	Qty	Unit	150 x 65 mmØ Siamese Twin Fire Department Connection w/ Cap and Chain including identification sign, miscellaneous & consumables, hangers & supports and other necessary items required to complete the system	1	no.	150 mmØ Check Valve	1	no.	150 mmØ Gate Valve	1	no.
Description	Qty	Unit																	
150 x 65 mmØ Siamese Twin Fire Department Connection w/ Cap and Chain including identification sign, miscellaneous & consumables, hangers & supports and other necessary items required to complete the system	1	no.																	
150 mmØ Check Valve	1	no.																	
150 mmØ Gate Valve	1	no.																	
S-05	2	Section 6-IA Scope of Works	SOW-14	2.4.4 Standardisation of Electrical and Mechanical Equipment	The Bidder shall provide with his Bid, full details of the materials proposed for each of the following elements of the Electrical and Mechanical Work: a) Fire pump systems control panels; b) Lighting distribution and control panels; c) ... For each item, these details should include, but need not be limited to: 1) Description 2) Catalogue Reference(s) 3) Brief Specification 4) Manufacturer Name 5) Country of Manufacture 6) The inclusion(s) made within the Price Bid for each of the item(s).	Please confirm that required documents can be given when we awarded and not necessary to submit within tender documents.	<i>Bidder shall submit all of the requested documents with its Bid.</i>												

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S-05	1	part IA, Section 4		Bill of Quantities, No. 3, Part B.4		According to the drawing of 02_CP S-05_VIA00 such as NSRP-DWG-VIA00-ST-0947, 11500 wide precast segmental construction are stated. However, there is not any item to point out this work as Fabrication and Erection of Structural Concrete Class 50 MPa for Precast Segmental Box Girder (W=11.5m, H=2.4m) in BoQ. Therefore, please clarify?	<i>Precast Segmental 11500mm width is not applicable in CP S-05.</i>
S-05	2	Section 6, Annex A - TS 200	23 of 56	207.1.1	No allowance shall be made for clips, tie wire, separators, wire chairs, and other material used in fastening the reinforcement in place. If bars are substituted upon the Contractor's request and as a result more reinforcing steel is used than specified in the contract documents, only the amount specified in the contract documents shall be included.	Please confirm that all given quantities of Reinforcing Steel items are including overlap, stirrup, spiral, etc.	<i>Yes. The quantities for overlap, stirrup, spiral, etc. are included in reinforcing steel items.</i>
S-05	2	Section 6, Annex A - TS 200	23 of 56	207.1.1	No allowance shall be made for clips, tie wire, separators, wire chairs, and other material used in fastening the reinforcement in place. If bars are substituted upon the Contractor's request and as a result, more reinforcing steel is used than specified in the contract documents, only the amount specified in the contract documents shall be included.	Please confirm that all given quantities of Reinforcing Steel items are excluding chairs, bracing, etc.	<i>Please refer to Volume 2, Technical Specifications, TS-200, 207 / Reinforcing Steel and TS-200 Annex A, 207.1 / Measurement and Payment</i>
S-05	1	Sec. 1-3,5	16 of 63	20. Format and Signing of Bid	20.2 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder.	It is understood that only all the pages of the original tender file will be signed, and the copies from this original file will be taken, and all the pages of these copies will not be signed in indelible ink. Please confirm.	<i>Bidder's understanding is correct.</i>

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S-05	11	Sec. 1-3,5	BDS 5 Page 30/63	ITB 20.2	If the Bidder is an intended or an existing Joint Venture, the power of attorney should be signed by all partners and specify the authority of the named representative of the Joint Venture to sign on behalf of, and legally bind the intended or existing Joint Venture. If the Joint Venture has not yet been formed, also include evidence from all proposed Joint Venture partners of their intent to enter into a Joint Venture in the event of a contract award in accordance with ITB 11.2.	Since this is an international bid which allows the bidders who may be from different countries, it is not possible to have one joint Power of Attorney (which must be officially notarized by legal institutes) in one PoA document. Therefore we kindly request you to accept separate PoA's from every single joint venture partner separately authorizing the same person to sign the tender. If the above our query is not acceptable, we kindly request you to accept an authorization letter, which will be signed by all the JV partners without notarization.	<i>It is acceptable.</i>
S-05	-	Section 6 – IC Technical Specification TS 700 – Electrical Works	140	715.2.1.1	Specifications are not provided but require for the smooth operation of the system. It should be integrated to Building Management System (BMS) and Point-of-Sales (POS)	Please give more information about "Point-of-Sales (POS)" integration.	<i>POS scope is by others. The Bidder to consider integration the details of which is to be developed by the specialist.</i>
S-05	1A	1.3 CP S-04 Vol.1A Sec.4A BOQ		715	CCTV Camera	Specification on Section 715 CCTV - it is indicated the camera resolution is 470 TVL system while the BOQ indicates an IP camera. Please provide clarifications	<i>CCTV is IP Camera as generally described in the BoQ. Type of camera in the TS to be revised and issued in Addendum 2</i>
S-05	2	Part II Section 6 I Specifications				Does the Employer specify a vendor list?	<i>No. Vendor list is not specified by the Employer.</i>
S-05	2	Part II Section 6 I Specifications				Does the Employer require Project Information Management System such as Aconex or any other similar system?	<i>Yes</i>
S-05	1A	Part I Section 4A BOQ		GS118(14) Demolition of Historical Structures and Building		With reference to Pay Item “GS118(14)” Lump Sum amount is requested for the demolition of historical structures and buildings. Can you please provide the schedule and exact location of buildings to be demolished?	<i>Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to Bidders in Addendum 3</i>
S-05	1A	Part I Section 4A BOQ		GS118(14) Demolition of Historical Structures and Building	Demolition of Historical Structures and Building	With reference to Pay Item “GS118(14)” Lump Sum amount is requested for the demolition of historical structures and buildings. Can you please provide the schedule of buildings to be demolished?	<i>Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to Bidders in Addendum 3</i>

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S-05	1A	Part I Section 4A BOQ		GS133(1) GS133(2) GS133(3)	Trees to be root balled, packaged ready for transport elsewhere to be replanted Trees within PNR Property to cut down, roots grubbed up for disposal off site Trees within 3rd party property to cut down, roots grubbed up for disposal off site	With reference to Pay Item NosGS133(1)GS133(2)GS133(3), Lump Sum amount is requested for tree removal / relocation. Can you please provide the schedule and location of the trees to be cut down or relocated? Can you please provide the relocation points for the trees to be relocated?	<i>Tree survey information will be provided in Addendum 4</i>
S-05	1	Part I, Section 1	ITB 5 & 6	4.3	A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply: (e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid;	It is the bidder's understanding that sub-clause 4.3-e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer. This sub-clause will not be binding for the bidder, either as a bidder or a subcontractor, while bidding in the other packages which also can be a combination of the multiple packages. Scenario-1; 1. Bidder A and Bidder B will form a Joint Venture (JV) in the bidding process for CP S-04, 2. Bidder B will be participating in the CP S-05 and CP S-06 as a subcontractor for the JV formed by Bidder C & Bidder D, 3. Bidder B will be participating in the CP S-01 and CP S-02 as a subcontractor for the JV formed by Bidder E&Bidder F. Taking the Scenario-1 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B, C, D, E and F).	<i>The conflict of interest as stated in ITB 4.3 refers to the bidding process a single package. As specified in ITB 4.3 (e) "...this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid."</i> <i>Specialist Subcontractor (as defined in ITB 34.2) can support more than one Bidder/JV, there is no limit.</i>

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S-05	1	Part I, Section 1	ITB 5 & 6	4.3	<p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply:</p> <p>(d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to material information about or improperly influence the bid of another Bidder, or influence the decisions of the Employer regarding this bidding process;</p> <p>(e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a</p>	<p>It is the bidder's understanding that sub-clause 4.3-d&e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer.</p> <p>This sub-clause will not be binding for the bidder, either as a bidder or a sub-contractor, while bidding in the other packages which also can be a combination of the multiple packages.</p> <p>Scenario-2;</p> <p>1. Bidder A and Bidder B will form a JV in the bidding process for CP S-04,</p> <p>2. Bidder B will be participating in the CP S-05 and CP S-06 as a subcontractor for the JV formed by Bidder C & Bidder D,</p> <p>3. Bidder/Firm G, which is sister company (same owner) of Bidder B, will be participating in the CP S-01 and CP S-02 as a subcontractor for the JV formed by Bidder E & Bidder F.</p> <p>Taking the Scenario-2 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B, C, D, E, F & G).</p>	<p><i>The conflict of interest as stated in ITB 4.3 refers to the bidding process a single package. As specified in ITB 4.3 (e) "...this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid."</i></p> <p><i>Specialist Subcontractor (as defined in ITB 34.2) can support more than one Bidder/JV, there is no limit.</i></p>

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S-05	1	Part I, Section 1	ITB 5 & 6	4.3	<p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply:</p> <p>(e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid;</p>	<p>It is the bidder's understanding that sub-clause 4.3-e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer.</p> <p>This sub-clause will not be binding for the bidder, either as a bidder or a sub-contractor, while bidding in the other packages which also can be a combination of the multiple packages.</p> <p>Scenario-3;</p> <ol style="list-style-type: none"> Bidder A and Bidder B will form a JV in the bidding process for CP S-04, Bidder B and Bidder C will form a Joint Venture (JV) in the bidding process for CP S-05 and CP S-06. <p>Taking the Scenario-3 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B & C).</p>	<p><i>The conflict of interest as stated in ITB 4.3 refers to the bidding process a single package. The quoted scenario of bidding is not classified as conflict of interest under ITB 4.3.</i></p>

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S-05	1	part I, Section 1	ITB 5 & 6	4.3	<p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply:</p> <p>(e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid;</p>	<p>It is the bidder's understanding that sub-clause 4.3-e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer.</p> <p>This sub-clause will not be binding for the bidder, either as a bidder or a sub-contractor, while bidding in the other packages which also can be a combination of the multiple packages.</p> <p>Scenario-4;</p> <p>1. Bidder A and Bidder B will form a JV in the bidding process for CP S-04,</p> <p>2. Bidder B will be participating in the CP S-04 as a subcontractor for the JV formed by Bidder C & Bidder D.</p> <p>Taking the Scenario-4 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B, C & D).</p>	<p><i>Bidder is reminded to pay attention to 4.3 (d) that states that a Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to material information about or improperly influence the bid of another Bidder, or influence the decisions of the Employer regarding this bidding process.</i></p>
S-06	1	Section 4 Bidding Forms	BF 27	5. Viaduct Sub-Structure	It shall provide details of the method of trimming the piles and constructing the pile caps.	Both methodologies of "2. Bored Piling" and "5. Viaduct Sub-Structure" include the method of constructing the pile caps. Please confirm whether the methodology of Viaduct Sub-Structure shall include the method of constructing the pile caps or both methodologies.	<i>Please include the method of constructing the pile caps in Viaduct Sub-structure.</i>
S-06	1	Section 4 Bidding Forms	BF 29	5. Viaduct Sub-Structure	Method of cutting and trimming pile heads.	Both methodologies of "2. Bored Piling" and "5. Viaduct Sub-Structure" include the method of trimming pile heads. Please confirm whether the methodology of bored piling shall include the method of trimming pile heads or both methodologies.	<i>Please include the method of constructing the pile caps in Viaduct Sub-structure.</i>
S-06	1A	Part 1 / Section 4A Bidding Forms - Bills of Quantities and Schedules	BF 7	Last paragraph	In accordance with Sub-clause 12.3 of the GCC, any item of work included in the Bill of Quantities for which no rate or price has been given by the contractor shall be deemed as included in other rates and prices and will not be paid for separately.	How does the Employer propose to value any instruction given pursuant to the Sub-Clause 13.1 of Conditions of Contract where no such similar rate exists in the Bidder's offer? What will be the procedure of valuation pertaining to the Variations?	<i>The variation shall follow relevant FIDIC clauses with fair and agreed rate.</i>

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S-06	1A	part 1 / Section 4A Bill of Quantities / Preamble	N/A	6	A rate or price shall be entered against each item in the priced Bills of Quantities, whether quantities are inserted by the Contractor or not. Any item of work included in the Bills of Quantities for which no rate or price was specified shall be considered as included in other rates and prices in the Bills of Quantities and will not be paid for separately.	How does the Employer propose to value any instruction given pursuant to the Sub-Clause 13.1 of Conditions of Contract where no such similar rate exists in the Bidder's offer? What will be the procedure of valuation pertaining to the Variations?	<i>The variation shall follow relevant FIDIC clauses with fair and agreed rate.</i>
S-06	1A	Part 1 / Section 4A Bill N.8 Schedule of Provisional Sums	N/A	PS-1	Archeological Monitoring The Contractor shall be responsible for the charges and fees imposed for the measures and/or works deemed necessary in the event of discovering archeological interest on site. (Refer to GS 118.9.3)	It is understood that the respective contractor will be responsible to undertake any work required and/or measures to implement at the Site upon the discovery of archaeological interests. The Bidder reasonably assumes that the term "responsible" represents the Employer's written instruction (to the extent of which the Employer wishes the contractor to undertake) under the Clause 13 (prior to the commencement of any activity pertaining to those interests by the contractor) and the same will be paid against the Provisional Sum of 11,000,000 PHP. Please confirm.	<i>Bidder's understanding is correct. This item has been covered under relevant provisional sum.</i>
S-06	1A	Part 1 / Section 4A Bill N.8 Schedule of Provisional Sums	N/A	PS-4 PS-4A PS-4B PS-4C	Historical PNR Structure Protection/Relocation/Demolition The Contractor shall be responsible for the protection, relocation or demolition of all PNR old train stations and bridges along the project railway alignment, in accordance with the Philippines law and the governing Environmental Impact Statement (EIS) Report as reference guidelines. Careful removal and relocation of Historic Structures and Buildings and reassembly / rebuilding in specified locations. Keep Buildings/Structures intact, move to store, relocate on site later. Keep Buildings/Structures intact, move to store, to be exhibited off site.	Inline with the understanding of the PS-1 above, the Bidder assumes that the Employer will duly instruct the prescribed work items under the PS-4 pursuant to the Clause 13 of Conditions of Contract prior to the contractor's undertaking of any such work items. However, as an experienced contractor, the Bidder states that the handling of archaeological artifacts bears a very delicate process and very costly; likewise, it often impacts the Time for Completion. The Bidder is of the opinion that the values assigned to PS-4 are regarded low in consideration of the onerous process for the archaeological interests. The Employer is kindly requested to clarify.	<i>Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to Bidders in Addendum 3</i>

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S-06	3	Part B - Particular Conditions of Contract	PCC 10	3.6	Add new Subclause heading “Management Meetings” with the following: “The Engineer or the Contractor’s Representative may require the other to attend management meetings in order to review the arrangements for future work. The Engineer shall record the business of management meetings and supply copies of the records to those attending the meetings and to the Employer. In the records, responsibilities for any actions to be taken shall be in accordance with the Contract.”	<p>The Bidder refers to the last sentence of the new provision where it is stated: " In the records, responsibilities for any actions to be taken shall be in accordance with the Contract".</p> <p>The Bidder assumes that the Engineer will issue separate letters reflecting / confirming the actions taken in those meetings.</p> <p>Please clarify.</p>	<i>The Engineer will allocate responsibility for actions in the records and the Contractor will be deemed to comply</i>
S-06	3	Part B - Particular Conditions of Contract	PCC 11	4.6	At the end of final Paragraph, add the following: “The Contractor shall obtain the information in respect of plinths, block-outs, holes, hooks, and other instruments required for the installation and testing of E&M system from CP NS-01 Contractor [E&M Systems and Track Works] to reflect in working / shop drawings which will be prepared by the Contractor.” He shall coordinate these interfaces through BIM as well as traditional means. A description of the BIM system and its application is provided in the General Specification.	<p>Please kindly clarify that the information in respect of plinths, block-outs, holes, hooks, and other instruments required for the installation and testing of E&M system from CP NS-01 Contractor [E&M Systems and Track Works] will be provided to Contractor in a timely manner to facilitate the Contractor to follow the work schedule.</p>	<i>Please refer to GS 126 for Contractor's responsibility on Interface Management</i>
S-06	3	Part B - Particular Conditions of Contract	PCC 11	4.7	The Resettlement Action Plan is in Appendix 7 Environmental Management of General Specification, Annex E.	<p>Appendix 7 of General Specification is related to “PNR including requirements for Access to PNR property”. The Employer is kindly requested to clarify the correct reference document for the Resettlement Action Plan.</p>	<i>Bidder shall refer to site data 10.8 to the current version of RAP</i>
S-06	3	Part B - Particular Conditions of Contract	PCC 12	4.16	Add the following at the end of the first paragraph: The Contractor shall adequately record the condition of roads, agricultural land and other infrastructure prior to the start of transporting materials, goods and equipment, and construction.	<p>The Bidder would like to understand if the Employer has the intention to provide exceptions, i.e. no legal fees for overcapacity, for the contractor's load-carry facilities on the roads.</p> <p>The Bidder would also like to understand whether the Employer will be paying for the upgrade of the roads (if essentially required due to the circumstances encountered prior to and whilst transporting the Contractor's Equipment, Goods, Materials, Plant) in the Country.</p>	<p><i>No. The Employer will not make exceptions for the items described.</i></p> <p><i>The Contractor will be responsible for making good any damage to infrastructure as a result of its activities and operations.</i></p>

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S-06	3	Part B - Particular Conditions of Contract	PCC 16	8.1	Delete sub-paragraph 8.1 (d)	<p>The Bidder understands that the Employer removed the "payment of advance payment" from the prerequisites pertaining to the Commencement of Works.</p> <p>The Bidder would like to understand the Employer's intentions as to removing this provision given the prescriptions how Payment will be made in accordance with the Sub-Clause 14.7 of Conditions of Contract.</p> <p>The Bidder would like to understand why the Employer may not pay the advance payment (one instalment) if the contractor meets all its requirements under the Contract.</p>	<p><i>The Employer intends to commence the Works as soon as possible. As the duration for securing advance payment security, will take time the Employer has removed subclause 8.1 (d). Payment of the Advance will be made in accordance with GCC clause 14.2</i></p>
S-06	2	Section 6 – II: Drawings	“02_CP S-06_VIA00” - 38	NSRP-DWG-VIA00-ST-0401	BEARING GROUT PAD DETAILS REFER DWG No VIA00-ST-0782	<p>The elastomeric bearings for 3500x3500 mm pear cap refer to VIA00-ST-0782, but the tender documents do not include the drawing of VIA00-ST-0782. Please, kindly provide the mentioned drawing.</p>	<p><i>Call out for the bearing plinth shown in pier head plan shall be revised to "VIA00-ST-0781".</i></p> <p><i>NSRP-DWG-VIA00-ST-0401 will be revised and issued as rev. 21.2</i></p>
S-06	2	Section 6 – II: Drawings	“02_CP S-06_VIA00” - 84	NSRP-DWG-VIA00-ST-0781		<p>There is a table for type 3 elastomeric bearings. On the other hand, the BoQ does not include type 3. Please provide the number of the elastomeric bearings type 3.</p>	<p><i>Type 3 in the drawing shall be revised to Type 1 and Type 2.</i></p> <p><i>In the pier schedule, Type 1 applies to 10.3m and 11.5m wide precast segmental box girder. Type 2 applies to 6.3m and 5.1m wide precast segmental box girder.</i></p> <p><i>NSRP-DWG-VIA00-ST-0781 will be revised and issued as rev.21.2</i></p>
S-06	1A	Section 4A – Bill of Quantities	32	VIADUCT AND BRIDGES		<p>In the BoQ there are 1149 Type 1 elastomeric bearings, but the drawings do not include the details and dimensions of type 1. Please provide the details and dimensions of type 1.</p>	<p><i>No details has been provided in the drawings for Type 1 bearings since the Contractor will design the bearings as per Note #3 indicated in Addendum 1 drawing NSRP-DWG-VIA00-ST-0781 Rev 21.1.</i></p> <p><i>All Bearings shall be designed by the Contractor as per the requirements of AASHTO LRFD 2016 and shall be submitted to the Engineer for approval prior to fabrication.</i></p>
S-06	1A	Section 4A – Bill of Quantities	32	VIADUCT AND BRIDGES		<p>In the BoQ there are 228 Type 2 elastomeric bearings, but the drawings do not include the details and dimensions of type 2. Please provide the details and dimensions of type 2.</p>	<p><i>No details has been provided in the drawings for Type 2 bearings since the Contractor will design the bearings as per Note #3 indicated in the drawing.</i></p> <p><i>All Bearings shall be designed by the Contractor as per the requirements of AASHTO LRFD 2016 and shall be submitted to the Engineer for approval prior to fabrication.</i></p>

