



General Bid Bulletin No. 16
March 25, 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 8)
2. For Addendum 2, please follow the link:
<https://drive.google.com/drive/folders/15NiHJX6ZwJPPUKHVVTXwU3XRjKI6deIQ>

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 8)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	1	Section 4 Bidding form	Page 19	Key personnel		Regarding experience of BIM Coordinator, a project requires 12 years as total work experience. Please clarify that this total 12 years experience means construction work or only for BIM work.	<i>Please refer to Addendum 2.</i>
S-04	3	Volume 3 Section 8 PCC	PCC-4	Part A – Contract Data 14.1	The following sentence under Clause 14.1 shall not apply: Notwithstanding the provisions of subparagraph (b), Contractor’s Equipment, including essential spare parts therefor, imported by the Contractor for the sole purpose of executing the Contract shall be exempt from the payment of import duties and taxes upon importation.	Does this reference test means import duties and taxes should be imposed to all items which imported for the Work? And bidder should include that tax in the bid price?	<i>The Contractor does not pay for import taxes. Contractor needs to submit in advance a list of items to be imported monthly to DOTr, then DOTr will issue a Certificate of Undertaking to the Bureau of Customs.</i>
S-04	2	Sec.6	GS17	108.2 Vehicles and Motorcycles for the Engineer’s Inspectors	The vehicles and motorcycles shall be solely for the use of the Employer and the Engineer and shall remain available until the end of the Defects Notification Period.	Please provide the exact numbers of vehicles and motorcycles during the Defects Notification Period.	<i>Bidder is referred to revised GS Appendix 5 in Addendum 2</i>
S-05	3	Section 8 PCC	PCC-4	Part A – Contract Data 14.1	The following sentence under Clause 14.1 shall not apply: Notwithstanding the provisions of subparagraph (b), Contractor’s Equipment, including essential spare parts therefor, imported by the Contractor for the sole purpose of executing the Contract shall be exempt from the payment of import duties and taxes upon importation.	Does this reference test means import duties and taxes should be imposed to all items which imported for the Work? And bidder should include that tax in the bid price?	<i>The Contractor does not pay for import taxes. Contractor needs to submit in advance a list of items to be imported monthly to DOTr, then DOTr will issue a Certificate of Undertaking to the Bureau of Customs.</i>
S-05	2	Sec.6	GS17	108.2 Vehicles and Motorcycles for the Engineer’s Inspectors	The vehicles and motorcycles shall be solely for the use of the Employer and the Engineer and shall remain available until the end of the Defects Notification Period.	Please provide the exact numbers of vehicles and motorcycles during the Defects Notification Period.	<i>Bidder is referred to revised GS Appendix 5 in Addendum 2</i>
S-06	3	Section 8 PCC	PCC-4	Part A – Contract Data 14.1	The following sentence under Clause 14.1 shall not apply: Notwithstanding the provisions of subparagraph (b), Contractor’s Equipment, including essential spare parts therefor, imported by the Contractor for the sole purpose of executing the Contract shall be exempt from the payment of import duties and taxes upon importation.	Does this reference test means import duties and taxes should be imposed to all items which imported for the Work? And bidder should include that tax in the bid price?	<i>The Contractor does not pay for import taxes. Contractor needs to submit in advance a list of items to be imported monthly to DOTr, then DOTr will issue a Certificate of Undertaking to the Bureau of Customs.</i>

CP S04-07 Responses to Clarification Requests (Batch 8)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	Sec.6	GS17	108.2 Vehicles and Motorcycles for the Engineer's Inspectors	The vehicles and motorcycles shall be solely for the use of the Employer and the Engineer and shall remain available until the end of the Defects Notification Period.	Please provide the exact numbers of vehicles and motorcycles during the Defects Notification Period.	<i>Bidder is referred to revised GS Appendix 5 in Addendum 2</i>