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S-06	2	Section 6 – II: Drawings		NSRP-DWG-BC07- ST-8050		There is no information on the design displacements (translations) of the POT bearings. Please provide.	<i>NSRP-DWG-BC07-ST-8050 will be revised and issued as rev.21.2</i>
S-06	1	Section 4 Bidding Forms	BF 51	Form FIN - 1: Historical Financial Performance	Financial Data for Previous 5 Years [\$ Equivalent]	Tenderer understands that the financial values shall be expressed in US\$ equivalent in Form FIN-1. If the values in the historical financial statements of tenderer are not in the currency of US\$, the tenderer can use the exchange selling rates of Central Bank in its country to convert the values into US\$ in case the exchange rates do not exist in Borrower's national bank. Please kindly specify Borrower's national bank. The values belong to the reports for each year can be converted to US dollars at the rate of exchange at the end of the period reported. Please kindly confirm.	<i>1. Bidder shall provide the proof of the exchange rate they used to convert in case the currency is not available in the Borrower's national bank. 2. Borrower's National Bank is Bangko Sentral ng Pilipinas. 3. Bidder shall use the exchange rate at the end of the period reported.</i>
S-06	1	Section 4 Bidding Forms	BF 52	Form FIN - 2: Average Annual Construction Turnover	The information supplied should be the Annual Turnover of the Bidder or each member of a Joint Venture in terms of the amounts billed to clients for each year for work in progress or completed, converted to US dollars at the rate of exchange at the end of the period reported.	Tenderer understands that the annual construction turnovers shall be converted in US\$ equivalent in Form FIN-2. If the values in the historical financial statements of tenderer are not in the currency of US\$, the tenderer can use the exchange selling rates of Central Bank in its country to convert the annual construction turnovers into US\$ in case the exchange rates do not exist in Borrower's national bank. The annual construction turnovers belong to the reports for each year can be converted to US dollars at the rate of exchange at the end of the period reported. Please kindly confirm.	<i>1. Bidder shall provide the proof of the exchange rate they used to convert in case the currency is not available in the Borrower's national bank. 2. Borrower's National Bank is Bangko Sentral ng Pilipinas. 3. Bidder shall use the exchange rate at the end of the period reported.</i>
S-06	1	Section 4 Bidding Forms	BF 53	Form FIN - 3: Availability of Financial Resources	Other Financial Resources	We understand that other financial resources refer to cash and cash equivalents, financial investments, Property, plant and equipment. Please kindly confirm. Could you please explain what does other Financial Resources refer to?	<i>Any financial resources which is not covered in the Financial Statement and Credit Line.</i>
S-06	1	Section 4 Bidding Forms	BF 54	Form FIN - 4: Financial Requirements for Current Contract Commitments	a Remaining outstanding contract values to be calculated from 28 days prior to the bid submission deadline (\$ equivalent based on the foreign exchange rate as of the same date).	Tenderer understands that the outstanding contract values shall be expressed in US\$ equivalent in Form FIN-4. If the original contract values are not in US\$, the tenderer can use the exchange selling rates of Central Bank in the country of the contract existing to convert the outstanding contract values into US\$ in case the exchange rates do not exist in Borrower's national bank. Please kindly confirm.	<i>Yes. Bidder shall provide the proof of the exchange rate they used to convert in case the currency is not available in the Borrower's national bank.</i>

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S-06	2	Section 6 IB General Specification, GS 118 ENVIRONMENTAL MANAGEMENT Site Data EISR, Chapter 8 Environmental Compliance Monitoring	GS 62-64	Clauses from 118.8.4 to 118.8.9. Table 8.1.1 Environment Monitoring Plan for the Proposed SCRPP	The environmental monitoring parameters and some of the references in technical specifications does not match in ESIR Monitoring Program. The Contractor would like to note that the monitoring parameters given in the technical specifications mainly considers the industrial emissions/quality parameters whereas the monitoring parameters in EISR addresses construction related quality parameters.	The contractor will consider the monitoring parameters and references given in EISR where there exists a conflict. Please confirm.	<i>Yes it is confirmed</i>
S-06	1	Site Data SCRPP_EIS_ VOLUME_1 _2_26-Jun- 2020.pdf	4-7, 4-8	CONTRACTOR'S ENVIRONMENTAL MANAGEMENT PLAN (CEMP)	The Contractor's Environmental Management and Monitoring Plan (EMP) is required to include the following plans; · Construction and Decommissioning Plan of Worker Camps and other Construction Facilities · Decommissioning Plan	Bidder's understanding is that the "Decommissioning Plan" should be under the scope of the project operation whereas the Contractor should develop only the "Construction and Decommissioning Plan of Worker Camps and other Construction Facilities". Please confirm. If both of the plans are considered under the scope of the Contractor please clarify the difference.	<i>Yes it is confirmed</i>
S-06	1	Section 4A - BOQ		Bill No.3	Anti-graffiti coating to piers 3m high from ground level to all exposed concrete	Please could you share the specifications for anti-graffiti coating in order to give a competitive price for this item?	<i>TS 211 will be revised and issued in Addendum 2 to include the anti-graffiti coating.</i>
S-06	1	Section 4 Bidding Forms	BF 56	Form EXP-1: Contracts of Similar Size and Nature	The exchange rate to be used to calculate the value of the contract for conversion to a specific currency shall be the selling rate of the Borrower's national bank on the date of the contract.	As per the given note in Form EXP-1, if the original contract values are not in US\$, the tenderer can use the exchange selling rates of Central Bank in the country of the contract in case the exchange rates do not exist in Borrower's national bank. Please kindly specify Borrower's national bank.	<i>Borrower's National Bank is Bangko Sentral ng Pilipinas.</i>
S-06	1	Section 4 Bidding Forms	BF 57	Form EXP-2: Construction Experience in Key Activities	Note: \$ equivalent based on the foreign exchange rate as of the same date and currency of the contract.	As per the given note in Form EXP-2, if the original contract values are not in US\$, the tenderer can use the exchange selling rates of Central Bank in the country of the contract in case the exchange rates do not exist in Borrower's national bank. Please kindly specify Borrower's national bank.	<i>Borrower's National Bank is Bangko Sentral ng Pilipinas.</i>
S-06	1	Section 4 Bidding Forms	BF 17	Key Personnel	Experience in Railway Projects (Years)	According to Section 3 Evaluation and Qualification Criteria 2.4.1 Contracts of Similar Size and Nature, The similar work is described as Road or Railway project of continuous nature. On the other hand, for Key Personnel, only experience in railway projects are specified. Considering the similar work description above, we kindly request you to change the criterion for Key Personnel as Experience in Road and Railway Projects.	<i>Please note that Contracts of Similar Size and Nature is not the only qualification requirement. No relaxation on the Key Personnel qualification will be granted.</i>

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S-06	1	Section 3 - Evaluation and Qualification Criteria	Page: EQC 17 Volume I Page: 54/65	Clause 1.4 Step 4 – Ranking of Bidders 1.4.3 Bidders may bid for a single package only or for both packages.	To be successfully awarded the contract for specific multiple Packages, the Bidder’s capacity/capability, whether as a single entity or Joint Venture (JV) must meet the following aggregated requirements for the particular Packages under consideration, failing which the Bidder will not be eligible to be awarded contracts for those multiple Packages. Bidder bidding as Joint Venture in multiple packages shall take into consideration the compliance of Each Partner and One Partner with the aggregated requirements of average annual construction turnover (AACT) and financial resources as stated in EQC 2.3.2 and 2.3.3.	We would like request that in case the partners are same but the structure of the Joint Venture partnership differs for package CP S-05 and CP S-06, is the Joint Venture partnership still be able to submit a combined offer for multiple packages CP S-05 and CP S-06? To e more specifically, if “Company A” and “Company B” establishes a Joint Venture Partnership and for packet CP S-05, “Company A” would be the lead partner and for packet CP S-06, “Company B” would be the lead partner; then, is “A+B Joint Venture” still be able to submit a combined offer for multiple packages CP S-05 and CP S-06?	<i>The Employer may consider the Joint Venture as a single Bidder if there is only one Joint Venture Agreement covering both packages with clear indication of shares for each package.</i> <i>The Bidder may submit combined offer for multiple package given that they follow the following conditions required under ITB 4.1:</i> <i>1. The joint Venture partners (Company A and Company B) shall be jointly and severally liable for CPS-05 and CP-S-06 package, regardless of whether there are different percentages of shares for each package..</i> <i>2. One Joint Venture shall nominate only one Representative for both CP S-05 and CP S-06 who shall have the authority to conduct all business for and on behalf of any and all the parties of the Joint Venture during the bidding process and during contract execution. These arrangements shall not be changed after the contract award.</i>
S-06	1	Section 3 - Evaluation and Qualification Criteria	Page: EQC 25 Volume I Page: 62/65	Clause 2.4.2 Construction Experience in Key Activities Item 1	Construction of Steel Tied Arch Bridge	As per the similar nature and complexity of steel arch bridges and steel tied-arch bridges, we understood that both bridge types are acceptable which proves the technical bridge construction capacity of the applicant to implement the subject project. Please confirm our understanding is correct.	<i>Please refer to the Drawings, San Cristobal Arch Bridge Contruction Sequence which illustrated Engineer's envisaged construction method for the steel tied arch bridge. Bidder need to demonstrate their experience and capability of constructing the bridge using this type of construction method.</i>
S-06	1	Section 3 - Evaluation and Qualification Criteria	Page: EQC 25 Volume I Page: 62/65	Clause 2.4.2 Construction Experience in Key Activities Item 1	Construction of Steel Tied Arch Bridge	Having experience of steel cable-stayed bridge with a minimum span length of 100m also proves the technical bridge construction capacity of the applicant. Therefore, to create more competitive bidding conditions for potential bidders, we kindly ask you to accept steel cable-stayed bridges for the subject requirement.	<i>Please refer to the Drawings, San Cristobal Arch Bridge Contruction Sequence which illustrated Engineer's envisaged construction method for the steel tied arch bridge. Bidder need to demonstrate their experience and capability of constructing the bridge using this type of construction method.</i>

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S-06	2	Section 6-IA Scope of Works	SOW-14	2.4.4 Standardisation of Electrical and Mechanical Equipment	The Bidder shall provide with his Bid, full details of the materials proposed for each of the following elements of the Electrical and Mechanical Work: a) Fire pump systems control panels; b) Lighting distribution and control panels; c) ... For each item, these details should include, but need not be limited to: 1) Description 2) Catalogue Reference(s) 3) Brief Specification 4) Manufacturer Name 5) Country of Manufacture 6) The inclusion(s) made within the Price Bid for each of the item(s).	Please confirm that required documents can be given when we awarded and not necessary to submit within tender documents.	<i>Bidder shall submit all of the requested documents with its Bid.</i>
S-06	1	part IA, Section 4		Bill of Quantities, No. 3, Part B.4		According to the drawing of 02_CP S-06_VIA00 such as NSRP-DWG-VIA00-ST-0947, 11500 wide precast segmental construction are stated. However, there is not any item to point out this work as Fabrication and Erection of Structural Concrete Class 50 MPa for Precast Segmental Box Girder (W=11.5m, H=2.4m) in BoQ. Therefore, please clarify?	<i>Precast Segmental 11500mm width is not applicable in CP S-06.</i>
S-06	2	Section 6, Annex A - TS 200	23 of 56	207.1.1	No allowance shall be made for clips, tie wire, separators, wire chairs, and other material used in fastening the reinforcement in place. If bars are substituted upon the Contractor's request and as a result more reinforcing steel is used than specified in the contract documents, only the amount specified in the contract documents shall be included.	Please confirm that all given quantities of Reinforcing Steel items are including overlap, stirrup, spiral, etc.	<i>Yes. The quantities for overlap, stirrup, spiral, etc. are included in reinforcing steel items.</i>
S-06	2	Section 6, Annex A - TS 200	23 of 56	207.1.1	No allowance shall be made for clips, tie wire, separators, wire chairs, and other material used in fastening the reinforcement in place. If bars are substituted upon the Contractor's request and as a result more reinforcing steel is used than specified in the contract documents, only the amount specified in the contract documents shall be included.	Please confirm that all given quantities of Reinforcing Steel items are excluding chairs, bracing, etc.	<i>Please refer to Volume 2, Technical Specifications, TS-200, 207 / Reinforcing Steel and TS-200 Annex A, 207.1 / Measurement and Payment</i>

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S-06	1	Sec. 1-3,5	16 of 65	20. Format and Signing of Bid	20.2 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder.	It is understood that only all the pages of the original tender file will be signed, and the copies from this original file will be taken, and all the pages of these copies will not be signed in indelible ink. Please confirm.	<i>Bidder's understanding is correct.</i>
S-06	1	Sec. 1-3,5	BDS 5 Page 30/65	ITB 20.2	If the Bidder is an intended or an existing Joint Venture, the power of attorney should be signed by all partners and specify the authority of the named representative of the Joint Venture to sign on behalf of, and legally bind the intended or existing Joint Venture. If the Joint Venture has not yet been formed, also include evidence from all proposed Joint Venture partners of their intent to enter into a Joint Venture in the event of a contract award in accordance with ITB 11.2.	Since this is an international bid which allows the bidders who may be from different countries, it is not possible to have one joint Power of Attorney (which must be officially notarized by legal institutes) in one PoA document. Therefore we kindly request you to accept separate PoA's from every single joint venture partner separately authorizing the same person to sign the tender. If the above our query is not acceptable, we kindly request you to accept an authorization letter, which will be signed by all the JV partners without notarization.	<i>It is acceptable.</i>
S-06	-	Section 6 – IC Technical Specification TS 700 – Electrical Works	140	715.2.1.1	Specifications are not provided but require for the smooth operation of the system. It should be integrated to Building Management System (BMS) and Point-of-Sales (POS)	Please give more information about "Point-of-Sales (POS)" integration.	<i>POS scope is by others. The Bidder to consider integration the details of which is to be developed by the specialist.</i>
S-06	1A	1.3 CP S-04 Vol.1A Sec.4A BOQ		715	CCTV Camera	Specification on Section 715 CCTV - it is indicated the camera resolution is 470 TVL system while the BOQ indicates an IP camera. Please provide clarifications	<i>CCTV is IP-based. Refer to TS 700 section 715 Security system for the technical specification of the entire CCTV system.</i>
S-06	2	Part II Section 6 I Specifications				Does the Employer specify a vendor list?	<i>No. Vendor List is not specified by the Employer.</i>
S-06	2	Part II Section 6 I Specifications				Does the Employer require Project Information Management System such as Aconex or any other similar system?	<i>Yes</i>
S-06	1A	Part I Section 4A BOQ		GS118(14) Demolition of Historical Structures and Building		With reference to Pay Item “GS118(14)” Lump Sum amount is requested for the demolition of historical structures and buildings. Can you please provide the schedule and exact location of buildings to be demolished?	<i>Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to Bidders in Addendum 3</i>
S-06	1A	Part I Section 4A BOQ		GS118(14) Demolition of Historical Structures and Building	Demolition of Historical Structures and Building	With reference to Pay Item “GS118(14)” Lump Sum amount is requested for the demolition of historical structures and buildings. Can you please provide the schedule of buildings to be demolished?	<i>Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to Bidders in Addendum 3</i>

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S-06	1A	Part I Section 4A BOQ		GS133(1) GS133(2) GS133(3)	Trees to be root balled, packaged ready for transport elsewhere to be replanted Trees within PNR Property to cut down, roots grubbed up for disposal off site Trees within 3rd party property to cut down, roots grubbed up for disposal off site	With reference to Pay Item NosGS133(1)GS133(2)GS133(3), Lump Sum amount is requested for tree removal / relocation. Can you please provide the schedule and location of the trees to be cut down or relocated? Can you please provide the relocation points for the trees to be relocated?	<i>Tree survey information will be provided in Addendum 4</i>
S-06	1	Part I, Section 1	ITB 5 & 6	4.3	A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply: (e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid;	It is the bidder's understanding that sub-clause 4.3-e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer. This sub-clause will not be binding for the bidder, either as a bidder or a subcontractor, while bidding in the other packages which also can be a combination of the multiple packages. Scenario-1; 1. Bidder A and Bidder B will form a Joint Venture (JV) in the bidding process for CP S-04, 2. Bidder B will be participating in the CP S-05 and CP S-06 as a subcontractor for the JV formed by Bidder C & Bidder D, 3. Bidder B will be participating in the CP S-01 and CP S-02 as a subcontractor for the JV formed by Bidder E & Bidder F. Taking the Scenario-1 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B, C, D, E and F).	<i>The conflict of interest as stated in ITB 4.3 refers to the bidding process a single package. As specified in ITB 4.3 (e) "...this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid." Specialist Subcontractor (as defined in ITB 34.2) can support more than one Bidder/JV, there is no limit.</i>

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S-06	1	Part I, Section 1	ITB 5 & 6	4.3	<p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply:</p> <p>(d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to material information about or improperly influence the bid of another Bidder, or influence the decisions of the Employer regarding this bidding process;</p> <p>(e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a</p>	<p>It is the bidder's understanding that sub-clause 4.3-d&e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer.</p> <p>This sub-clause will not be binding for the bidder, either as a bidder or a sub-contractor, while bidding in the other packages which also can be a combination of the multiple packages.</p> <p>Scenario-2;</p> <ol style="list-style-type: none"> 1. Bidder A and Bidder B will form a JV in the bidding process for CP S-04, 2. Bidder B will be participating in the CP S-05 and CP S-06 as a subcontractor for the JV formed by Bidder C & Bidder D, 3. Bidder/Firm G, which is sister company (same owner) of Bidder B, will be participating in the CP S-01 and CP S-02 as a subcontractor for the JV formed by Bidder E & Bidder F. <p>Taking the Scenario-2 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B, C, D, E, F & G).</p>	<p><i>The conflict of interest as stated in ITB 4.3 refers to the bidding process a single package. As specified in ITB 4.3 (e) "...this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid."</i></p> <p><i>Specialist Subcontractor (as defined in ITB 34.2) can support more than one Bidder/JV, there is no limit.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	1	Part I, Section 1	ITB 5 & 6	4.3	<p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply:</p> <p>(e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid;</p>	<p>It is the bidder's understanding that sub-clause 4.3-e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer.</p> <p>This sub-clause will not be binding for the bidder, either as a bidder or a sub-contractor, while bidding in the other packages which also can be a combination of the multiple packages.</p> <p>Scenario-3;</p> <ol style="list-style-type: none"> Bidder A and Bidder B will form a JV in the bidding process for CP S-04, Bidder B and Bidder C will form a Joint Venture (JV) in the bidding process for CP S-05 and CP S-06. <p>Taking the Scenario-3 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B & C).</p>	<p><i>The conflict of interest as stated in ITB 4.3 refers to the bidding process a single package. The quoted scenario of bidding is not classified as conflict of interest under ITB 4.3.</i></p>

CP S04-07 Responses to Clarification Requests (Batch 6)

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S-06	1	Part I, Section 1	ITB 5 & 6	4.3	<p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply:</p> <p>(e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid;</p>	<p>It is the bidder's understanding that sub-clause 4.3-e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer.</p> <p>This sub-clause will not be binding for the bidder, either as a bidder or a subcontractor, while bidding in the other packages which also can be a combination of the multiple packages.</p> <p>Scenario-4;</p> <ol style="list-style-type: none"> Bidder A and Bidder B will form a JV in the bidding process for CP S-04, Bidder B will be participating in the CP S-04 as a subcontractor for the JV formed by Bidder C & Bidder D. <p>Taking the Scenario-4 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B, C & D).</p>	<p><i>Bidder is reminded to pay attention to 4.3 (d) that states that a Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to material information about or improperly influence the bid of another Bidder, or influence the decisions of the Employer regarding this bidding process.</i></p>

CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	3	CP S04-07 Responses to Clarification Requests (Batch 2) & Volume 3 Section 8	(Pdf No. 13 out of 47) PCC 10	Part B (sub-clause 1.1.6.12)	Bidder is advised as follows; Clarification for Section 8 PCC page PCC-10 Part B -Specific Provision: The Works design is Detailed Design and the Bills of Quantities have been 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 designs as instructed. This will not require wholesale remeasurement.	<p>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.</p> <p>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. However, this contradicts with Ø the explanations provided in the CP S04-07 Responses to Clarification Requests (Batch 2) "The Works design is Detailed Design and the Bills of Quantities have been measured to reflect the Detailed Design. This means that with limited exclusions there will be no reason to remeasure the Works. Ad measurement is the measurement of change from the Detailed Design to the revised designs as instructed. This will not require wholesale remeasurement."</p> <p>And; Ø Specific Provision provided in Section 8 PCC page PCC-10 Part B (sub-clause 1.1.6.12).</p> <p>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.</p>	<i>Ad measurement is the measurement of change (plus or minus) and excludes total remeasurement. The design status is "Detailed Design" so theoretically there should be no reason to the whole project. The Bidder should satisfy itself that the quantities supplied reflect the entirety of the proposed works before bidding and advise of any discrepancies.</i>
S-06	1	Section 4	BF 12	Bid Security Bank Guarantee	This guarantee will expire (a) if the Bidder is the successful Bidder, upon our receipt of copies of the Contract Agreement signed by the Bidder and the Performance Security issued to you upon the instruction of the Bidder; or (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.	<p>Unless the exact expiration date provided to the bank, the bid security validity is considered as an indefinite duration by the Bidder's bank. Please kindly confirm that if the Bidder's bank can note the exact date, 28 days after the expiration of the Bidder's bid, in brackets as per the tender submission date. (Bid Security Validity = Tender Submission Date+210 days +28 days)</p> <p>“(ii) 28 days after the expiration of the Bidder's bid (16 November 2021)*”</p> <p>*Subject to change as per the tender submission date.</p>	<i>The Bidder's computation of the expiry date of bid security is correct. But the Bidder is requested to use the template as provided under Section 4 Bidding Forms.</i>
S-05	3	Section 8 Particular Conditions of Contract	-	6.1	The Contractor shall take pro-active measures to encourage employment of women and PWDs with the aim to achieve at least 20% women and 5% PWDs in skilled and unskilled positions in all stages of construction.	Please clarify if the % applies for each "skilled" and "unskilled" group separately, or % applies across both groups.	<i>The same parameters apply to each category</i>

CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	General Specifications	-	118.9;133.2	133.2 Demolition of Structures and/or Obstruction within Right of Way	Please confirm that costs associated to demolition works under GS133.2 "Demolition of Structures and/or Obstruction within Right of Way" shall be included under BoQ items GS118.	<i>Unless otherwise indicated as "Included in other BOQ Item" or "Included in Bill No. 8" or "Provisional Sum" - All Items in the BOQ should be duly priced/costed in order to establish the Bidder's Estimate and Bid.</i>
S-05	3	13.5 Provisional Sums	-	-	Provisional sums (PS)	We note that the Contract allows for Provisional Sums. By way of example, PS-1 deals with charges, fees and works associated with Archeological finds and, PS-3 relocation of unexpected utilities. Please confirm that the Contractor will be entitled to an extension of time in circumstances where the engineer instructs the Contractor to use the PS.	<i>The Contractor will be expected to carry out all works associated with provisional sums within the contract period</i>
S-05	2	General Specifications	-	-	Request for Parcellary Survey	We would like to request for the most updated Parcellary Survey available for this package to further contextualize our understanding of the area we are set to work in.	<i>Parcellary Survey cannot be provided as it contains personal information of registered landowners and confidential to public.</i>
S-06	3	Section 8 Particular Conditions of Contract	-	6.1	The Contractor shall take pro-active measures to encourage employment of women and PWDs with the aim to achieve at least 20% women and 5% PWDs in skilled and unskilled positions in all stages of construction.	Please clarify if the % applies for each "skilled" and "unskilled" group separately, or % applies across both groups.	<i>The same parameters apply to each category</i>
S-06	2	General Specifications	-	118.9;133.2	133.2 Demolition of Structures and/or Obstruction within Right of Way	Please confirm that costs associated to demolition works under GS133.2 "Demolition of Structures and/or Obstruction within Right of Way" shall be included under BoQ items GS118.	<i>Unless otherwise indicated as "Included in other BOQ Item" or "Included in Bill No. 8" or "Provisional Sum" - All Items in the BOQ should be duly priced/costed in order to establish the Bidder's Estimate and Bid.</i>
S-06	3	13.5 Provisional Sums	-	-	Provisional sums (PS)	We note that the Contract allows for Provisional Sums. By way of example, PS-1 deals with charges, fees and works associated with Archeological finds and, PS-3 relocation of unexpected utilities. Please confirm that the Contractor will be entitled to an extension of time in circumstances where the engineer instructs the Contractor to use the PS.	<i>The Contractor will be expected to carry out all works associated with provisional sums within the contract period</i>
S-06	2	General Specifications	-	-	Request for Parcellary Survey	We would like to request for the most updated Parcellary Survey available for this package to further contextualize our understanding of the area we are set to work in.	<i>Parcellary Survey cannot be provided as it contains personal information of registered landowners and confidential to public.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	-	Section 3 - 2.3.1 Historical Financial Performance	-	-	Submission of audited financial statements or, if not required by the law of the Bidder's country, other financial statements acceptable to the Employer, for the last five (5) years to demonstrate the current soundness of the Bidder's financial position. As a minimum, the Bidder's net worth for the last year calculated as the difference between total assets and total liabilities should be positive.	Since the bid submission will be in March, and our company's audited financial statement of year 2020 will be released on May, is there possible to use the audit report from 2014 to 2019 to fill the Form FIN-1 to Form FIN-4?	<i>It is acceptable should the AFS of year 2020 is not yet released in time for the Bid Submission.</i>
S-07	-	Section 2 - ITB 38.2	-	-	The qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, shall be permitted. The Bidder shall fill out the Affiliate Company Guarantee Form included in Section 4 (Bidding Forms) for each subsidiary, parent entity, affiliate, etc. that the Bidder submits for consideration of the Employer in determining its qualification.	Since our company is the parent company, do we still need to provide the Affiliate Company Guarantee?	<i>If the Bidder is using qualifications of their subsidiaries, affiliate companies, etc. for the Bid, the Bidder is required to submit the Affiliate Company Guarantee Form.</i>
S-07	-	Section 4A Bills of Quantities- Bill No.8 Schedule of Provisional Sum	-	-	Total for Provisional Sum (carried forward to Summary of Total Bid Price) LocalCurrency (PHP): 22,000,000; ForeignCurrency (USD): 900,000.	Does it include the Contractor's 15% management fee? Or is it calculated separately by the Contractor?	<i>Please refer to Section 4A, Bill of Quantities-Bill No.8 Schedule of Provisional Sum, Paragraph 3 or No.3</i>
S-07	-	Section 8 Particular Conditions of Contract- 13.5(b)(ii)	-	-	Provisional Sums: Fifteen percent (15%)	Is there any conflict with the total amount of provisional sums at Section 4A Bills of Quantities-Bill No.8 Schedule of Provisional Sum?	<i>There is no conflict</i>
S-07	-	Section 8 Particular Conditions of Contract - 8.1	-	-	Delete sub-paragraph 8.1 (d)	Could employer do not delete sub-paragraph 8.1 (d)?	<i>The Employer intends to commence the Works as soon as possible. As the duration for securing advance payment security, will take time the Employer has removed subclause 8.1 (d). Payment of the Advance will be made in accordance with GCC clause 14.2</i>
S-05						Please clarify the list attachment to be required for the experienced similar construction? Is it only the certified of completion?	<i>Please refer to EQC 2.4.1 Notes and raise specific query, if any.</i>
S-05						Subject to land area, is the properties belong to the other which is needed extra cost to use?	<i>The Contractor is responsible to acquire land for his temporary use and pay all costs associated</i>


CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response																
S-05						Please confirm, On the construction stage, how is the budget for traffic management? Can contractor get a permit to blockade the traffic flow?	<i>Traffic Management shall be paid under Bill No. 1, GS114 - Traffic Management. (Please refer to the BOQ, Bill No. 1). Prior to the construction implementation - contractor must coordinate with the Local Government Units (LGUs) and other government authorities concerning Traffic management plans, diversions or detours, etc.</i>																
S-05						Please advise the utilities drawing	<i>Bidder shall refer to Site Data 10.3</i>																
S-05	1	Section 3	EQC 27	2.4.2. Construction Experience in Key Activities	May be complied by the Bidder or by Specialist Subcontractor. If Specialist Subcontractors are proposed by the Bidder for key activities, each Specialist Subcontract must have experience in related key activity as a single entity.	Please confirm, Is it allowed one specialist subcontractor support more than 1 bidder?	<i>Please note that there is no particular requirement on the number of contract that a specialist subcontractor can support</i>																
S-05	1	Section 3	EQC 24	2.4.2. Construction Experience in Key Activities	Viaduct works for Railway or Road (Expressway or Motorway) more than 4 km using precast segmental span by span techniques. Relevant works will also include bored or precast piling and construction of reinforced concrete pile caps and piers.	If the bidder uses a subcontractor specialist as key activities, is it permissible to attach the work experience of the subcontractor specialist for "segmental span by span techniques" work only, and "bored or precast piling and reinforced concrete pile cap and pier" by the bidder. Is it acceptable? Or, Does using the experience of specialist subcontractors have to contract as a whole from "segmental span by span techniques and with bored or precast piling and reinforced concrete pile caps and pier"?	<i>2.4.2. Construction Experience in Key Activities revised as follows: Construction of a viaduct for a Railway or Road (Expressway or Motorway) with a length of at least 4 km in a single contract, built using precast segmental span by span techniques. Please refer to revised EQC issued under Addendum 2.</i>																
S-05	2	02_Book 1 (Civil)	8-9	02_Book 1 (Civil)/04_CP S-05_BC02	<u>Construction Sequence</u>	Please clarify the Balance Cantilever technical method stated in the document be changed using any method	<i>Please note that construction sequence in the Drawings is for Contractor's reference only. It is Contractor's responsibility to propose appropriate construction method subject to Engineer's approval.</i>																
S-05	2	02_Book 1 (Civil)	40-45	02_Book 1 (Civil)/03_CP S-05_VIA05	<table border="1"> <thead> <tr> <th>PIER NO.</th> <th>KILOMETERAGE</th> <th>EASTING (M)</th> <th>NORTHING (M)</th> </tr> </thead> <tbody> <tr> <td>P-970</td> <td>45+394.663</td> <td>512922.952</td> <td>1580684.402</td> </tr> <tr> <td>P-971</td> <td>45+434.663</td> <td>512936.951</td> <td>1580647.241</td> </tr> <tr> <td>P-972</td> <td>45+474.663</td> <td>512951.750</td> <td>1580610.079</td> </tr> </tbody> </table>	PIER NO.	KILOMETERAGE	EASTING (M)	NORTHING (M)	P-970	45+394.663	512922.952	1580684.402	P-971	45+434.663	512936.951	1580647.241	P-972	45+474.663	512951.750	1580610.079	Please provide for the coordinate Easting and Northing convert to code GPS (WGS84) (UTM) Hemisphere North Zone 51	<i>The conversion of the code is Bidder's responsibility.</i>
PIER NO.	KILOMETERAGE	EASTING (M)	NORTHING (M)																				
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S-05						Please specify if there any utilities along and/around project location, such as Electrical Cables, Gas Pipes, etc. Please provide existing utility map of the project location.	<i>Please refer to Site Data</i>																
S-05						Please specify the location and distance/radius for expected stockyard location. Please confirm if this location shall be solely available for the Contractor.	<i>Expected stockyard is reference only. Bidder shall be required to do own arrangement.</i>																

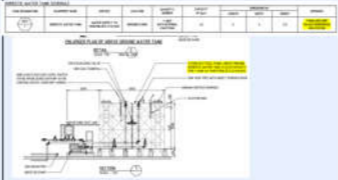
CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05						Please specify the location and distance/radius for expected disposal area for excavation work	<i>Disposal area is reference only. Bidder shall be required to do own arrangement.</i>
S-05						Please specify the location of material quarry	<i>This is Bidder's responsibility.</i>
S-05	1		BF31-BF37	1.2 CP S-05 Vol.1 Sec.4 20201027	Programing Proposal	Please clarify for the programing proposal do we have to use specific software like primavera 6? Or we can use any software like microsoft project	<i>Please refer to GS 110. For information, Overall the projects will be managed using Primavera P6. The Bidder should include for appropriate software and the expertise to use them.</i>
S-05	1	Sec No 4	BF56		Note: \$ equivalent based on the foreign exchange rate as of the same date and currency of the contract.	If the first contract was signed in 2015 and there is an addendum / amendment in 2016. Then what year will the exchange rate be used? Is it 2015 (first contract) or 2016 (amendment / addendum)?	<i>For any changes made in the proposed Contract, please indicate in the Bidding Form and provide evidence or justification for Employer's consideration.</i>
S-06						Please clarify the list attachment to be required for the experienced similar construction? Is it only the certified of completion?	<i>Please refer to EQC 2.4.1 Notes and raise specific query, if any.</i>
S-06						Subject to land area, is the properties belong to the other which is needed extra cost to use?	<i>Please refer to TS100</i>
S-06						Please confirm, On the construction stage, how is the budget for traffice managemet? Can contractor get a permit to blockade the traffic flow?	<i>Traffic Management shall be paid under Bill No. 1, GS114 - Traffic Management.(Please refer to the BOQ, Bill No. 1). Prior to the construction implementation - contractor must coordinate with the Local Government Units (LGUs) and other government authorities concerning Traffic management plans, diversions or detours, etc.</i>
S-06						Please advise the utilities drawing	<i>Please refer to the site data</i>
S-06	1	Section 3	EQC 27	2.4.2. Construction Experience in Key Activities	May be complied by the Bidder or by Specialist Subcontractor. If Specialist Subcontractors are proposed by the Bidder for key activities, each Specialist Subcontract must have experience in related key activity as a single entity.	Please confirm, Is it allowed one specialist subcontractor support more than 1 bidder?	<i>Please note that there is no particular requirement on the number of contract that a specialist subcontractor can support</i>
S-06	2	02_Book 1 (Civil)	7-9	02_Book 1 (Civil)/ 04_CP S-06_BR215	<u>Construction Sequence</u>	Please clarify the Arch Bridge technical method stated in the document can be changed using any method	<i>Please note that construction sequence in the Drawings is for Contractor's reference only. It is Contractor's responsibility to propose appropriate construction method subject to Engineer's approval.</i>

CP S04-07 Responses to Clarification Requests (Batch 6)

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S-06	2	02_Book 1 (Civil)	10-11	02_Book 1 (Civil)/ 05_CP S-06_BC07	Construction Sequence	Please clarify the Balance Cantilever technical method stated in the document be changed using any method	<i>Please note that construction sequence in the Drawings is for Contractor's reference only. It is Contractor's responsibility to propose appropriate construction method subject to Engineer's approval.</i>																
S-06	2	02_Book 1 (Civil)	39-43	02_Book 1 (Civil)/ 03_CP S-06_VIA06	<table border="1"> <thead> <tr> <th>PIER NO.</th> <th>KILOMETERAGE</th> <th>EASTING (M)</th> <th>NORTHING (M)</th> </tr> </thead> <tbody> <tr> <td>P-1044</td> <td>48+226.995</td> <td>513951.058</td> <td>1578044.239</td> </tr> <tr> <td>P-1044N</td> <td>48+227.004</td> <td>513965.815</td> <td>1578052.149</td> </tr> <tr> <td>P-1044S</td> <td>48+226.986</td> <td>513936.297</td> <td>1578040.329</td> </tr> </tbody> </table>	PIER NO.	KILOMETERAGE	EASTING (M)	NORTHING (M)	P-1044	48+226.995	513951.058	1578044.239	P-1044N	48+227.004	513965.815	1578052.149	P-1044S	48+226.986	513936.297	1578040.329	Please provide for the coordinate Easting and Northing convert to code GPS (WGS84) (UTM) Hemisphere North Zone 51	<i>The conversion of the code is Bidder's responsibility.</i>
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S-06						Please specify the location and distance/radius for expected stockyard location. Please confirm if this location shall be solely available for the Contractor.	<i>Expected stockyard is reference only. Bidder shall be required to do own arrangement.</i>																
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S-06	1		BF 32-BF 38	1.2 CP S-06 Vol.1 Sec.4 20201027	Programing Proposal	Please clarify for the programing proposal do we have to use specific software like primavera 6? Or we can use any software like microsoft project	<i>Please refer to GS 110. For information, Overall the projects will be managed using Primavera P6. The Bidder should include for appropriate software and the expertise to use them.</i>																
S-04	2	Drawings			NSRP-DWG-VIA04-DR-4030	Please clarify which item number/s in the BOQ relate/s to the 'At-Grade Mainline Drainage at Km. 32 + 240' and other similar occurrences in the drawings	<i>At-grade Mainline Drainage km 32+240 are included in items Part A and Part B of Bill No. 5 CP S-07.</i>																
S-04				BMS / FACP Interface to SCADA, PID & Cock System		1.) Please confirm whose scope of work the Interface software (High Level Interface) will interface with BMS/FACP. 2.) It is an individual interface software per system or using one software only from the Powertrain.	<i>BMS detailed design is part of specialist work scope. For high level interfacing points list, coordination with different disciplines should be done.</i>																
S-04				NSRP-DWG-VIA00- ST-1551 to 1552	Impedance Bond	Please confirm if the Impedance Bond is part of Contractor's Scope.	<i>Impedance bond is not part of Contractor's Scope.</i>																
S-04				Elastomeric Bearing Pad	NSRP-DWG-VIA00-ST-0781; NSRP-DWG-VIA06-ST-0101 to - 0106; NSRP-DWG-VIA05-ST-0101 to - 0106; NSRP-DWG-VIA04-ST-0101 to - 0106;	E. Bearing Type 1 & 2 as shown on dwg no. NSRP-DWG-VIA06-ST-0101 to 106 (same also with CP S-04 and CP S-05) is conflict as compared w/ dwg no. NSRP-DWG-VIA00-ST-0781 which shows Type 3(Specs). The are no detail specified for Type 1 and 2. Please clarify & confirm what type of bearing pads are to be considered.	<i>Type 3 in the drawing shall be revised to Type 1 and Type 2. In the pier schedule, Type 1 applies to 10.3m wide precast segmental box girder. Type 2 applies to 6.3m and 5.1m wide precast segmental box girder. NSRP-DWG-VIA00-ST-0781 will be revised and issued as rev. 21.2</i>																

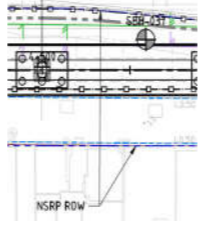




CP S04-07 Responses to Clarification Requests (Batch 6)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	2	Section 6 Employer's Requirements Scope of Works		Grounding System of Viaducts		Please provide drawings of Grounding System for Viaducts CP S-04, CP S-05 and CP S-06.	<i>E&M to design grounding system for viaducts. Installation works to be done by civil works.</i>
S-04	2		n/a	n/a	Leakage Gutter Support	Kindly reflect on plan the location of Leakage Gutter Support (W12x40) for Alabang & Muntinlupa Station	<i>For Leakage Gutter Details, please refer to Detail B and E Sheet no. NSRP-DWG-STA-AR-3556 rev. 21</i>
S-04	2		n/a	n/a	Canopies	Kindly show provide plan showing the locations of the canopies for Alabang & Muntinlupa Station	<i>Canopies will be shown on layout, sheets to be updated to revision 21.2 NSRP-DWG-ALAAAR-3101 rev 21.2 NSRP-DWG-MUN-AR-3101 rev. 21.2</i>
S-04	2		NSRP-DWG-ALA-ST-4531 NSRP-DWG-MUN-ST-4531	n/a	Canopy Purlins	Kindly advise us regarding the thickness of SHS 75x75mm for Canopy Purlins for Alabang & Muntinlupa Stations	<i>Please use 75x75x3.0mm Canopy Purlins. Sheets will be revised and issued in Addendum 2 NSRP-DWG-ALA-ST-4531 rev21.2 and NSRP-DWG-MUN-ST-4531 rev21.2</i>
S-04	2		NSRP-DWG-ALA-ST-4534 NSRP-DWG-MUN-ST-4534	n/a	Tension Supports	Kindly advise us regarding the material description of tension supports @ Canopies for Alabang & Muntinlupa Stations	<i>Please use Ø75mm GI Pipe Schedule 40 for the tension support. Sheets will be revised to rev.21.2 NSRP-DWG-ALA-ST-4534 rev21.2 and NSRP-DWG-MUN-ST-4534 rev21.2</i>
S-04	2			611 .1.4.2	Warranty for Air Cooled Split Type ACU	Please confirm Warranty Period per Tech Specification is 5 Years from Substantial Completion. Standard Manufacturers Warranty is 1 year only.	<i>To follow warranty period of 5 years as per Technical Specifications.</i>
S-04	2				Fire Protection Ancillaries	Please clarify if may modify the BOQ to include piping ancillaries such as valves, flexible connectors, pressure gauges, etc. as they are not included in the current BOQ. Please clarify how we are allowed to include these Items as Sundries.	<i>Please include the cost of the valves and ancillaries required to operate the Fire Water Tanks and Pumps. Please refer to the TS 600 Annex A 630.1.1.</i>
S-04	2				Fire Protection Piping (Branch Line)	Please clarify size of branch line for fire protection works. It is not indicated in given drawings	<i>Please refer to riser nipple schedule for drawing NSRP-DWG-MUN-FS-6608 rev 21.1, NSRP-DWG-MUN-FS-6611 rev. 21.1, NSRP-DWG-ALA-FS-6608 rev 21.1, NSRP-DWG-ALA-FS-6611 rev 21.1</i>
S-04	2		n/a		Domestic Water Tank 	As per schedule, tanks are GRP, but as per plan, tanks are stainless steel. Please Clarify what prevails.	<i>Domestic Water Tank should be GRP.</i>

CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	2		n/a		Tapping Point from Water Service Provider 	We would like to request plan for the tapping point location for the waterline from water service provider. See reference NSRP-DWG- ALA-PL5828.	<i>The tapping point will depend on water service provider.</i>
S-04	2				Drainage System	Please confirm if the Drainage System Drawings correspond to the 250 mm Storm Drainage Piping in Bill 4. There is no similar Item in Bill 6	<i>Confirm, Drainage System Drawings corresponds to the 250mmØ Storm Drainage Piping in Bill 4 and there is no 250mmØ Storm Drainage Piping since it was not reflected on the Drainage System Drawings of Bill 6</i>
S-04				Expansion Joints Viaduct/Pier	Specs/detail: NSRP-DWG-STA-AR-3551 	Seeking assistance to determine what type of Expansion Joint to be used and should be identified in the BOQ. Drawing details shows 102mm Floor Expansion Joints and Joint Cover Assemblies between the Station Building and Viaducts / Piers while in BOQ its 200mm which is supposed to be for exp.joints at stations with floor finish. See drawing for reference:	<i>The correct expansion joint for Station is 200mm extruded aluminum type, using drawing reference of floor-to-wall (viaduct). Please refer to TS 507; Sheet to be updated NSRP-DWG-STA-AR-3551 rev. 21.2</i>
S-04					DED Typical Details 	Under DED typical details, there are missing reinforcement details: A. Pier/Columns: 1. There is no reinforcement details for Pier Type 14 2. There is no reinforcement details for ABUT 6.3	<ol style="list-style-type: none"> <i>1. Reinforcement details for P6-Pier Type 14 is in the drawing NSRP-DWG-VIA00-ST-0654 Rev 21.2</i> <i>2. For abutment concrete and rebar details of MT04-Abut, please refer to NSRP-DWG-CIS70-ST-0101 Rev 21, NSRP-DWG-CIS70-ST-0102 Rev 21, NSRP-DWG-CIS70-ST-0103 Rev 21.</i>
S-04					DED Typical Details 	Under DED typical details, there are missing reinforcement details: B. Bored Pile: 1. There is no Reinforcement Detail for Type P6-613 2. There is no Reinforcement Detail for Type P8 3. There is no Reinforcement Detail for ABUT 6.3	<ol style="list-style-type: none"> <i>Item 1 & 2. The reinforcement type for Pier Type P6 and Pier Type P8 as shown in the pier schedule shall be referenced to the Table 1 of sheets NSRP-DWG-VIA00-ST-0321 and NSRP-DWG-VIA00-ST-0322. NSRP-DWG-VIA00-ST-0321 and NSRP-DWG-VIA00-ST-0322 will be revised to rev. 21.2</i> <i>Item 3. Abutment 6.3 pile details will be added as sheet NSRP-DWG-CIS70-ST-0104 rev.21.2</i>

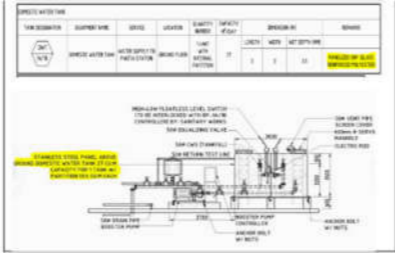
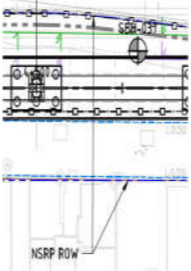
CP S04-07 Responses to Clarification Requests (Batch 6)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	2,1	6-III Supplementary Information GS No. 133, Pay Item No. GS133	30-32	Trees Enabling Works		The table provided under this section is limited to quantities of trees for each package. Please provide breakdown such that the qty can be apportion to the three (3) items under “Enabling Works” of the BOQ. In addition, please provide sizes (dia) of the trees for proper pricing.	<i>Please refer to Volume 2, Section 6 – IA, Scope of Works, Appendix 1: Trees</i>
S-04	2,1	6-III Supplementary Information GS No. 133, Pay Item No. GS133	30-32	Trees Enabling Works		For avoidance of doubt, please confirm our understanding that the land for acquisition and clearing refers to the area bounded by the blue line labeled with “NSRP ROW” as shown in the sample snippet below. Further, please confirm the same area and boundaries will be handed over to contractor for construction use.	<i>Yes, Bidder's understanding is correct. Please be informed that PNR is operating within ROW.</i>
S-04				Vibration Sensitivity	 	During the Walk Thru inspection done by our team we noticed that there are existing operating factories (PEZA) that are adjacent to the ROW Line. The Particular Factory is AMKOR Phils. Which is a Semiconductor Plant. Please confirm if there were considerations made to include sensitivity to vibrations of certain plants due to construction activities such as bored piling and sheet piling works, and if there are what is the allowable vibrations recommended. Below Photo of the location. STA 25+00 to STA 26+300	<i>Please refer to GS 109.</i>
S-04	2			Drainage System	 	It was also noticed during the walk thru that PNR is building up an earth embankment beside the existing tracks areas in package 4, further going south the existing rail track is on top of this built embankment. This was not reflected in the DED Drawings and BOQ. Please clarify if regrading/hauling of earth fill in the area is to be included in the scope of works.	<i>Yes, it is Contractor's scope of works.</i>


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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	2	Part II Requirements	TS200-124	206.18.3.2 Item 2	Design calculations... In addition to the above, computations shall be submitted for approval for the following: 1. ... 2. Computer analysis models... The analysis models shall be carried out using the latest version of MIDAS Civil structural analysis software package. The soft copy data file in mcb format shall be submitted to the Engineer.3) Computations of jacking forces required at joints during temporary post-tensioning.	MIDAS Software was specified as the structural analysis software to be used. Can we use alternative softwares?	<i>Being subject to Engineer's approval, Contractor may propose alternative equivalent software.</i>
S-05	2		n/a	n/a	Leakage Gutter Support	Kindly reflect on plan the location of Leakage Gutter Support (W12x40) for Binan, Pacita, San Pedro, & Sta. Rosa Station	<i>For Leakage Gutter Details, please refer to Detail B and E Sheet no. NSRP-DWG-STA-AR-3556 rev. 21</i>
S-05	2		n/a	n/a	Canopies	Kindly show provide plan showing the locations of the canopies for Binan, Pacita, San Pedro, & Sta. Rosa Station	<i>Canopies will be shown on layout, sheets will be revised and issued in Addendum 2 NSRP-DWG-BIN-AR-3101 rev 21.2 NSRP-DWG-PTA-AR-3101 rev. 21.2 NSRP-DWG-SPO-AR-3101 rev. 21.2 SRO is being re-designed and the information will be provided to the contractor post award</i>
S-05	2		NSRP-DWG-BIN-ST-4531 NSRP-DWG-PTA-ST-4531 NSRP-DWG-SPO-ST-4531 NSRP-DWG-SRO-ST-4531	n/a	Canopy Purlins	Kindly advise us regarding the thickness of SHS 75x75mm for Canopy Purlins for Binan, Pacita, San Pedro, & Sta. Rosa Stations	<i>Please use 75x75x3.0mm Canopy Purlins. The following drawings will be updated to revision 21.2 NSRP-DWG-BIN-ST-4531 rev21.2, NSRP-DWG-PTA-ST-4531 rev21.2, NSRP-DWG-SPO-ST-4531 rev21.2 and NSRP-DWG-SRO-ST-4531 rev21.2</i>
S-05	2		NSRP-DWG-BIN-ST-4534 NSRP-DWG-PTA-ST-4534 NSRP-DWG-SPO-ST-4534 NSRP-DWG-SRO-ST-4534	n/a	Tension Supports	Kindly advise us regarding the material description of tension supports @ Canopies for Binan, Pacita, San Pedro, & Sta. Rosa Stations	<i>Please use Ø75mm GI Pipe Schedule 40 for the tension support. Sheets will be revised to revision 21.2 NSRP-DWG-BIN-ST-4534 rev21.2, NSRP-DWG-PTA-ST-4534 rev21.2, NSRP-DWG-SPO-ST-4534 rev21.2 and NSRP-DWG-SRO-ST-4534 rev21.2</i>

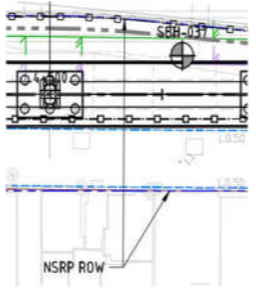
CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2				Fire Protection Piping (Branch Line)	Please clarify size of branch line for fire protection works. It is not indicated in given drawings	<i>Please refer to riser nipple schedule for drawing NSRP-DWG-BIN-FS-6608 rev 21.1, NSRP-DWG-BIN-FS-6611 rev 21.1, NSRP-DWG-PTA-FS-6608 rev 21.1, NSRP-DWG-PTA-FS-6611, NSRP-DWG-SPO-FS-6608 rev 21.1, NSRP-DWG-SPO-FS-6611 rev 21.1</i>
S-05	2				Stainless Steel Pipes (Drainage System)	In BOQ, Rain water Pipes are Stainless Steel, but in specifications they are PVC. Please Clarify what will govern	<i>For weather exposed rainwater pipes use heavy duty stainless steel pipe gauge 24 type 316 or approved equal. For concealed rainwater pipes use polyvinyl chloride (PVC) series 1000 or approved equal.</i>
S-05	2				Drainage System	Please confirm if the Drainage System Drawings correspond to the 250 mm Storm Drainage Piping in Bill 4. There is no similar Item in Bill 6	<i>Confirm, Drainage System Drawings corresponds to the 250mmØ Storm Drainage Piping in Bill 4 and there is no 250mmØ Storm Drainage Piping since it was not reflected on the Drainage System Drawings of Bill 6</i>
S-05	2		n/a		Domestic Tanks 	As per schedule, tanks are GRP, but as per plan, tanks are stainless steel. Please Clarify what prevails.	<i>Domestic Water Tank should be GRP.</i>
S-05	2,1	6-III Supplementary Information GS No. 133, Pay Item No. GS133	30-32	Trees Enabling Works		The table provided under this section is limited to quantities of trees for each package. Please provide breakdown such that the qty can be apportion to the three (3) items under “Enabling Works” of the BOQ. In addition, please provide sizes (dia) of the trees for proper pricing.	<i>Please see below breakdown of GS133 Enabling Works.</i>
S-05	2,1	6-III Supplementary Information GS No. 133, Pay Item No. GS133	30-32	Trees Enabling Works		For avoidance of doubt, please confirm our understanding that the land for acquisition and clearing refers to the area bounded by the blue line labeled with “NSRP ROW” as shown in the sample snippet below. Further, please confirm the same area and boundaries will be handed over to contractor for construction use.	<i>Yes, Bidder's understanding is correct. Please be informed that PNR is operating within ROW.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	Part II Requirements	TS200-124	206.18.3.2 Item 2	Design calculations... In addition to the above, computations shall be submitted for approval for the following: 1. ... 2. Computer analysis models... The analysis models shall be carried out using the latest version of MIDAS Civil structural analysis software package. The soft copy data file in mcb format shall be submitted to the Engineer.3) Computations of jacking forces required at joints during temporary post-tensioning.	MIDAS Software was specified as the structural analysis software to be used. Can we use alternative softwares?	<i>Being subject to Engineer's approval, Contractor may propose alternative equivalent software.</i>
S-06	2		n/a	n/a	Leakage Gutter Support	Kindly reflect on plan the location of Leakage Gutter Support (W12x40) for Banlic, Cabuyao, & Calamba Station	<i>For Leakage Gutter Details, please refer to Detail B and E Sheet no. NSRP-DWG-STA-AR-3556 rev. 21</i>
S-06	2		n/a	n/a	Canopies	Kindly show provide plan showing the locations of the canopies for Banlic, Cabuyao, & Calamba Station	<i>Canopies will be shown on layout, sheets will be updated to rev.21.2 NSRP-DWG-BAN-AR-3101 rev 21.2 NSRP-DWG-CAB-AR-3101 rev. 21.2 NSRP-DWG-CAL-AR-3101 rev. 21.2</i>
S-06	2		NSRP-DWG-BAN-ST-4531 NSRP-DWG-CAB-ST-4531 NSRP-DWG-CAL-ST-4531	n/a	Canopy Purlins	Kindly advise us regarding the thickness of SHS 75x75mm for Canopy Purlins for Banlic, Cabuyao, & Calamba Stations	<i>Please use 75x75x3.0mm Canopy Purlins. Sheets will be revised as rev.21.2 NSRP-DWG-BAN-ST-4531 rev21.2, NSRP-DWG-CAB-ST-4531 rev21.2 and NSRP-DWG-CAL-ST-4531 rev21.2</i>
S-06	2		NSRP-DWG-BAN-ST-4534 NSRP-DWG-CAB-ST-4534 NSRP-DWG-CAL-ST-4534	n/a	Tension Supports	Kindly advise us regarding the material description of tension supports @ Canopies for Banlic, Cabuyao, & Calamba Stations	<i>Please use Ø75mm GI Pipe Schedule 40 for the tension support. Sheets will be revised as rev.21.2 NSRP-DWG-BAN-ST-4534 rev21.2, NSRP-DWG-CAB-ST-4534 rev21.2 and NSRP-DWG-CAL-ST-4534 rev21.2</i>
S-06	2		n/a		Domestic Tanks 	As per schedule, tanks are GRP, but as per plan, tanks are stainless steel. Please Clarify what prevails.	<i>Domestic Water Tank should be GRP.</i>
S-06	2				Stainless Steel Pipes	In BOQ, Rain water Pipes are Stainless Steel, but in specifications they are PVC. Please clarify what will govern	<i>For weather exposed rainwater pipes use heavy duty stainless steel pipe gauge 24 type 316 or approved equal. For concealed rainwater pipes use polyvinyl chloride (PVC) series 1000 or approved equal.</i>
S-06	2				Storm Drainage Works, Downspouts	Please verify the location of DS 41 – 44 an DS 45 – 48 at the Ground floor See reference Drawing No. NSRP-DWG-BAN-SN-6108	<i>NSRP-DWG-BAN-SN-6104 will be revised and issued as rev 21.2</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2				Drainage System	Please confirm if the Drainage System Drawings correspond to the 250 mm Storm Drainage Piping in Bill 4. There is no similar Item in Bill 6	<i>Confirm, Drainage System Drawings corresponds to the 250mmØ Storm Drainage Piping in Bill 4 and there is no 250mmØ Storm Drainage Piping since it was not reflected on the Drainage System Drawings of Bill 6</i>
S-06	2,1	6-III Supplementary Information GS No. 133, Pay Item No. GS133	30-32	Trees Enabling Works		The table provided under this section is limited to quantities of trees for each package. Please provide breakdown such that the qty can be apportion to the three (3) items under "Enabling Works" of the BOQ. In addition, please provide sizes (dia) of the trees for proper pricing.	<i>The tree survey information will be issued in Addendum 4</i>
S-06	2,1	6-III Supplementary Information GS No. 133, Pay Item No. GS133	30-32	Trees Enabling Works		For avoidance of doubt, please confirm our understanding that the land for acquisition and clearing refers to the area bounded by the blue line labeled with "NSRP ROW" as shown in the sample snippet below. Further, please confirm the same area and boundaries will be handed over to contractor for construction use.	<i>Yes, Bidder's understanding is correct. Please be informed that PNR is operating within ROW.</i>
S-06	2	Part II Requirements	TS200-124	206.18.3.2 Item 2	Design calculations... In addition to the above, computations shall be submitted for approval for the following: 1. ... 2. Computer analysis models... The analysis models shall be carried out using the latest version of MIDAS Civil structural analysis software package. The soft copy data file in mcb format shall be submitted to the Engineer.3)Computations of jacking forces required at joints during temporary post-tensioning.	MIDAS Software was specified as the structural analysis software to be used. Can we use alternative softwares?	<i>Being subject to Engineer's approval, Contractor may propose alternative equivalent software.</i>
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	ARCHITECTU RAL DRAWINGS	-		It is unable to find "Heat Resistant Paint for Metal Roof" on drawing. Please clarify if this item is the part of our scope of work and on which drawing we can find the related item.	<i>It is not heat-resistant paint for roof but Polisocyanurate (PIR) with density of 32-35 kg/cum. Please refer to item (9) Roofing Works and Exterior Finishing of the General Provision of TS-500.</i>