S-07	1	Section 3 Evaluation and Qualification Criteria (EQC)	EQC 23	2.4.1 Contracts of Similar Size and Nature	3. At-grade/elevated land transport depot project constructed on a filled site.	What is the definition of land transport depot and what are the components? We have a land transport facility where our delivery trucks, equipment, vehicles are housed with maintenance and fuel support facilities. Will this qualify? Please confirm.	<i>Please refer to the revised EQC to be issued under Addendum 2. The quoted facility can be defined as a depot for land transport, but please take note of other requirements as well.</i>
S-07	1	Section 3 Evaluation and Qualification Criteria (EQC)	EQC 23	2.4.1 Contracts of Similar Size and Nature	3. At-grade/elevated land transport depot project constructed on a filled site.	Railway Depot is a maintenance facility with administration offices. Can a steel fabrication plant with land transport and maintenance facility, administration building and offices qualify as a land transport depot equivalent? Please confirm.	<i>Steel fabrication plant cannot be defined as a land transport depot project</i>
S-07	1	Section 3 Evaluation and Qualification Criteria (EQC)	EQC 24	Clause 2.4.2 Construction Experience in Key Activities	1. Construction of major retaining structures at least 8m high of at least 500 m. length.	What is the definition of a retaining structure at least 8 m high? Can this be a steel sheet pile, reinforced concrete retaining wall, diaphragm wall, water reservoir, basement concrete walls of a building, rock slope protection or sea wall? Please confirm.	<i>Please refer to revised EQC to be issued under Addendum 2</i>
S-07	1	Section 3 Evaluation and Qualification Criteria (EQC)	EQC 24	Clause 2.4.2 Construction Experience in Key Activities	2. At least one (1) project that included major filling with selected material of at least 750,000 m3 and 7.5m deep including compaction in layers within a 3 year period.	This project reference caters to a reclamation project more than a railway depot. The filling works whether it is a 3m or 7.5m deep embankment has the same methodology of filling and compaction. Please consider a minimum of 3m high filling works. Please confirm.	<i>Please refer to revised EQC to be issued under Addendum 2</i>
S-07	1	Section 4	BF 39	BIM and CMMS Implementation	The Contractor is required to develop the BIM to level LOD 500 for as-built drawings(...)	What is the exact definition of level LOD 500? Please provide guideline, specification and/or sample LOD 500 model to clarify the level of detail that the as-built deliverables should comply with.	<i>BIM Management Information Flow document will be part of Addendum 2 as GS Appendix 15.</i>

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S-07	1	Section 4	BF 39	BIM and CMMS Implementation	The Contractor is required to develop the BIM to level LOD 500 for as-built drawings(...)	According to ITB, the Employer will provide BIM design at level LOD 300 1.Is it 2-D design or 3-D design? 2.Which SW program is used for BIM design LOD 300? (ex. AUTODESK Revit) 3.Which information is included in LOD 300 and how much is detail information included? Ex) assembly accurate, sequences in terms of quantity, size, shape, location, and orientation and etc, except installation information. During the construction stage, Contractor shall manage the PMIS/CMMS based on Aconex as specified in Appendix 9. Does the bidder understand correctly?	<i>BIM Management Information Flow document will be part of Addendum 2 as GS Appendix 15.</i>
S-06	1	Section 3	EQC 25	2.4.2/ Construction Experience in Key Activities	If the Bidder's construction experience is a part of a prior Joint Venture, only the Bidder's designated scope of works, under the contracts presented to satisfy the requirements stated here, shall be considered to meet this requirement.	Regarding this clause, the bidder has a satisfied construction experience as a JV Leader with more than 50% of share. During the construction period, the bidder managed and controlled the whole works including Key activities and overall site operation of the project as a leading company. However, if the bidder's portion is only arithmetically applied on the experience, the applied experience record slightly does not meet the required numbers. (e.g. Bidder has a viaduct construction experience more than 6km as a JV Leader with 55% of share.) In this case, please confirm that the bidder's Key Activities are satisfied.	<i>If the Bidder's construction experience is as a Lead Joint Venture partner in an Integrated Joint Venture and the Bidder has been managing in all aspects of the works in the contract, the Bidder may claim the experience in such contract to satisfy the requirement stated here. Otherwise, the Bidder shall demonstrate in full details that Bidder's designated scope of works in the Joint Venture can satisfy the requirement stated here.</i>