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Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3621		There is size discrepancies of CW1 for OCC Building: W73100mm x H2100+1300mm, Double Paned Awning Type Window , Stainless Steel Mullion Framing on BOQ.528 and drawing AR-3621. Please clarify.	<i>The size of CW1 for OCC is W73100mm x H2100+1900mm, Fixed viewing window curtain wall, stainless steel mullion. See drawing NSRP-DWG-OCC-AR-3621 issued as Rev21.</i>
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3621		There is size discrepancies of CW2 for OCC Building: W73100mm x H2100+800mm, Double Paned Awning Type Window , Stainless Steel Mullion Framing on BOQ.528 and drawing AR-3621. Please clarify.	<i>The size of CW2 for OCC is W73100mm x H2100+1400mm, Fixed viewing window curtain wall, stainless steel mullion. See drawing NSRP-DWG-OCC-AR-3621 issued as Rev21.</i>
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3316~18		Please clarify if support I-BEAM of ALUMINUM COMPOSITE WALL CLADDING quantity is included in item Structural Steel, Furnished, Fabricated and Erected on BOQ.408. If it is not included, please provide its drawing and quantity.	<i>Cost for steel beams and/or column supports (including paint protections for such) for Aluminum Composite Wall Cladding are to be included in the rate (or cost) of the wall cladding pay item. Please refer to SCRP_TS 500_Annex A, Section 522 for the cost inclusions for Aluminum Composite works.</i>
S-07	2	Section 7 SOUTH DEPOT ARCHITECTU RAL DRAWINGS	OCC BUILDING ARCHITECTU RAL DRAWINGS	NSRP-DWG-OCC- AR-3521		Regarding (600 x 600 12mm Thk. Acoustic Ceiling Boards with Foil Backing on Metal Frames with Ceiling Trim / 600 x 600 Stainless Steel Mesh Acoustic Ceiling System, 50thk rockwool insulation is included on detail drawing No. NSRP-DWG-OCC-AR-3521, however excluded on BoQ. Please clarify. There is insulation on HVAC duct. Please clarify if we need additional 50thk rockwool insulation on ceiling.	<i>1.) 50mm thk Rockwool Insulation is already included in DUPA of Pay Item No. D541(3) - 600 x 600 12mm Thk. Acoustic Ceiling Boards with Foil Backing on Metal Frames with Ceiling Trim 2.) Already provided 50thk rockwool insulation on ceiling, see drawing NSRP-DWG-OCC-AR-3521 as Rev21</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-1.1 Toilet Fixtures and Accessories Item no. D619(16) NSRP-DWG-OCC- PL-6621	-	Conflict between the Quantity on BOQ and Drawings for Water Heater. Please confirm which will govern?	<i>Correct quantity of Water Heater is 38 units. Revised BOQ will be issued in Addendum 2</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-1.1 Pump Item no. D615(1)c NSRP-DWG-OCC- SN-7110	-	Conflict between the Quantity on BOQ and Equipment Schedule for Sump Pump. Please confirm which will govern?	<i>Quantity for Sump Pump was already revised. Please refer to the Addendum 2 BOQ</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-1.2 Toilet Fixtures and Accessories Item no. D619(16) NSRP-DWG-LRS-PL- 6621	-	Conflict between the Quantity on BOQ and Equipment Schedule for Water Heater. Please confirm which will govern?	<i>Quantity for Water Heater is 9 units. Please refer to the Addendum 2 BOQ</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS		Bill No. 4-2.4 Fire Extinguisher Clean Agent Type Item no. 630(4)b		Please Specify what type of clean agent.	<i>Fire Extinguisher for Bill 4-2.4 was revised to D630(4)a ABC 4.5kg Dry Chemical Type. Please refer to the Addendum 2 BOQ</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ		Bill No. 4-1.1 black steel pipe Item no. 630(10)a to j		Please confirm if Seamless or ERW.	<i>Black steel pipe shall be Seamless, Schedule 40</i>
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.1 OCC Building	-	Please provide blow-up plans and specific location Stainless Steel Gratings for Dry Area (not reflected on plan).	<i>Stainless steel grating are shown on site development plan, see drawing NSRP-DWG-OCC-AR-3011 Rev21</i>
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.1 OCC Building	-	Please provide blow-up plans and specific location for Stainless Steel Gratings for Crawl Space (not reflected on plan).	<i>Crawl space details shown on drawing NSRP-DWG-OCC-AR-3506 and 3507 Rev21</i>
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 Light Rail Shop	-	Please provide blow-up plans and specific location for Steel Checkered Plate for Trench Pit (not reflected on plan).	<i>Trench pit details found on drawing NSRP-DWG-LRS-AR-3402 Rev21</i>
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 Light Rail Shop	-	Please provide blow-up plans and specific location for Stainless Steel Hand Rail H=300mm on Top of Roof for Hooking Safety Rope (not reflected on plan).	<i>It is provided in roof plan drawings for the location of roof end safety bar; see drawing NSRP-DWG-LRS-3101,3006 Rev21</i>
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 Light Rail Shop	-	Please provide blow-up details for Access Steel Stairs at Grid - 23 - rise over all is 2.1m.	<i>For access steel stairs, see drawing NSRP-DWG-LRS-AR-3503 Rev21</i>
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 Light Rail Shop	-	Please provide blow-up plans and specific location for Stainless Steel Hand Rail H=300mm on Edge of Roof for Falling Prevention (not reflected on plan).	<i>It is provided in roof plan drawings for the location of roof end safety bar. See drawing NSRP-DWG-LRS-3101,3006 Rev21</i>
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.1 Unscheduled Repair Shop	-	Please provide blow-up plans and specific location for Stainless Steel Gratings for Machine Pit (not reflected on plan)	<i>Location for stainless steel grating is already indicated in the drawings. For machine pit, pipe is provided and connected to steel gratings in the perimeter inside the building. NSRP-DWG-URS-AR-3313 will be revised and issued as rev. 21.2</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.2 Unscheduled Repair Shop	-	Please provide blow-up plans and specific location for Cast Iron Abrasive Nosing's (not reflected on plan).	<i>For nosing on URS pit, 25mm angle bar is being provided on steps. NSRP-DWG-URS-AR-3313 will be revised and issued as rev. 21.2</i>
S-07	2	Section 6 Employer's Requirements (ERQ) II. Drawings	-	Bill No. 4-1.1 (NSRP-DWG-OCC- AR-3121 NSRP-DWG-OCC- AR-3122 NSRP-DWG-OCC- AR-3831)	-	Please verify which will govern between the plans below: [Basement-Stair 1 and 2] NSRP-DWG-OCC-AR-3121 & NSRP-DWG-OCC-AR-3122 : Wall type No.7 150mm Thk. CHB Wall with Insulation. NSRP-DWG-OCC-AR-3831 : Wall type No.1 2H 150-200mm Thk. CHB Wall.	<i>For Basement stair 1 & 2 wall type, NSRP-DWG-OCC-AR-3831 will govern; refer to revision 21.</i>
S-07	2	Section 6 Employer's Requirements (ERQ) II. Drawings	-	Bill No. 4-1.1 (NSRP-DWG-OCC- AR-3123 NSRP-DWG-OCC- AR-3831)	-	Please verify which will govern between the plans below: [AFC Room, P-Scada and F-Scada] NSRP-DWG-OCC-AR-3123 : Wall type No.4 300-350mm Thk. CHB Wall(2 - 150mm Thk. CHB Wall with Insulating Dry Lining) and Wall type No.1 2H 150-200mm Thk. CHB Wall. NSRP-DWG-OCC-AR-3831 : Wall type No.2 Drywall (LGS + GB) (2 x 12mm Gypsum Board on Light Metal Frames)	<i>For AFC Room, P-Scada and F-Scada wall type, NSRP-DWG-OCC-AR-3124 will govern; please refer to revision 21</i>
S-07	2	Book 1 (Civil) 03_CP S- 07_Structures	-	NSRP-DWG-DB1-ST- 4114 Splash Pad Detail		Please provide location of Splash Pad.	<i>As per Note 3, Splash Pad to be adopted beneath all inlet pile locations.</i>
S-07	2	Book 1 (Civil) 03_CP S- 07_Structures	-	NSRP-DWG-SDU-ST- 0011 U-Box Structure Concrete Details Sheet 2		Please provide details of Corbel at Underpass Wall.	<i>Spot detail for corbel showing the concrete detail shall be added. NSRP-DWG-SDU-ST-0011 will be revised and issued as rev. 21.2</i>
S-07	2	Book 1 (Civil) 04_CP S- 07_DPSFE	-	NSRP-DWG-DEP- DR-2023 Access Track Drainage Setting Out Points Schedule		Please confirm if Inlet Type for CB-AT-01 to CB-AT-19 is Type F. If yes, please confirm location in BOQ.	<i>Drawing to be revised and issued as rev. 21.2</i>
S-07	2	Book 1 (Civil) 04_CP S- 07_DPSFE	-	NSRP-DWG-DEP- DR-2023 Access Track Drainage Setting Out Points Schedule		Please confirm if Inlet Type for CB-AT-01 to CB-AT-19 is Type F. If yes, please confirm location in BOQ.	<i>Drawing to be revised and issued as rev. 21.2</i>

CP S04-07 Responses to Clarification Requests (Batch 6)

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S-07	2	Book 1 (Civil) 04_CP S-07_DPSFE	-	NSRP-DWG-DEP-DR-2023 Access Track Drainage Setting Out Points Schedule		Please provide Schedule for the following Catch Basin - CB-AT-03-01 - CB-AT-03-02 - CB-AT-04-01 - CB-AT-04-02 - CB-AT-05-01 - CB-AT-05-02 - CB-01-100-01 - CB-01-13-10 - CB-09-01 - CB-09-02 - CB-09-03 - CB-09-04 - CB-09-05 - CB-09-06 - CB-09-07 - CB-02-32 - CB-1	<i>Drawing to be revised and issued as rev. 21.2</i>
S-07	2	Book 1 (Civil) 04_CP S-07_DPSFE	-	NSRP-DWG-DEP-DR-2023 Access Track Drainage Setting Out Points Schedule		Please provide location for the following Catch Basin - CB-AT-NC-01 - CB-AT-NC-02 - CB-AT-EC-01 - CB-AT-EC-02	<i>Drawing to be revised and issued as rev. 21.2</i>
S-07	2	Book 1 (Civil) 04_CP S-07_DPSFE	-	NSRP-DWG-DEP-DR-2652 NIA Earth Canal Realignment		Please provide details and blow up plan of following Manhole - MH-1 - MH-2 - MH-3	<i>Drawing to be revised and issued as rev. 21.2</i>
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 5 Drainage System		Please confirm compressive Strength of Pump System	<i>Compressive Strength of concrete is 40MPa. Refer to CP S-07 Bill 5 Part D under TS 206. Reference drwg NSRP-DWG-SDU-ST-020 and NSRP-DWG-SDU-ST-030.</i>
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 5 Drainage System		Please provide location of the following at Pump System - Manhole/Catch Basin - Drainage Channel	<i>Manhole and Catch basin in Part D-- Underpass and Pump System is located at South Depot Underpass Drainage. Please refer to reference Drawing: NSRP-DWG-DEP-DR-2641 to 2643 Rev No. 21</i>
S-07	2	Book 2 (Architectural) Architectural	-	NSCRP-DWG-OCC-AR-3317 OCC Building		Please provide details of structural frame support of ACP cladding including connection details and kindly confirm where are we going to include this item to BOQ.	<i>1) Cladding structural support drawings are on sheets NSRP-DWG-OCC-ST-4394, 4395 rev.21. 2) The structural support for ACP cladding is included in pay Item D(522)1.</i>
S-07	2	Book 1 (Civil) 03_CP S-07_Roads	-	NSRP-DWG-DEP-RD-1202 Typical Cross Section		Please provide width of the following Roads - Access Track - Road 7	<i>The information will be issued in Addendum 2</i>

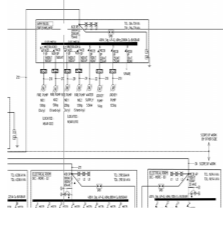
CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	2	Book 1 (Civil) 03_CP S-07_Roads	-	NSRP-DWG-DEP-RD-1406 Road Profile		Please confirm elevation of Existing Ground Level for Road 2 Profile	<i>The table will be issued in Addendum 2</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-1.1 Toilet Fixtures and Accessories Item no. D619(16) NSRP-DWG-OCC-PL-6621	-	Conflict between the Quantity on BOQ and Drawings for Water Heater. Please confirm which will govern?	<i>Correct quantity of Water Heater is 38 units. BOQ will be revised and issued in Addendum 2</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-1.1 Pump Item no. D615(1)c NSRP-DWG-OCC-SN-7110	-	Conflict between the Quantity on BOQ and Equipment Schedule for Sump Pump. Please confirm which will govern?	<i>Quantity for Sump Pump is revised and issued in Addendum 2</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-1.2 Toilet Fixtures and Accessories Item no. D619(16) NSRP-DWG-LRS-PL-6621	-	Conflict between the Quantity on BOQ and Equipment Schedule for Water Heater. Please confirm which will govern?	<i>Quantity for Water Heater is 9 units. BOQ will be revised and issued in Addendum 2</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-1.13 Pipes and pipe Accessories Item no. D615(3)a		Please provide Equipment Schedule, Lay-out Drawings and Pump Detailed drawing.	<i>Please refer to NSRP-DWG-DEP-FS-7622 Rev 21</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-1.17 Depot Bicycle Parking Shed Plumbing Works		Please provide Plans and Details (Plumbing Works).	<i>There is no water supply provision (plumbing works) for Depot Bicycle Parking Shed. For sanitary works, please refer to NSRP-DWG-BPS-SN-7111 rev. 21.1</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-1.18 Depot Motorbike Parking Shed Plumbing Works		Please provide Plans and Details (Plumbing Works).	<i>There is no water supply provision (plumbing works) for Depot Bicycle Parking Shed. For sanitary works, please refer to NSRP-DWG-MPS-SN-7111 rev. 21.1</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-1.1 OCC Building NSRP-DWG-OCC-FS-7700		Please confirm if the NOVEC 1230 fire suppression shall be included in the scope, since it does not reflect on BOQ.	<i>Use NOVEC 1230 automatic fire suppression for Basement, TER, SUR & SER, use CO2 automatic fire suppression system for Electrical & Genset Room Fire Suppression System was already included. Please refer to the latest Addendum 2 BOQ.</i>

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S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-2.13 Jockey Pump Item no. 630(2)a		Please specify the type of Jockey Pump.	<i>Jockey pump shall be submersible jockey pump</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-2.15 Jockey Pump Item no. 630(2)b		Please specify the type of Jockey Pump.	<i>Jockey pump shall be submersible jockey pump</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ Volume 2 Book 2 MPFS	-	Bill No. 4-2.4 Fire Extinguisher Clean Agent Type Item no. 630(4)b		Please Specify what type of clean agent.	<i>Fire Extinguisher for Bill 4-2.4 was revised to D630(4)a ABC 4.5kg Dry Chemical Type. Please refer to the latest Addendum 2 BOQ</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ	-	Bill No. 4-1.1 black steel pipe Item no. 630(10)a to j		Please confirm if Seamless or ERW.	<i>Black steel pipe shall be Seamless, Schedule 40</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ	-	Bill No. 4-1.1 Mechanical Works Item no. D557(1) NSRP-DWG-OCC- AR-3441		Conflict between the speed of Elevator on BOQ 60m/min and Drawings 2.5m/sec. Please confirm which will govern?	<i>Drawings to govern. BOQ will be revised and issued in Addendum 2 as follows: PIN D557(1) --- Elevator for OCC Building (EL-1),1600Kg Capacity (21 Persons), 5 Stops, 150meters/min. (Furnished & Installed)</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, Volume2/02_Bo ok2 (Architectural)/0 3_S07	-		UND - LP1: Lighting Panel	No depot Under Pass Drawing	<i>Refer to NSRP-DWG-DEP-EL-710/7102/7103 rev.21.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Panel OCC-BPP3	Not specified (SLD and load Schedule)	<i>Panel OCC-BPP3 has been deleted. Refer to NSRP-DWG-OCC-EL-5021 rev.21 for SLD and NRP-DWG-OCC-EL-5677 rev.21 for load schedule.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Panel OCC-BPP4	Not specified (SLD and load Schedule)	<i>Panel OCC-BPP3 has been deleted. Refer to NSRP-DWG-OCC-EL-5021 rev.21 for SLD and NRP-DWG-OCC-EL-5677 rev.21 for load schedule.</i>

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S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Panel MDP-Fire Pump	Scope of Work by other side. Please see drawing below.	<i>NRP-DWG-OCC-EL-5022 Rev 21.2 will be issued in Addendum 2. MDP-Fire pump is part of scope of work.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Panel for Signaling Communication Requirements (incl 50kVA UPS)	Not specified (SLD and load Schedule)	<i>Refer to NSRP-DWG-OCC-EL-5021 v21 for SLD. Loads of the 50kVA UPS are by others.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Control Panel for Sump Pump for OCC	Not specified (SLD and load Schedule)	<i>These are package type sump pumps. The Control Panel to be coordinated with the vendor.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Control Panel for EF & SF for OCC	Not specified (SLD and load Schedule)	<i>To be coordinated with the vendor. Remote switch for EF & SF. For reference, see NSRP-DWG-OCC-EL-5035 for typical control circuit schematic.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Enclosed Circuit Breaker, 175AT, 3P, NEMA 4x Enclosure	Specify the circuit and the location	<i>Refer to NSRP-DWG-OCC-EL-5092 rev.21 for the circuit and location.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Enclosed Circuit Breaker, 200AT, 3P, NEMA 4x Enclosure	Specify the circuit and the location	<i>Refer to NSRP-DWG-OCC-EL-5092 rev.21 for the circuit and location.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Enclosed Circuit Breaker, 225AT, 3P, NEMA 4x Enclosure	Specify the circuit and the location	<i>Deleted. Refer to NSRP-DWG-OCC-EL-5092 rev.21 for the update of the location and NSRP-DWG- OCC-EL-5676 rev.21 for the updated rating of ECB.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Enclosed Circuit Breaker, 350AT, 3P, NEMA 4x Enclosure	Specify the circuit and the location	<i>Deleted. Refer to NSRP-DWG-OCC-EL-5092 rev21 for the update of the location and NSRP- DWG-OCC-EL-5676 rev21 for the updated rating of ECB.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Enclosed Circuit Breaker, 400AT, 3P, NEMA 4x Enclosure	Specify the circuit and the location	<i>Deleted. Refer to NSRP-DWG-OCC-EL-5092 rev21 for the update of the location and NSRP- DWG-OCC-EL-5676 rev21 for the updated rating of ECB.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Panel LRS-UPS	Not specified (SLD and load Schedule), LP-UPS and LP-UPS1 are specified in the diagram	<i>Refer to NSRP-DWG-LRS-EL-5021 rev21 for SLD. NRP-DWG-LRS-EL-5677 rev21 for load schedule.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Control Panel for VF & MRV for LRS	Not specified (SLD and load Schedule)	<i>To be coordinated with the vendor. Remote switch for EF & SF. For reference, see NSRP- DWG-LRS-EL-5035 for typical control circuit schematic.</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Control Panel for EF & SF for LRS	Not specified (SLD and load Schedule)	<i>To be coordinated with the vendor. Remote switch for EF & SF. For reference, see NSRP- DWG-LRS-EL-5035 for typical control circuit schematic.</i>

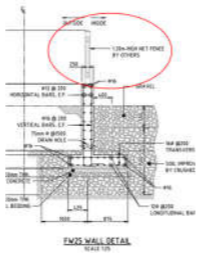
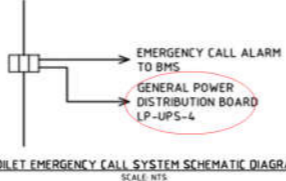
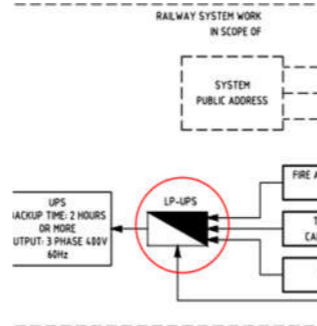
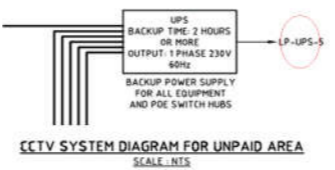
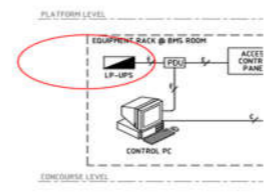
CP S04-07 Responses to Clarification Requests (Batch 6)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07		1.3 CP S-07 Vol.1A Sec.4A BOQ 201001, SO7/Volume2/0 2_Book2 (Architectural)/0 3_S07	-		Enclosed Circuit Breakers, 600AT, 3P+N, NEMA 2 Enclosure	Is it for Under Floor Wheel Re-profiling Lathe?	<i>Yes. It is for Underfloor Wheel Re-profiling Lathe. Refer to NSRP-DWG-WRS-EL-5051 rev21.</i>
S-07	2	Book 2 (Architectural) Architectural Plans	-	NSRP-DWG-OCC- AR-3102	-	Please provide following: -reinforcement details for elevator pit slab -blow-up and section plans for stair at GRID 1-B	<i>Details of Elevator Pit Slab will be added on NSRP-DWG-OCC-ST-4371 rev21.2</i>
S-07	2	Book 2 (Architectural) Architectural Plans	-	NSRP-DWG-LRS-AR- 3512	-	Please provide reinforcement details for concrete zocalo	<i>Details of concrete zocalo will be added on NSRP-DWG-LRS-ST-4401 rev21.2</i>
S-07	2	Book 2 (Architectural) Structural Plans	-	NSRP-DWG-WRS- ST-4211	-	Please provide reinforcement details for RC W15	<i>Details of RC W15 will be added on NSRP-DWG-WRS-ST-4312 rev21.2</i>
S-07	2	Book 2 (Architectural) Architectural and Structural Plans	-	NSRP-DWG-CMV- AR-3301 and NSRP- DWG-CMV-ST-4111	-	Please verify conflict in wall thickness and provide reinforcement details	<i>Architectural wall shows 200mm wall thickness that includes the plaster finish (25mm both sides) of the 150mm thick RC wall. Details of RC W15 will be added on NSRP-DWG-CMV-ST-4311 revision 21.2</i>
S-07	2	Book 2 (Architectural) Architectural and Structural Plans	-	NSRP-DWG-TMO- ST-4301 and NSRP- DWG-TMO-AR-3301	-	Please verify if details shown in drawing will be used for W15. If yes, please clarify conflict in wall thickness.	<i>Architectural wall shows 200mm wall thickness that includes the plaster finish (25mm both sides) of the 150mm thick RC wall.</i>
S-07	2	Specification		TS_500_66pg		Exterior, Framed Window - <Low-E laminated glass, double-panel with tint assembly, 6:12:6 (See schedule of Doors and Windows)> Exterior Glass Panels- <Low-E laminated glass, double-panel with inert gas assembly, 16:6:16 (See schedule of Doors and Windows)> 1. Based on Specification page #66, thickness of window "OCC-AR-3621" is 6+12+6 and thickness of curtainwall is 16+6+16. Please clarify if 16mm means 16mm thickness laminated glass? 2. Specification of windows on other buildings excluding OCC shows 8+12+8. Please clarify if we have to follow specification or drawing.	<i>1. The 16mm is the thickness of laminated glass. 2. Technical Specifications will govern and will be followed</i>
S-04	1	Sec 4A BOQ	26		At BOQ, - Cross Hole sonic Logging test - 38 nos At Technical Specification, - Shall intall access tubes for CSL testing in all bored piles.	There is discrepancy between BOQ and Technical Specification. Please, Clarify it.	<i>There is no discrepancy between TS and BoQ Qty. The Technical Specification states that the number of piles to be tested by this method shall be 3% of all piles which is the same as BOQ calculations. (see 204.2.6.4)</i>

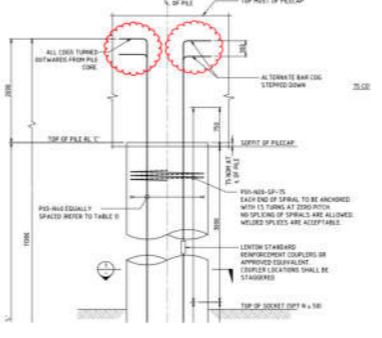
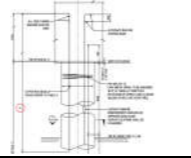
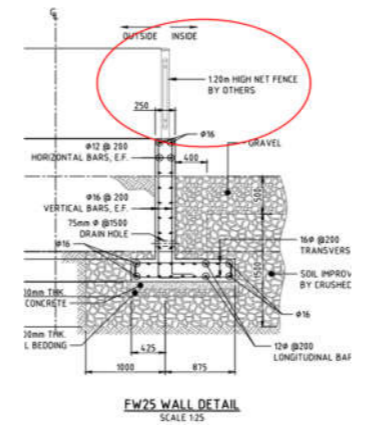
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Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	2	Sec 6 II drawing CP S-04_VIA00	27, 28, 29 30, 31			<p>This drawing shows a protruded rebar cage of viaduct piles. This drawing mentions all cogs turned outwards from pile core. In this case bending length is 40d that is 1600mm because the diameter of rebar is 40mm.</p> <p>This rebar shape will make the face of excavated hole collapsed when rebar cage goes down for casting if the contractor fabricates the rebar by bending machine before casting.</p> <p>If the contractor bends the rebar, it is difficult the rebar to be bent by man because 40mm diameter is too thick.</p> <p>A method to install is to use a coupler.</p> <p>Please, provide the bidder with a drawing that allows us to use couplers in the vertical rebar reinforcement at the top of the pile.</p>	<p><i>The bars should not be bent by "Man" alone but by using a bar-bending press with the correct former. The provision of additional couplers would be down to the Contractor and would have to cover this in his unit rate for piling. It is possible that the 40 dia. bars can be bent to the correct shape in factory conditions and delivered to site ready to use, therefore additional couplers are not required to overcome this issue.</i></p> <p><i>The 40 x d is the development length (anchorage) is the whole length of the bar projecting from the top of the pile.</i></p>
S-04	2	Sec 6 II drawing CP S-04_02_ALA_ST	5,22,23		<p>At Page 5 Zone 1 - Bottom of pile -30.90m Zone 2 - Bottom of pile -59.80m At Page 22, 23 D1200 - Bottom of pile -59.80m D1500 - Bottom of pile -33.90m</p>	<p>There are D1200 and D1500 in the Zone 1. In addition, Zone 2 also has D1200 and D1500.</p> <p>Please, clarify it.</p>	<p><i>Zone 1 and Zone 2 both have D1200 and D1500. D1200 and D1500 have different bottom of pile elevation depending on the zone the individual piles is located. The bottom of pile elevation of Zone 1 is -33.90m while the bottom of pile elevation of Zone 2 is -59.80m regardless of pile diameter. Refer to the latest sheet NSRP-DWG-ALA-ST-4101 rev 21.1 for the bottom pile elevations of both Zones.</i></p>
S-04	2	Sec 6 II drawing CP S-04_VIA04	31		<p>At CP S-04_VIA04, Page 31 P-610 : Pier type - Type P8. P-613 : Pier type - Type P6-613.</p>	<p>Please, provide the pile drawing and the pile details for pier type P8 and pier type P6-613.</p>	<p><i>The reinforcement type for Pier Type P6 and Pier Type P8 as shown in the pier schedule shall be referenced to the Table 1 of sheets NSRP-DWG-VIA00-ST-0321 and NSRP-DWG-VIA00-ST-0322.</i></p> <p><i>NSRP-DWG-VIA00-ST-0321 and NSRP-DWG-VIA00-ST-0322 will be revised and issued as rev. 21.2</i></p>
S-04	2	Sec 6 II drawing CP S-04_VIA04	33		<p>At CP S-04_VIA04, Page 33 MT04-Abut : Pier type - ABUT-6.3</p>	<p>Please, provide the pile drawing and the pile details for pier type ABUT-6.3.</p>	<p><i>For abutment concrete and rebar details of MT04-Abut, please refer to NSRP-DWG-CIS70-ST-0101 Rev 21, NSRP-DWG-CIS70-ST-0102 Rev 21, NSRP-DWG-CIS70-ST-0103 Rev 21.</i></p>
S-04	2	Sec 6 II drawing CP S-04_VIA00	30			<p>Please, provide the length of X for pile reinforcement for type P5.</p>	<p><i>Value of X shall be shown in the drawing NSRP-DWG-VIA00-ST-0323, NSRP-DWG-VIA00-ST-0324, NSRP-DWG-VIA00-ST-0325. Drawings will be revised and issued as rev. 21.2</i></p>

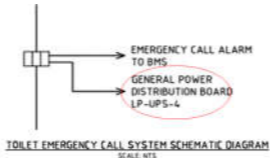
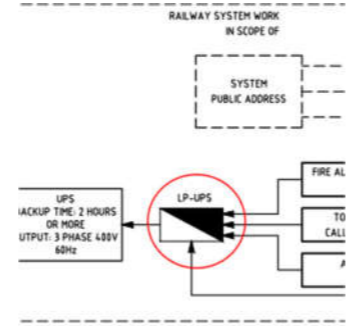
CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04		CP S-04_02_Structural_SS_07-09	NSRP-DWG-SS07-ST-4311 NSRP-DWG-SS08-ST-4311 NSRP-DWG-SS09-ST-4311			There is discrepancy between BOQ and design drawing for fence works - in BOQ : 128 (4) Fencing (CHB t=150mm x 2500mm high) - in Design drawing : 1.20m high net fence by others Please clarify above item.	- BOQ will be revised and issued in Addendum 2 - The following structural plans will be updated to revision 21.2: NSRP-DWG-SS07-ST-4311 NSRP-DWG-SS08-ST-4311 NSRP-DWG-SS09-ST-4311
S-04		CP S-04_03_ALA_EL CP S-04_03_MUN_EL	NSRP-DWG-ALA-EL-5706 NSRP-DWG-MUN-EL-5706	TOILET EMERGENCY CALL SYSTEM		Please clarify that LP-UPS-4 is connected to LP-UPS on MDB1 or MDB2 in " low voltage power single line diagram(NSRP-DWG-ALA-EL-5011, NSRP-DWG-MUN-EL-5011)	For NSRP-DWG-ALA-EL-5706 v21, LP-UPS-4 is connected to LP-UPS in MDB1(NSRP-DWG-ALA-EL-5011 v21.1. For NSRP-DWG-MUN-EL-5706 v21, LP-UPS-4 is connected to LP-UPS in MDB2(NSRP-DWG-MUN-EL-5011 v21.1.
S-04		CP S-04_03_ALA_EL CP S-04_03_MUN_EL	NSRP-DWG-ALA-EL-5801 NSRP-DWG-MUN-EL-5801	BMS DIAGRAM		There is discrepancy between BOQ and design drawing for BMS works - in BOQ : 713(7) UPS BACKUP TIME : 2HOURS OR MORE - in Design drawing : LP -UPS INC UPS BACKUP TIME : 2HOURS OR MOR Please clarify above item.	Pay item for LP - UPS is included in Addendum 2 BOQ Bill No. 4-1, Part F.5 --- Electrical Works PIN 706(11)am --- ALA - LP UPS incl 30kVA UPS Bill No. 4-2, Part F.5 --- Electrical Works PIN 706(12)ag --- MUN - LP UPS incl 30kVA UPS
S-04		CP S-04_03_ALA_EL CP S-04_03_MUN_EL	NSRP-DWG-ALA-EL-5803 NSRP-DWG-MUN-EL-5803	CCTV SYSTEM DIAGRAM UNPAID AREA		Please clarify that LP-UPS-5 is connected to LP-UPS on MDB2 in " low voltage power single line diagram(NSRP-DWG-MUN-EL-5011.	For NSRP-DWG-ALA-EL-5803 v21, LP-UPS-5 is connected to LP-UPS in MDB1(NSRP-DWG-ALA-EL-5011 v21.1. For NSRP-DWG-MUN-EL-5803 v21, LP-UPS-5 is connected to LP-UPS in MDB2(NSRP-DWG-MUN-EL-5011 v21.1.
S-04		CP S-04_03_ALA_EL CP S-04_03_MUN_EL	NSRP-DWG-ALA-EL-5825 NSRP-DWG-MUN-EL-5825	ACCESS CONTROL SYSTEM		There is discrepancy between BOQ and design drawing for ACCESS CONTROL SYSTEM works - in BOQ : NOT INCLUDING - in Design drawing : LP -UPS Please clarify above item.	LP - UPS Panel Board is included in the Addendum 2 BOQ. Panel board is common / shared for Access Control, CCTV, and BMS. Pay items are as enumerated in response to query #1538.
S-05	1	Sec 4A BOQ	29		At BOQ, - Cross Hole sonic Logging test - 60 nos At Technical Specification, - Shall install access tubes for CSL testing in all bored piles.	There is discrepancy between BOQ and Technical Specification. Please, Clarify it.	There is no discrepancy between TS and BoQ Qty. The Technical Specification states that the number of piles to be tested by this method shall be 3% of all piles which is the same as BOQ calculations. (see 204.2.6.4)
S-05	1	Sec 4A BOQ	26		Removal of Existing Lined Canal	The Quantity is Linear meter. Drawing only mentions widths. Height isn't shown in the drawing. Please, provide the specific drawing included with the information.	The height of the canal will be verified by the Contractor or Engineer on site once the demolition works start.

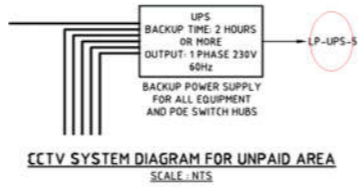
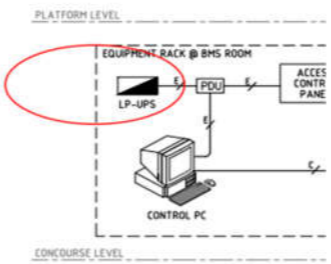
CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	Sec 6 II drawing CP S-05_VIA00				<p>This drawing shows a protruded rebar cage of viaduct piles. This drawing mentions all cogs turned outwards from pile core. In this case bending length is 40d that is 1600mm because the diameter of rebar is 40mm.</p> <p>This rebar shape will make the face of excavated hole collapsed when rebar cage goes down for casting if the contractor fabricates the rebar by bending machine before casting.</p> <p>If the contractor bends the rebar, it is difficult the rebar to be bent by man because 40mm diameter is too thick.</p> <p>A method to install is to use a coupler.</p> <p>Please, provide the bidder with a drawing that allows us to use couplers in the vertical rebar reinforcement at the top of the pile.</p>	<p><i>The bars should not be bent by "Man" alone but by using a bar bending press with the correct former. The provision of additional couplers would be down to the Contractor and would have to cover this in his unit rate for piling. It is possible that the 40 diam bars can be bent to the correct shape in factory conditions and delivered to site ready to use, therefore additional couplers are not required to overcome this issue.</i></p> <p><i>The 40 x d is the development length (anchorage) is the whole length of the bar projecting from the top of the pile.</i></p>
S-05	2	Sec 6 II drawing CP S-05_VIA00	30			Please, provide the length of X for pile reinforcement for type P5.	<i>Value of X shall be shown in the drawing NSRP-DWG-VIA00-ST-0323, NSRP-DWG-VIA00-ST-0324, NSRP-DWG-VIA00-ST-0325. Drawings will be revised and issued as rev. 21.2</i>
S-05	2	Sec.6	GS131	131.4	The Contractor shall erect high visibility safety fencing along the demarcation line of the PNR safety zones and shall ensure that the safety fences are duly maintained and kept in good order at all times.	<ol style="list-style-type: none"> Please explain the meaning of "high visibility" in GS131.4. The steel mesh type of fence is match with high visibility safety fencing in GS131.4 or not. 	<i>The purpose of safety fence is protection of PNR Operation. The fence shall be subject to method of construction.</i>
S-05		CP S-05_02_Structural_SS_10-14	NSRP-DWG-SS10-ST-4311 NSRP-DWG-SS11-ST-4311 NSRP-DWG-SS12-ST-4311 NSRP-DWG-SS13-ST-4311 NSRP-DWG-SS14-ST-4311			<p>There is discrepancy between BOQ and design drawing for fence works</p> <ul style="list-style-type: none"> - in BOQ : 128 (4) Fencing (CHB t=150mm x 2500mm high) - in Design drawing : 1.20m high net fence by others <p>Please clarify above item.</p>	<p><i>- BOQ to be revised and issued in Addendum 2</i></p> <p><i>- The following structural plans will be updated to revision 21.2:</i></p> <p><i>NSRP-DWG-SS10-ST-4311</i></p> <p><i>NSRP-DWG-SS11-ST-4311</i></p> <p><i>NSRP-DWG-SS12-ST-4311</i></p> <p><i>NSRP-DWG-SS13-ST-4311</i></p> <p><i>NSRP-DWG-SS14-ST-4311</i></p>

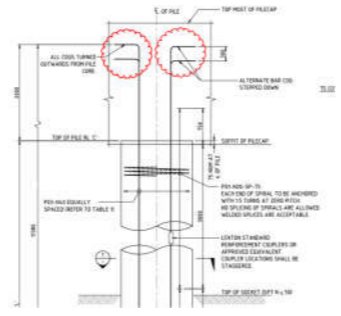
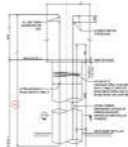
CP S04-07 Responses to Clarification Requests (Batch 6)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05		<p>CP S-05_03_BIN_EL</p> <p>CP S-05_03_PTA_EL</p> <p>CP S-05_03_SPO_EL</p> <p>CP S-05_03_SRO_EL</p>	<p>NSRP-DWG-BIN-EL-5706</p> <p>NSRP-DWG-PTA-EL-5706</p> <p>NSRP-DWG-SPO-EL-5706</p> <p>NSRP-DWG-SRO-EL-5706</p>	TOILET EMERGENCY CALL SYSTEM		<p>Please clarify that LP-UPS-4 is conncted to LP-UPS on MDB2 in " low voltage power single line diagram(NSRP-DWG-BIN-EL-5011, NSRP-DWG-PTA-EL-5011,NSRP-DWG-SPO-EL-5011, NSRP-DWG-SRO-EL-5011)</p>	<p><i>For NSRP-DWG-BIN-EL-5706 v21, LP-UPS-4 is connected to LP-UPS in MDB2 (NSRP-DWG-BIN-EL-5011 rev. 21.1).</i></p> <p><i>For NSRP-DWG-PTA-EL-5706 v21, LP-UPS-4 is connected to LP-UPS in MDB2 (NSRP-DWG-PTA-EL-5011 rev. 21.1).</i></p> <p><i>For NSRP-DWG-SPO-EL-5706 v21, LP-UPS-4 is connected to LP-UPS in MDB2 (NSRP-DWG-SPO-EL-5011 rev. 21.1).</i></p> <p><i>For NSRP-DWG-SRO-EL-5706 v21, LP-UPS-4 is connected to LP-UPS in MDB2 (NSRP-DWG-SRO-EL-5011 rev.21).</i></p>
S-05		<p>CP S-05_03_BIN_EL</p> <p>CP S-05_03_PTA_EL</p> <p>CP S-05_03_SPO_EL</p> <p>CP S-05_03_SRO_EL</p>	<p>NSRP-DWG-BIN-EL-5801</p> <p>NSRP-DWG-PTA-EL-5801</p> <p>NSRP-DWG-SPO-EL-5801</p> <p>NSRP-DWG-SRO-EL-5801</p>	BMS DIAGRAM		<p>There is discrepancy between BOQ and design drawing for BMS works</p> <ul style="list-style-type: none"> - in BOQ : 713(7) UPS BACKUP TIME : 2HOURS OR MORE - in Design drawing : LP -UPS INC UPS BACKUP TIME : 2HOURS OR MOR <p>Please clarify above item.</p>	<p><i>Pay item for LP - UPS is included as follows:</i></p> <p><i>Bill No. 4-1, Part F.5 --- Electrical Works PIN 706(13)ak --- SPO - LP UPS incl 30kVA UPS</i></p> <p><i>Bill No. 4-2, Part F.5 --- Electrical Works PIN 706(14)ae --- PTA - LP UPS incl 30kVA UPS</i></p> <p><i>Bill No. 4-3, Part F.5 --- Electrical Works PIN 706(15)ah --- BIN - LP UPS incl 30kVA UPS</i></p> <p><i>BOQ for Bill No. 4-4 (Sta. Rosa Station) will be revised to include pay item for LP UPS. Revised BOQ will be issued in Addendum 2</i></p>

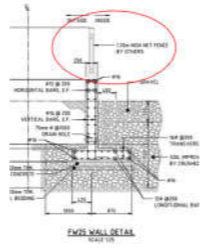
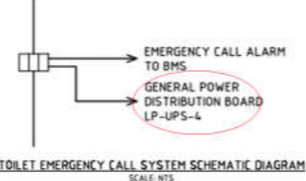
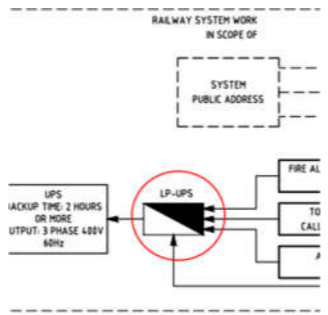
CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05		CP S-05_03_BIN_EL CP S-05_03_PTA_EL CP S-05_03_SPO_EL CP S-05_03_SRO_EL	NSRP-DWG-BIN-EL-5803 NSRP-DWG-PTA-EL-5803 NSRP-DWG-SPO-EL-5803 NSRP-DWG-SRO-EL-5803	CCTV SYSTEM DIAGRAM UNPAID AREA	 <p>UPS BACKUP TIME: 2 HOURS OR MORE OUTPUT: 1 PHASE 230V 60Hz BACKUP POWER SUPPLY FOR ALL EQUIPMENT AND POE SWITCH HUBS CCTV SYSTEM DIAGRAM FOR UNPAID AREA SCALE: NTS</p>	Please clarify that LP-UPS-5 is connected to LP-UPS on MDB2 in " low voltage power single line diagram(NSRP-DWG-BIN-EL-5011, NSRP-DWG-PTA-EL-5011,NSRP-DWG-SPO-EL-5011, NSRP-DWG-SRO-EL-5011)	<p><i>For NSRP-DWG-BIN-EL-5803 rev21, LP-UPS-5 is connected to LP-UPS in MDB2(NSRP-DWG-BIN-EL-5011 rev21.1).</i></p> <p><i>For NSRP-DWG-PTA-EL-5803 rev21, LP-UPS-5 is connected to LP-UPS in MDB2(NSRP-DWG-PTA-EL-5011 rev21.1).</i></p> <p><i>For NSRP-DWG-SPO-EL-5803 rev21, LP-UPS-5 is connected to LP-UPS in MDB2(NSRP-DWG-SPO-EL-5011 rev21.1).</i></p> <p><i>SRO-REDESIGN STATION</i></p>
S-05		CP S-05_03_BIN_EL CP S-05_03_PTA_EL CP S-05_03_SPO_EL CP S-05_03_SRO_EL	NSRP-DWG-BIN-EL-5825 NSRP-DWG-PTA-EL-5825 NSRP-DWG-SPO-EL-5825 NSRP-DWG-SRO-EL-5825	ACCESS CONTROL SYSTEM	 <p>PLATFORM LEVEL EQUIPMENT RACK @ BMS ROOM LP-UPS PDU ACCESS CONTR. PANEL CONTROL PC CONCOURSE LEVEL</p>	<p>There is discrepancy between BOQ and design drawing for ACCESS CONTROL SYSTEM works</p> <ul style="list-style-type: none"> - in BOQ : NOT INCLUDING - in Design drawing : LP -UPS <p>Please clarify above item.</p>	<p><i>LP - UPS Panel Board is included in Addendum 2 BOQ. Panel board is common / shared for Access Control, CCTV, and BMS.</i></p> <p><i>Pay items are as enumerated in response to query #1555.</i></p>
S-06	1	Sec 4A BOQ	28		<p>At BOQ,</p> <ul style="list-style-type: none"> - Cross Hole sonic Logging test - 69 nos <p>At Technical Specification,</p> <ul style="list-style-type: none"> - Shall install access tubes for CSL testing in all bored piles. 	There is discrepancy between BOQ and Technical Specification. Please, Clarify it.	<p><i>There is no discrepancy between TS and BoQ Qty. The Technical Specification states that the number of piles to be tested by this method shall be 3% of all piles which is the same as BOQ calculations. (see 204.2.6.4)</i></p>
S-06	1	Sec 4A BOQ	25		Removal of Existing Lined Canal	The Quantity is Linear meter. However, the height and width aren't mentioned at any drawing. Please, provide the specific drawing included with the information.	<p><i>The height of the canal will be verified by the Contractor or Engineer on site once demolition works start</i></p>