S-06	1	Section 3	EQC 25	2.4.2/ Construction Experience in Key Activities	<Requirement> For the above or other contracts executed during the period stipulated in 2.4.1 above, a minimum construction experience in the following key activities: 4. 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.	The Requirement 4 of the construction experience in key activity in Clause 2.4.2, Section 3 Evaluation and Qualification, which is the requirement of construction experience for Viaduct works, states as in the left column. Normally, a Specialist Subcontractor for Viaduct works has an experience of Viaduct work only and does not have enough experience of the substructure works such as bored or pre-cast piling, R/C pile caps and piers. Is it all right that the experience of the Viaduct works relied on the Specialist Subcontractor and the experience of the substructure works relied on the Bidder or another Specialist Subcontractor? (e.g. Specialist Subcontractor A for superstructure works + Bidder or another Specialist Subcontractor B for substructure works at each different project)	<i>Please refer to revised EQC issued under Addendum 2</i>
S-05	1	Sec.4	45	BIM and CMMS Implementation	BIM design at level LOD300	What Authoring Tool was used to create the design model for LOD300? (ex. Autodesk Revit, Bentley OpenRail, Tekla etc..)	<i>The successful Contractor shall utilize software which is compatible with, interoperable, and equivalent, with the Engineer's with the software programme (currently Autodesk Revit 2020)</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2				BIM Requirement	Detailed BIM Requirements are missing within the GS. Please clarify the requirements of BIM.	<i>BIM Management Information Flow document will be part of Addendum 2 as GS Appendix 15.</i>
S-06	1	Sec.4	45	BIM and CMMS Implementation	BIM design at level LOD300	According to "BIM and CMMS Implementation", Contractor must update the design model of the LOD300 to the As-built model of the LOD500 after the award. If we can see the current status of the LOD300 design model that we have to update after the award, we can accurately plan the model development and calculate the cost of input. Can you share the design model of the LOD300?	<i>LOD 300 model will be provided to the winning Bidder.</i>
S-06	1	Sec.4	45	BIM and CMMS Implementation	BIM design at level LOD300	What Authoring Tool was used to create the design model for LOD300? (ex. Autodesk Revit, Bentley OpenRail, Tekla etc..)	<i>The successful Contractor shall utilize software which is compatible with, interoperable, and equivalent, with the Engineer's with the software programme (currently Autodesk Revit 2020)</i>
S-06	2				BIM Requirement	Detailed BIM Requirements are missing within the GS. Please clarify the requirements of BIM.	<i>BIM Management Information Flow document will be part of Addendum 2 as GS Appendix 15.</i>
S-06	2	Section 6		DWG: NSRP-DWG-VIA00-ST-1271		Please kindly advise the extent where noise barrier should be installed on the viaduct structures.	<i>There is no noise barrier in CPS-06.</i> <i>Note comprehensive study was carried out to assess noise impacts from the proposed Project. Section 3.3.3 of the EIS discusses the Noise assessment for the SC Project (Appendix 6D – Baseline Environmental Conditions, Impact Assessment & Mitigation of the Bidding Documents). The detailed Noise and Vibration Analysis Report refer to Annex Volume III of the EIS.</i>