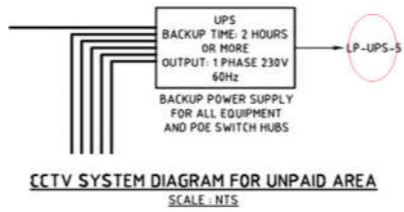
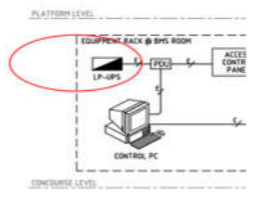
CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	Sec 6 II drawing CP S-06_VIA00	27, 28, 29 30, 31			<p>This drawing shows a protruded rebar cage of viaduct piles. This drawing mentions all cogs turned outwards from pile core. In this case bending length is 40d that is 1600mm because the diameter of rebar is 40mm.</p> <p>This rebar shape will make the face of excavated hole collapsed when rebar cage goes down for casting if the contractor fabricates the rebar by bending machine before casting.</p> <p>If the contractor bends the rebar, it is difficult the rebar to be bent by man because 40mm diameter is too thick.</p> <p>A method to install is to use a coupler.</p> <p>Please, provide the bidder with a drawing that allows us to use couplers in the vertical rebar reinforcement at the top of the pile.</p>	<p><i>The bars should not be bent by "Man" alone but by using a bar-bending press with the correct former. The provision of additional couplers would be down to the Contractor and would have to cover this in his unit rate for piling. It is possible that the 40 dia. bars can be bent to the correct shape in factory conditions and delivered to site ready to use, therefore additional couplers are not required to overcome this issue.</i></p> <p><i>The 40 x d is the development length (anchorage) is the whole length of the bar projecting from the top of the pile.</i></p>
S-06	2	Sec 6 II drawing CP S-06_VIA00	83		At River bank protectio, (H>5m) Sheet pile, refer to detail A.	<p>According to the drawing (NSRP-DWG-VIA06-ST-0035) , river bank protection shows 11.805m of Height. Therefore it needs installation of sheet piles and casting of concrete.</p> <ol style="list-style-type: none"> Please, provide the depth of sheet pile and the drawing. Please, provide the BOQ item and the quantity of concrete casting and reinforcement for concrete cap of river bank protection. Please, provide the BOQ item and the quantity of Sheet piling 	<p><i>As per sheet VIA06-ST-0035, no sheet pile is needed in the toe of the gabion mattress.</i></p>
S-06	2	Sec 6 II drawing CP S-06_VIA06 & CP S-06_BC08 & CP S-06_VIA00	42 / 12 / 28		At CP S-06_VIA06, Page 42 Pilecap type : P-1220 (BC08-5 T) P-1241 & P-1245 (BC08-6T) Size of Pile : D1500 'At CP S-06_BC08, Page 12 Pilecap type : Pier 1 & Pier 4 (P1-Type 29) 'At CP S-06_VIA00, Page 28 Table 1 (Type 29) - D1200	<p>Pilecap type of P-1220 mentions BC08-5T. Pilecap type of P-1241 and P-1245 mentions BC08-6T. And size of pile is D1500 at CP S-06_VIA06, Page 42.</p> <p>In addition, pilecap type of Pier 1 and Pier 4 is P1-Type 29 at CP S-06_BC08, Page 12.</p> <p>However, the page included with type 29 in Table 1 shows D1200 details at CP S-06_VIA00, Page 28.</p> <p>Please, Clarfy this.</p>	<p><i>Pile type shown in NSRP-DWG-BC08-ST-9011 Rev 21 and NSRP-DWG-VIA00-ST-0301 Rev 21 shall govern.</i></p> <p><i>The following sheets shall revised and issued as rev. 21.2:</i> <i>NSRP-DWG-VIA06-ST-0039 - modify the pile diameter of P-1220 to 1200 diameter.</i> <i>NSRP-DWG-VIA06-ST-0041 - modify the pile diameter of P-1241 to 1200 diameter.</i> <i>NSRP-DWG-VIA06-ST-0042 - modify the pile diameter of P-1245 to 1200 diameter.</i> <i>NSRP-DWG-VIA06-ST-0105 - modify the pile diameter of P-1220, P-1241, P-1245 in pier schedule to 1200 diameter.</i></p>
S-06	2	Sec 6 II drawing CP S-06_VIA00	30			<p>Please, provide the length of X for pile reinforcement for type P5.</p>	<p><i>Value of X shall be shown in the drawing NSRP-DWG-VIA00-ST-0323, NSRP-DWG-VIA00-ST-0324, NSRP-DWG-VIA00-ST-0325. Drawing will be revised and issued as Rev.21.2</i></p>
S-06	2	Sec.6	GS131	131.4	The Contractor shall erect high visibility safety fencing along the demarcation line of the PNR safety zones and shall ensure that the safety fences are duly maintained and kept in good order at all times.	<ol style="list-style-type: none"> Please explain the meaning of "high visibility" in GS131.4. The steel mesh type of fence is match with high visibility safety fencing in GS131.4 or not. 	<p><i>The purpose of safety fence is protection of PNR Operation. The fence shall be subject to method of construction.</i></p>

CP S04-07 Responses to Clarification Requests (Batch 6)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06		CP S-06_02_Structural_SS_15-18	NSRP-DWG-SS15-ST-4311 NSRP-DWG-SS16-ST-4311 NSRP-DWG-SS17-ST-4311 NSRP-DWG-SS18-ST-4311			There is discrepancy between BOQ and design drawing for fence works - in BOQ : 128 (4) Fencing (CHB t=150mm x 2500mm high) - in Design drawing : 1.20m high net fence by others Please clarify above item.	- BOQ to be revised and issued in Addendum 2 - The following structural plans will be updated to revision 21.2: NSRP-DWG-SS15-ST-4311 NSRP-DWG-SS16-ST-4311 NSRP-DWG-SS17-ST-4311 NSRP-DWG-SS18-ST-4311
S-06		CP S-06_03_BAN_EL CP S-06_03_CAB_EL CP S-06_03_CAL_EL	NSRP-DWG-BAN-EL-5706 NSRP-DWG-CAB-EL-5706 NSRP-DWG-CAL-EL-5706	TOILET EMERGENCY CALL SYSTEM		Please clarify that LP-UPS-4 is connected to LP-UPS on MDB2 in " low voltage power single line diagram(NSRP-DWG-BAN-EL-5011, NSRP-DWG-CAB-EL-5011,NSRP-DWG-CAL-EL-5011)	For NSRP-DWG-BAN-EL-5706 rev21, LP-UPS-5 is connected to LP-UPS in MDB1(NSRP-DWG-BAN-EL-5011 rev21.1). For NSRP-DWG-CAB-EL-5706 rev21, LP-UPS-5 is connected to LP-UPS in MDB2(NSRP-DWG-CAB-EL-5011 rev21.1). For NSRP-DWG-CAL-EL-5706 rev21, LP-UPS-5 is connected to LP-UPS in MDB3(NSRP-DWG-CAL-EL-5011 rev21.1).
S-06		CP S-06_03_BAN_EL CP S-06_03_CAB_EL CP S-06_03_CAL_EL	NSRP-DWG-BAN-EL-5801 NSRP-DWG-CAB-EL-5801 NSRP-DWG-CAL-EL-5801	BMS DIAGRAM		There is discrepancy between BOQ and design drawing for BMS works - in BOQ : 713(7) UPS BACKUP TIME : 2HOURS OR MORE - in Design drawing : LP -UPS INC UPS BACKUP TIME : 2HOURS OR MOR Please clarify above item.	Pay item for LP - UPS is included in the Addendum 2 BOQ as follows: Bill No. 4-1, Part F.5 --- Electrical Works PIN 706(17)ao --- CAB - LP UPS incl 30kVA UPS Bill No. 4-2, Part F.5 --- Electrical Works PIN 706(18)ae --- BAN - LP UPS incl 30kVA UPS Bill No. 4-3, Part F.5 --- Electrical Works PIN 706(19)an --- CAL - LP UPS incl 30kVA UPS

CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06		CP S-06_03_BAN_EL CP S-06_03_CAB_EL CP S-06_03_CAL_EL	NSRP-DWG-BAN-EL-5803 NSRP-DWG-CAB-EL-5803 NSRP-DWG-CAL-EL-5803	CCTV SYSTEM DIAGRAM UNPAID AREA		Please clarify that LP-UPS-5 is conneted to LP-UPS on MDB2 in " low voltage power single line diagram(NSRP-DWG-BAN-EL-5011, NSRP-DWG-CAB-EL-5011,NSRP-DWG-CAL-EL-5011)	<i>For NSRP-DWG-BAN-EL-5803 rev21, LP-UPS-5 is connected to LP-UPS in MDB1(NSRP-DWG-BAN-EL-5011 rev21.1). For NSRP-DWG-CAB-EL-5803 rev21 LP-UPS-5 is connected to LP-UPS in MDB2(NSRP-DWG-CAB-EL-5011 rev21.1). For NSRP-DWG-CAL-EL-5803 rev21 LP-UPS-5 is connected to LP-UPS in MDB(NSRP-DWG-CAL-EL-5011 rev21.1).</i>
S-06		CP S-06_03_BAN_EL CP S-06_03_CAB_EL CP S-06_03_CAL_EL	NSRP-DWG-BAN-EL-5825 NSRP-DWG-CAB-EL-5825 NSRP-DWG-CAL-EL-5825	ACCESS CONTROL SYSTEM		There is discrepancy between BOQ and design drawing for ACCESS CONTROL SYSTEM works - in BOQ : NOT INCLUDING - in Design drawing : LP -UPS Please clarify above item.	<i>LP - UPS Panel Board already included in the Addendum 2 BOQ. Panel board is common / shared for Access Control, CCTV, and BMS. Pay items are as enumerated in response to query #1574.</i>
S-06	1	Section 3	EQC 25	2.4.2/ Construction Experience in Key Activities	<Requirement> May be complied with by the Bidder or by Specialist Subcontractor. If Specialist Subcontractors are proposed by the Bidder for key activities, each Specialist Subcontract must have experience in related key activity as a single entity. If the key activity is to be undertaken by a Specialist Subcontractor, the Employer shall require evidence of the subcontracting agreement from the Bidder.	4. The Bidder intends to nominate a specialist subcontractor that have experience as a Joint Venture member in a project which includes 18,6 km of elevated structures using precast segmental span by span technique and including also bored pile, caps and piers. The Bidder's share in the project was approximately 40%. In case of participation as a specialist subcontractor, we kindly ask to clarify if the above-mentioned reference would meet the requirement set out at 2.4.2. Construction Experience in Key Activities of Section 3 Evaluation and Qualification Criteria settled for a single entity participation.	<i>Bidder is requested to take note of 2.4.2 where it states that " If Specialist Subcontractors are proposed by the Bidder for key activities, each Specialist Subcontract must have experience in related key activity as a single entity."</i>
S-07	2	02 Book 2 (Architectural), 02 SO7 STRUC and 01 SO7 ARCH	2 of 5	a. NSRP-DWG-FPH1-ST-4101 and NSRP-DWG-FPH1-AR-3101 b. NSRP-DWG-LOS-ST-4111 and NSRP-DWG-LOS-AR-3201	Damp proof and polyethylene sheet	Please confirm our understanding that damp proof membrane is equivalent to 6 mils polyethylene sheet moisture barrier	<i>Yes, for damp-proofing, we are going to use 6mils polyethylene sheet moisture barrier.</i>

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S-07	2	02 Book 2 (Architectural), 01 SO7 ARCH	10-12 of 19	NSRP-DWG-CNT-AR-3411-3413	Toilet Partition	Please provide pay item for Phenolic board Toilet Partitions at Canteen.	<i>BOQ to be revised to include pay item for Laminated Toilet Partitions</i> <i>Revised BOQ will be issued in Addendum 2</i>
S-07	2	Section 6 - IC Technical Specifications TS 200 - Civil Works Annex A	6 of 56 33 - 34 of 372	TS 201 Structural Excavation and Backfill	TS Annex A 201.1.1.1, Foundation Fill TS 201.2.2.2.2 , footing not on rock (When the foundation material is soft or mucky or otherwise unsuitable, as determined by the Engineer, the Contractor shall remove the unsuitable material and backfill with approved granular material. This foundation fill shall be placed and compacted in 300 mm layers up to the foundation elevation)	Backfill materials are from excavated materials or selected borrow materials while foundation fill are granular materials. Please provide pay item for foundation fill	<i>Please refer to TS Annex PINS submitted February 2,2021.</i> <i>201(4)e Foundation Fill</i>
S-07	2	Section 6 - IC Technical Specifications Annex A - TS 100 - Civil Works Technical Specifications TS 200 - Civil Works Annex A	26 of 180; Annex A- 7 of 53 6 of 56 33 - 34 of 372	Excavation TS 102.2.9 and at Annex A Measurement and Payment - 102.1.1 TS 201 Structural Excavation and Backfill	Removal of unsuitable materials TS Annex A 201.1.1.1, Foundation Fill TS 201.2.2.2.2 , footing not on rock (When the foundation material is soft or mucky or otherwise unsuitable, as determined by the Engineer, the Contractor shall remove the unsuitable material and backfill with approved granular material. This foundation fill shall be placed and compacted in 300 mm layers up to the foundation elevation)	Please provide pay item for removal of unsuitable or surplus materials	<i>Please refer to TS Annex PINS issued in Addendum 2</i> <i>102(1)a Unsuitable Excavation at dry condition</i>
S-07	2	Section 6 - IC Technical Specifications TS 100 - Civil Works Annex A	8 of 53	TS 103 Embankment; TS103.1.1 TS 103.2	Crushed Gravel Fill Selected borrow topping	1) Please provide pay item for crushed gravel fill 2) Please provide pay item for selected borrow topping	<i>Please refer to TS Annex PINS issued in Addendum 2</i> <i>103(4) Crushed Gravel Fill</i> <i>103(1)a Embankment (Using Common Excavation Soil)</i>

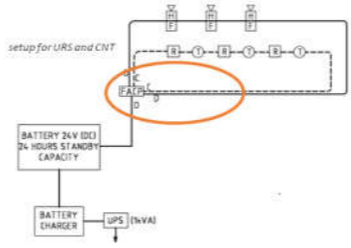
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S-07	2	02 Book 2 (Architectural), 01 S07 ARCH	LRS: 44 of 57 CNT: 16 of 19	NSRP-DWG-LRS-AR-3631 NSRP-DWG-CNT - AR-3611	Schedule of Door	please provide pay item for schedule of Doors for LRS (D8) and Canteen (D3).	<p><i>Pay items are included in the Addendum 2 BOQ as follows:</i></p> <p><i>Bill No 4-1.2, Part C.2 --- Architectural Works PIN D526(3)f --- D8 for Light Repair Shop: W1000mm x H2100mm, Single-Leaf Solid Wooden Door</i></p> <p><i>Bill No 4-2.20, Part C.2 --- Architectural Works PIN 526(20)c --- D3 for Canteen: W900xH2100mm, Single-Leaf Sliding Hanger Door w/ Stainless Insect Screen, Fluorourethane Oven-Baked Finished Steel.</i></p>
S-07	2	02 Book 2 (Architectural), 01 S07 ARCH	CMV: 6 of 7 WRS: 7 of 9 TMO: 6 of 7 SH1: 7 of 9	WRS: NSRP-DWG-WRS-AR-3501 CMV: NSRP-DWG-CMV-AR-3501 TMO: NSRP-DWG-TMO-AR-3501 SH1: NSRP-DWG-SH1-AR-3503	Wall Tiles. 300mm x 600mm	Please provide pay item for 300mmx600mm Glazed Ceramic Wall Tile for Toilet.	<p><i>BOQ item description of size and pay item number to be corrected from 300mm x 300mm to 300mm to 600mm Glazed Ceramic Wall Tile for Toilet.</i></p> <p><i>Revised BOQ will be issued in Addendum 2</i></p>
S-07	2	01, Specifications, TS200 Bridges and Viaducts Annex A	10 of 56	TS 204 Bored Pile	TS 204.1.1.4 Permanent Casing; 201.1.2 Payment (Measurement for payment for permanent casing shall be the number of unit in "linear meter" of each diameter of required permanent casing installed as specified in Section エラー! 参照元が見つかりません。)	Please provide pay item for Permanent Casing intended for bored piling	<p><i>The Bidder should include the cost of steel casing or permanent casing in pay items 204(2)a and 204(2)c.</i></p>
S-07	2	02 Book 1 (Civil), 03_Cp C07 Structures	DB1: 104 of 127 DB2: 119 of 127	NSRP-DWG-DB1-ST-4102/4112; NSRP-DWG-DB2-ST-4102/4112	Detention Basin 1 & 2	Please provide pay item and specifications for Cat Ladder with Cage	<p><i>BoQ will be revised to include pay item for steel gratings for Exterior Trench Drain and Waste Water Gutter Trench.</i></p> <p><i>Revised BOQ will be issued in Addendum 2</i></p>

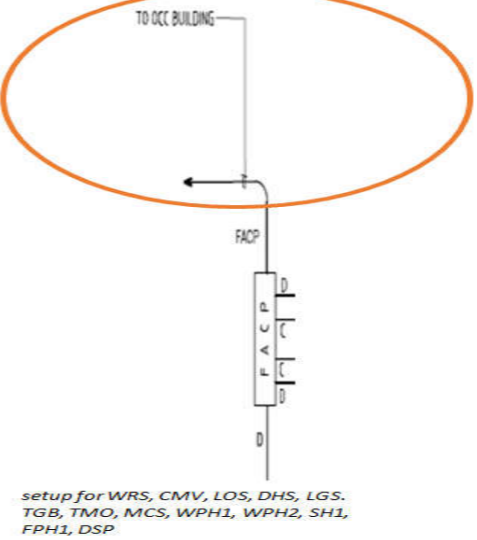
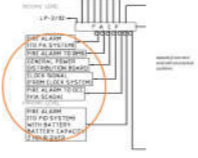
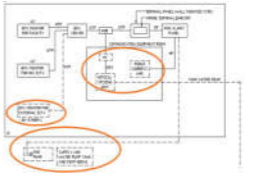
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S-07	1	Sec 4A BOQ	TS: 120 of 180 DB1: 104 of 127 DB2: 119 of 127	Bill No 5. Part E Drainage System for Detention Basin 1 and 2 TS 128.2.2. Chain Link Fence Fabric NSRP-DWG-DB1-ST-4102/4112; NSRP-DWG-DB2-ST-4102/4112	128 (5) Fencing Chainlink at Depot	Chain Link fence is reflected in the detention basin plan but not in the site development plan, please verify and provide detailed drawing	<i>Chain link fence shown in NSRP-DWG-DB1-ST-4102 and NSRP-DWG-DB2-ST-4102 shall be deleted.</i>									
S-07	2	02_Book 2 (Architectural), 01_S07 ARCH	15 of 22	NSRP-DWG-DEP-AR-3401	Structural: Steel Rafter (Refer to Structural) Steel Column (Refer to Structural)	Please provide Structural Steel plans as stated in the Pedestrian Shed Drawing.	<i>Structural plans and details to be provided on NSRP-DWG-DEP-ST-4061 to 4604 rev21.2</i>									
S-07	1	Part I, Section 4	BF-17	Bidding Forms / Key Personnel	5. Senior Piling Engineer	Total Works Experience required is 15 years and Experience in Railway Projects is 5 years. Railway projects in the Philippines are rarely implemented and bored piling works normally have shorter durations. Furthermore, piling activities whether you are doing railways, viaducts, elevated toll roads/skyways, flyovers have the same construction methodology. Query: May we request that we revise the work requirement to Total Work Experience required is 15 years and Total Experience in Infrastructure Projects such as Railways, Viaducts, Elevated Roads is 5 years.	<i>Bidder is advised that the requirement for the Senior Piling Engineer to have railway experience will be removed in Addendum 2.</i>									
S-07	1	Sec 4A BOQ	TS-500: 63 of 495 LRS: 12 of 57	Bill No 4-1.2 - Light Repair Shop 10) Miscellaneous Metal Works DWG No. NSRP-DWG-LRS-AR-3402	D506(3)c - Stainless Steel Gratings for Cat Walk	Please confirm if the Maintenance Catwalk is hot-dipped galvanized steel Grating as per Technical Specifications, in BOQ and Drawing stainless steel grating as indicated. Please verify which shall govern	<i>Stainless steel gratings will govern, see drawing NSRP-DWG-LRS-AR-3402 as Rev21</i>									
S-07	2	02_Book 2 (Architectural), 04_S07 MPFS	LRS: 35 of 49 LRS: 37 of 49	DWG No. NSRP-DWG-LRS-SN-7101 DWG No. NSRP-DWG-LRS-SN-7111	LRS Sanitary - Isometric Layout LRS Sanitary - Layout Shop Floor	Quantity of Sewer Manholes and Oil Separator in Sanitary Drainage Plan have conflict. Please confirm which drawing shall govern. <table border="1" data-bbox="1596 1661 2065 1791"> <thead> <tr> <th>Item</th> <th>Isometric Layout (page 35 of 49)</th> <th>Layout Shop Floor (page37 of 49)</th> </tr> </thead> <tbody> <tr> <td>Sewer Manholes</td> <td>6</td> <td>4</td> </tr> <tr> <td>Oil Separator</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	Item	Isometric Layout (page 35 of 49)	Layout Shop Floor (page37 of 49)	Sewer Manholes	6	4	Oil Separator	1	1	<i>Layout shop floor will prevail.</i>
Item	Isometric Layout (page 35 of 49)	Layout Shop Floor (page37 of 49)														
Sewer Manholes	6	4														
Oil Separator	1	1														