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S-04	2	2.2 SCRP General Specification	GS 46	117.4 The Contractor's Site Safety Plan	As a part of the Bid, the Contractor shall provide an outline "Site Safety Plan" (as described within ITB Technical Proposal Requirements: I-Safety Management, based upon the requirements of this Specification and Appendix 3 hereto, and the "Guidance for the Management of Safety for Construction Works" published by the Japan International Cooperation Agency (JICA), and demonstrate how that will be developed for this Package to make it site specific.	Please confirm if Safety Management will be based on "Guidance for the Management of Safety for Construction Works" published by the JICA	<p><i>Safety Management shall be based on the following:</i></p> <p><i>a) Local Occupational Safety and Health Standards;</i></p> <p><i>b) JICA Guidance for Management of Safety for Construction Works; and</i></p> <p><i>c) ADB Environment Safeguards.</i></p> <p><i>Which are detailed contents of the IFC General EHS Guidelines referenced as applicable in GS 117.</i></p>
S-07	1	Section No.3	Page No. 60 (EQC 23)	2.4.1 Contracts of Similar Size and Nature	1. Road or Railway project of continuous nature, where the value of the Bidder's participation exceeds One Hundred and Fifty Million US Dollars (US\$ 150,000,000).	Does the Criteria of "the value of \$150 million US Dollars" apply to Road or Railway projects, or is it limited to "The similar work (iii)" and so, only Depots projects with similar construction characteristics?	<p><i>Please refer to revised EQC to be issued under Addendum 2</i></p>
S-07	1	Part I Section 3 Evaluation and Qualification Criteria (EQC)	EOC 23 (page 60/63) EOC 24 (page 61/63)	2.4 Construction Experience 2.4.1 Contracts of Similar Size and Nature	7	<p>2.4.1 Contracts of Similar Size and Nature</p> <p>For the similar work as specified in EOC, ITD hasn't been successfully or substantially completed within in last ten years. as requirements, the bidder shall have 3 ma</p> <p>Question</p> <p>1. Shall the similar works be necessary including in one contract?</p> <p>2. Could we please to proposed our project J.2307 Construction of Satellite Building (B2,B1 and G Floor),Aircraft Aprons and South Tunnel Extension for Suvarnabhumi Airport Expansion Project? And we pleased to inform our project J.2307 detail both the certificate of completion and List of project reference table that the contract price is more than 150 MUSD)</p>	<p><i>Please refer to the revised EQC issued under Addendum 2</i></p>

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S-07	1	Part I Section 3 Evaluation and Qualification Criteria (EQC)	EOC 23 (page 60/63) EOC 24 (page 61/63)	2.4 Construction Experience 2.4.2 Construction Experience in Key Activities	For the above or other contracts executed during the period stipulated in 2.4.1 above, a minimum construction experience in the following key activities: 1. Construction of major retaining structures at least 8m high of at least 500 m length 2. At least one (1) project that included major filling with selected material of at least 750,000 cu.m. 7.5 m deep including compaction in layers within a 3 year period 3. Construction of at least 10,000 cu.m. ground floor area of concrete framed buildings on deep filled sites using piled foundation	2.4.2 Construction Experience in Key Activities Question 1.For the Key Activities article 2 , Could we please to proposed our project Construction of Satellite Building (B2,B1 and G Floor),Aircraft Aprons and South Tunnel Extension for Suvarnabhumi Airport Expansion Project? (see attachment for CP S-07 clause : Construction Experience in key activities article 2) 2.For the Key Activities article 2 , Could we please to proposed our project job no. 1135 Construction of Ground Improvement for Airside Pavement (November 1997- April 2002)? (Provided in PDF file " List of Reference Project.pdf ")	<i>Please refer to the revised EQC issued under Addendum 2</i>
S-07	Volume -1 (Part-1) Bidding procedures	Section 3	EQC-23	2.4.1 - Construction Experience- Contracts of Similar Size & Nature	Participation as a contractor, JV partner, or subcontractor, in at least one contract ----- At-grade/elevated land transport Depot project constructed on a filled site	Kindly confirm that the identified 03 activities in this clause viz a viz 1. Road or Railway project of continuous nature, where the value of the Bidder's participation exceeds One Hundred and Fifty Million US Dollars (US\$ 150,000,000). 2. A civil works contract including earth works and concrete works of minimum Twenty Million US\$ Dollars (US\$20,000,000). 3. At-grade/elevated land transport Depot project constructed on a filled site. can also be met through 02 or 03 different contracts but each activity met through single contract.	<i>Please refer to revised EQC issued under Addendum 2</i>