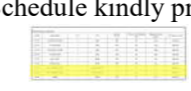


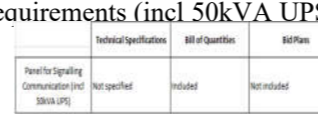

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S-07	2	02_Book 2 (Architectural), 01_S07 ARCH	LRS: 4 of 57 LRS: 12 of 57	DWG No. NSRP-DWG-LRS-AR-3011 DWG No. NSRP-DWG-LRS-AR-3402	Stainless Steel Gratings	Please confirm if the grating covers for Exterior Trench Drain and Waste Water Gutter Trench for LRS is included in pay item D506(3)e - Stainless Steel Gratings for Drainage Gutter. If not, Please provide pay item.	<i>BOQ will be revised in Addendum 2 to include pay item for steel gratings for Exterior Trench Drain and Waste Water Gutter Trench.</i>
S-07	1	Sec 4A BOQ		Bill No 4-1.1 - OCC Building	D549(1)a Access Flooring: 50mm High Anti Static Raised Floor System with Epoxy Coating (Dustproofed) on underfloor	Please provide the location of Raised Flooring with 50mm high only as per BOQ.	<i>Please refer to NSRP-DWG-OCC-AR-3601 rev. 21. It is clearly shown in the schedule of finishes that the room with 50mm high access floor is room 210 - VIP Guest Room 2F. See snip below</i>
S-07	2	Specifications TS 700	99-112	710 Automatic Fire Alarm System Emergency Public Address System	FIRE DETECTION AND ALARM SYSTEM	Please confirm if the materials and testing defined in the Technical Specification of 710 Automatic Fire Alarm System Emergency Public Address System is also applicable to Volume 2 Specifications TS 700, Section 716. If not, please provide pay item.	<i>Confirmed. It is applicable.</i>
S-07	2	Specifications TS 700	151	716 Fire Alarm and Detection System 716.1 The Work	FIRE DETECTION AND ALARM SYSTEM	Please kindly confirm if the equipment to be supplied as defined in TS 700 Section 716 are strictly conventional fire alarm systems.	<i>No. It is IP-based. Addressable type of detectors.</i>
S-07	2	Electrical Bid Drawings	09 12	CP S-07_EL_01_OCC NSRP-DWG-URS-EL-5681 NSRP-DWG-CNT-EL-5061	FIRE DETECTION AND ALARM SYSTEM	Kindly verify if URS and Canteen Building is not to be connected to OCC Building FACP. We assume this is stand alone FACP? Please confirm. 	<i>NSRP-DWG-CNT-EL-5061 is to be issued as rev21.2. NSRP-DWG-URS-EL-5681 is to be issued as rev21.2.</i>

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S-07	2	Electrical Bid Drawings	10 08 05 06 03 07 07 09 06 06 07 05 08	CP S-07_EL_01_OCC NSRP-DWG-WRS-EL-6110 NSRP-DWG-CMV-EL-5061 NSRP-DWG-LOS-EL-5061 NSRP-DWG-DHS-EL-5061 NSRP-DWG-LGS-EL-5011 NSRP-DWG-TGB-EL-5061 NSRP-DWG-TMO-EL-5061 NSRP-DWG-MCS-EL-5061 NSRP-DWG-WPH1-EL-5051 NSRP-DWG-WPH2-EL-5051 NSRP-DWG-SH1-EL-5061 NSRP-DWG-FPH1-EL-5051 NSRP-DWG-DSP-EL-5061	FIRE DETECTION AND ALARM SYSTEM	<p>Please confirm if the cabling for Fire Alarm Control Panel for each building is to be connected to OCC Building we assume this scope by others, if not please provide pay item and layout drawing?</p> 	<i>Part of Bidders scope of work.</i>
S-07	2	Electrical Bid Drawings	63 32	CP S-07_EL_01_OCC OCC-EL-5681 LRS-EL-6110	FIRE DETECTION AND ALARM SYSTEM Refer to Drawing: Fire Alarm (To PA System) Clock Signal (From Clock System) Fire Alarm to OCC (Via SCADA) Fire Alarm (To PID System)	<p>Please confirm PA System, Clock System, PID System and SCADA as indicated in OCC and LRS FDAS are scope by others, if not please provide pay item.</p> 	<i>PA System, Clock System, PID System and SCADA as indicated in OCC and LRS FDAS are scope by others.</i>
S-07	2	Specifications TS 700	153-159	716 Fire Alarm and Detection System	FIRE DETECTION AND ALARM SYSTEM	<p>Please provide sequence of operation for FDAS and interfacing to other equipment / systems.</p>	<i>Contractor to validate all integration of subsystems for fire sequence of operation.</i>
S-07	2	Electrical Bid Drawings	40	CP S-07_EL_01_OCC NSRP-DWG-OCC-EL-5281	BUILDING MANAGEMENT SYSTEM Optical Cable (By Others)	<p>As indicated on Bid Drawings, Optical Cable is by others. Other buildings BMS Panel is connected via Optical Cable to BMS OCC, please confirm that Optical Cable is not part of our scope.</p>	<i>Optical cable is part of the specialist (BMS contractor). NSRP-DWG-OCC-EL-5281 to be issued as rev21.2.</i>
S-07	2	Electrical Bid Drawings	40	CP S-07_EL_01_OCC NSRP-DWG-OCC-EL-5281	BUILDING MANAGEMENT SYSTEM Optical Splicing Unit, MC, Public Adress Amp., BMS Monitor for external CCTV, Optical Cable, Fire Pump, Supply and Water Pump Tank and Pump House	<p>Please verify if all dashed line in the specified drawing NSRP-DWG-OCC-EL-5281 is scope by others.</p> 	<i>For the dashed line, interfacing is part of the specialist (BMS contractor). NSRP-DWG-OCC-EL-5281 will be issued as rev 21.2.</i>



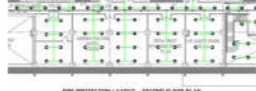
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S-07	2	Electrical Bid Drawings	26-31 11-13	CP S-07_EL_01_OCC NSRP-DWG-OCC-EL-5181/5191/5201/5211/5221 CP S-07_EL_02_LRS NSRP-DWG-LRS-EL-5181~5183	BUILDING MANAGEMENT SYSTEM Common to OCC and LRS Lighting Layout	As noticed in the drawing only the OCC and LRS Building Lightings have details pertaining to connection to BMS, please confirm if other building does not need BMS controlled lighting?  <p>•R4 - REMOTE CONTROL SWITCH 4L •R20 - REMOTE CONTROL SWITCH 20L</p> <p>NOTES</p> <ol style="list-style-type: none"> FOR GENERAL NOTES AND LEGEND REFER TO DRAWING NSRP-DWG-OCC-EL-5001. ALL LIGHTING FIXTURES CAN BE TURNED ON/OFF FROM REMOTE SWITCH AND BMS. ALL LIGHTING CIRCUITS ARE INSTALLED WITH REMOTE CONTROL RELAYS. REMOTE CONTROL SWITCH SHALL BE ADDRESS SETTING TYPE. THE SIGNAL CABLE FROM REMOTE CONTROL SWITCH TO DISTRIBUTION PANELS AND FROM EACH DISTRIBUTION BOARD TO THE BMS TERMINAL SHALL BE INSTALLED BY BMS SYSTEM. SIGNAL CABLE SPECIFICATIONS ARE CPV12-3P OR EQUIVALENT. 	Confirmed that other building does not need BMS lighting.
S-07	2	Electrical Bid Drawings	40 8	CP S-07_EL_01_OCC NSRP-DWG-OCC-EL-5281 NSRP-DWG-DSP-EL-5061	BUILDING MANAGEMENT SYSTEM Please refer to drawing (Substation 2)	Depot Sectioning Post BMS as indicated in the drawing. Please provide pay item.	Please refer to SCRP_TS 700_Annex A, Section 713 --- Building Management System (BMS) for the cost inclusions under BMS.
S-07	2	Electrical Bid Drawings	40	CP S-07_EL_01_OCC NSRP-DWG-OCC-EL-5281	BUILDING MANAGEMENT SYSTEM	Please verify the building indicated below which are not included in the package CP S-07. WS Building, WS Oil Storage, Shunting Car Shop, Security House 2, Substation 1, Underfloor cleaning Shop and Central Equip Room Bldg.	This building does not exist at the South Depot.
S-07	2	Electrical Bid Drawings	42	CP S-07_EL_01_OCC NSRP-DWG-OCC-EL-5290	BUILDING MANAGEMENT SYSTEM	Please provide sequence of operation of Building Management System interfacing to other equipment / systems.	BMS detailed design is part of specialist. For high level interfacing points list, coordination with different discipline should be done.
S-07	2	Sec. 2	NSRP_DWG_C NT_ME_6161	Book 2 (Architectural), 04_S07 MPFS	FANS	TEF-03 and TEF-04 are included in Fan Schedule kindly provide pay item. 	TEF-03 & TEF-04 was already included. Please refer to the Addendum 2 BOQ
S-07	2	Sec. 2	NSRP_DWG_L RS_ME_6105	Compressed Air Piping Details	Piping	Please verify what kind of fittings highlighted below for Compressed Air System, please provide specification. 	It is a Coupling. Please refer to Technical Specifications (TS 600 - Mechanical) section 627.2.5 - Air compressed System, Fittings, Couplings.
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 20201001	68	Bill of Quantites No. 4-1.1 OCC Building	POWER DISTRIBUTION PANEL BPP3, BPP4 & RLP2	Panel BPP3, BPP4 and RLP2, please provide specs, location & load schedule. Also, please provide pay item. 	Panels BPP3, BPP4, and RLP2 already deleted. Please refer to drawing NSRP-DWG-OCC-EL-5021; 5022; and 5041; rev. 21 Also, please refer to the BOQ issued in Addendum 2
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 20201001	69	Bill of Quantites No. 4-1.1 OCC Building	POWER DISTRIBUTION PANEL Panel for Signaling Communication Requirements (incl 50kVA UPS)	1. Please verify if the Panel for Signaling Communication are scope by others? If no please provide Panel board Load Schedule for Signaling Communication Requirements (incl 50kVA UPS). 	Scope is only supply of Panel for Signaling Communication, but load are scope of others.
S-07	2	Sec. 2, Book 2 (Architectural), 03_S07 ELEC	11	CP S-07_EL_01_OCC	UNDERGROUND CONDUIT	Please provide Underground Conduit Plan & Specifications. 	Refer to NSRP-DWG-DEP-EL-5101/5102/5103 rev21.1. Other underground conduits are designed by others but installed by civil works.

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S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 20201001	91	Bill of Quantities No. 4-1.2 Light Repair Shop	POWER DISTRIBUTION PANEL Panel Distribution Panel LP - UPS1	Panel LP - UPS1 is reflected in the drawing, please provide pay item and specification.	<i>please refer to NSRP-DWG-BPS-SN-7111 rev. 21.1</i>
S-07	1	1.3 CP S-07 Vol.1A Sec.4A BOQ 20201001	182	Bill of Quantities No. 4-1.17 Depot Bicycle Parking Shed	POWER DISTRIBUTION PANEL	In Depot Bicycle Parking Shed, the Panel Board reflected in the drawing, please provide pay item and specification.	<i>Panel Board is included in latest BOQ issued in Addendum 2, under Bill 4-2.18 --- Motorbike Parking Shed, Part F.5 as follows: PIN D706(17)a --- Distribution Board, Panel MPS - LP1 --- 1 assembly Panel board is common / shared between Bicycle Parking Shed (Bill 4-2.17) and Motorbike Parking Shed (Bill 4-2.18).</i>
S-07	2	TS 600 MECHANICAL / Volume 2	TS600 Pg.176	630.2.2.2	Sprinkler head K-factor	Please provide the K-factor of the Sprinkler heads (5.6 or 8)	<i>K-factor of the Sprinkler heads is 5.6</i>
S-07	2	Part 2 Sec. IC TS 600 Mechanical, Sanitary and Plumbing 637	page 210	Automatic Irrigation System	Automatic Irrigation System	Automatic Irrigation System is indicated in the Technical Specifications and BOQ, please provide complete details.	<i>Automatic Irrigation System is not part of the SOW and has been deleted in the BOQ issued in Addendum 2</i>
S-07	2	Part 2 Sec. IC TS 600 Mechanical, Sanitary and Plumbing	page 82	Pipeworks and Accessories	Condensate Drain Pipe	Please provide Material Specification for Condensate Drain Pipe.	<i>Condensate Drain Pipe shall be PVC series 1000.</i>
S-07	2	CP S-02_Vol-II Book-2_Arch- MPFS_DWGs_2 0201202	NSRP-DWG- ESP-PL-5851 NSRP-DWG- STM-PL-5851 NSRP-DWG- PAC-PL-5851	Water Tank Plan and Section	Water Tank Plan and Section	In the RC Water Tank the following items stated below are indicated in the plan, please provide pay item. 1. Equalizing Valve 2. Flexible Connectors 3. Wye Strainer 4. Float Control Valve	<i>Cost of the valves and accessories required to operate the Water Tanks are to be included in the cost of the Water Tank. Please refer to SCRP_TS 600_Annex A, Sub-Clause 617.1.1</i>
S-07	1	Part IA Sec. 4A - Bill of Quantities	Bill of Quantities No. 4- 2.17	N/A	Storm Drain System	Storm Drain System for Depot Bicycle parking Shed is indicated in the BOQ, please provide drawing plan.	<i>please refer to NSRP-DWG-BPS-SN-7111 rev. 21.1</i>
S-07	1	Part IA Sec. 4A - Bill of Quantities	Bill of Quantities No. 4- 2.18	N/A	Storm Drain System	Storm Drain System for Depot Motorbike parking Shed is indicated in the BOQ, please provide drawing plan.	<i>please refer to NSRP-DWG-MPS-SN-7111 rev. 21.1</i>
S-07	2	TS 600 MECHANICAL / Volume 2/ 04_CP S- 07_MFPS_OCC	NSRP-DWG-FS- 7762	603.6 CO2 Gas Suppression System	CO2 Gas Suppression System	In the drawings, novac 1230 at TER,SUR, and SER room is indicated while in BOQ the suppression system is CO2, please verify which will govern. If Yes, provide payitem for novac 1230.	<i>Use NOVEC 1230 automatic fire suppression for Basement, TER, SUR & SER. Use CO2 automatic fire suppression system for Electrical & Genset Room Fire Suppression System was already included. Please refer to the latest Addendum 2 BOQ, reference drwg. NSRP-DWG-OCC-FS-7701 Rev. 21</i>

CP S04-07 Responses to Clarification Requests (Batch 6)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	2	Sec. 2, Book 2 (Architectural), 03_S07 ELEC	31	CP S-07_EL_01_OCC	Remote Switch 4L Remote witch 20L	Please provide detail specifications for Remote Switch. 	<i>Specifications for Remote Switch to be added in TS 700 and issued in Addendum 2</i>
S-07	2	Sec. 2, Book 2 (Architectural), 03_S07 ELEC	4	Bill of Quantites No. 4-2.5 Oil Storage for Light Repair Shop	Photocell	Please provide detail specifications for Photocell. 	<i>Specification for the Photocell to be added in TS 700 and issued in Addendum 2</i>
S-07	2	TS 600 MECHANICAL / Volume 2/ 04_CP S-07_MFPS	NSRP-DWG-OCC-FS-7711/NSRP-DWG-OCC-FS-7721	N/A	Pipe size on 2nd to 5th level of OCC Building	Please provide the Pipe size for Pipe line connection of Sprinkler heads for the 2nd to 5th Level of OCC Building since there is no sizes indicated in the plan. 	<i>Please refer to riser nipple schedule NSRP-DWG-OCC-FS-7711,7721 Rev 21</i>
S-07	2	Part 2 Sec. 6 IC TS 600 - Mechanical, Sanitary and Plumbing 614.2.5	page 120-121 NSRP-DWG-FPH1-PL-6611 NSRP-DWG-LGS-PL-6611 NSRP-DWG-DHS-PL-6611 NSRP-DWG-LOS-PL-6611 NSRP-DWG-SH1-PL-6611 NSRP-DWG-TGB-PL-6611 NSRP-DWG-WPH1-PL-6611 NSRP-DWG-WPH2-PL-6611	Hose Bib	Hose Bib	Please confirm if the Hose bib is enclosed since valve box is indicated in the Technical Specifications but not enclosed in the drawing details.	<i>Bid Plans will prevail.</i>

CP S04-07 Responses to Clarification Requests (Batch 6)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	2	CP S-02_Vol-II Book-2_Arch- MPFS_DWGs_2 0201202	NSRP-DWG- CNT-PL-6611 NSRP-DWG- LRS-PL-6601 NSRP-DWG- LRS-PL-6611 NSRP-DWG- OCC-PL-6601 NSRP-DWG- OCC-PL-6611 NSRP-DWG- OCC-PL-6621 NSRP-DWG- OCC-PL-6631 NSRP-DWG- OCC-PL-6641 NSRP-DWG- OCC-PL-6651	Waterline Layout	Water Hammer	Kindly confirm if there is Water Hammer Arrestor for Cold Waterline, since it is reflected on Piping Isometric Layout and BOQ. Please verify conflict.	<i>Confirmed. There is Water Hammer Arrestor as indicated in the isometric.</i>
S-07						May we requested the Jet grouted Detail as showned in the Drawings.	<i>Jet grouting details can be found in drawing number NSRP-DWG-DEP-RD-1925.</i>
S-07		Vol. 2	SCRIP_Vol. 2 Part 2 Sec. IC TS 600 Mechanical 2020918.pdf	WASTE WATER TREATMENT PLANTS 618.2.4	Requirement for body of wastewater treatment plant. The body of proposed waste water treatment plant shall be consisted of FRP tank which is pre-fabricated in factory for the purpose of reducing the site installation period, in addition, the secondary reason is to attain the uniformity and stability of treated water quality and to prevent the leakage of wastewater for various Stations and Depots.	Could we propose Cast Iron for material or Conventional Concrete?	<i>Please refer to TS600-Machanical, Sanitary and Plumbing. No alteration is accepted.</i>
S-07		Vol. 2				Request for Site Development Plan for Electrical works	<i>The Site Development Plan for Electrical Works were already reflected in the drawings. Please refer to NSRP-DWG-DEP-EL-5101/5102/5103 rev. 21.1. Other underground electrical works such as encased ducts are work scope by others.</i>