S-07	Volume -1 (Part-1) Bidding procedures	Section 3	EQC-23	2.4.1 - Construction Experience- Contracts of Similar Size & Nature	Participation as a contractor, JV partner, or subcontractor, in at least one contract ----- At-grade/elevated land transport Depot project constructed on a filled site	We request for activity No. 3 depot construction for Modern Railway Coach factory should also be allowed for the work of similar physical size & complexity. As Modern Railway Coach factory construction also involves construction of large span Pre-Engineered sheds, circulating areas, staff amenities, road, MEP works, Instrumentation (supply, testing & commissioning) etc.	<i>Please refer to revised EQC issued under Addendum 2</i>
S-07	Volume -1 (Part-1) Bidding procedures	Section 3	EQC-24	2.4.2 - Construction Experience- Construction Experience in Key Activities	For the above or other contracts executed during the period stipulated in 2.4.1 above, a minimum construction experience in the following key activities: 1. Construction of major retaining structures at least 8m high of at least 500 m length	We request that minimum length requirement of 500 m in this clause may be reduced to 250 m as agency capable of construction 250 m long retaining wall can always construct longer length as it just need augmentation of same kind of resources, as required for shorter length.	<i>Please refer to revised EQC issued under Addendum 2</i>

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S-07	Volume -1 (Part-1) Bidding procedures	Section 3	EQC-24	2.4.2 - Construction Experience- Construction Experience in Key Activities	For the above or other contracts executed during the period stipulated in 2.4.1 above, a minimum construction experience in the following key activities: 3. Construction of at least 10,000 m3 ground floor area of concrete framed buildings on deep filled sites using piled foundation	Kindly clarify whether the requirement in this clause is for at least 10,000 Sqm of ground floor area or at least 10,000 Cum of concrete at Ground floor level. We request concrete framed buildings and/or Pre- Engineered buildings on deep filled sites should be considered in this key activity. Kindly confirm this requirement can be met through more than one contract during the stipulated period.	<i>Please refer to revised EQC issued under Addendum 2</i>
S-06	1	3	EQC 25	2.4.2/ Construction Experience in Key Activities	For the above or other contracts executed during the period stipulated in 2.4.1 above, a minimum construction experience in the following key activities: 4. 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.	The bidder is considering to organize the JV with 2 members (e.g. A & B). A member meet a part of Requirement 4 in 2.4.2 Construction Experience in Key Activities. (Only Superstructure : Viaduct works for Railway or Road (Expressway or Motorway) more than 4 km using precast span by span techniques.) B member meet a part of Requirement 4 in 2.4.2 Construction Experience in Key Activities. (Only Substructure : bored or precast piling and construction of reinforced concrete pile caps and piers) Bidders understand that the JV(A&B) meet the Requirement 4 of 2.4.2 in Evaluation and Qualification Criteria. Please clarify it.	<i>Please refer to the revised EQC issued under Addendum 2</i>
S-05	1A	Section 4A	-	GS118(4) PS-1	GS118(4) Time related charges for Archaeological Monitoring 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).	The item number GS118(4) of the Bill No.1 is deemed to be included in PS-1 of the Provisional sum. However, the item is not indicated "Provisional sum" on the Bill No.1. If a coverage of these 2 items is different, please clarify the coverage of each item. Most of the structures and the bridges shown on a list of the Appendix 2 are deemed to be included in the Provisional Sum. Please clarify the structures which are included in the Provisional Sum. GS119 and GS133 of Bill No.1 are indicated as "Included in other BOQ items". But there are subordinate items belong to GS119 and GS133. Please clarify whether the subordinate items are deemed to be included in other BOQ, or the subordinate items shall be priced. Between P717 and 718, the piles, pile-caps and columns of station locates on the road. Clarification to the arrangement is required.	<i>1. Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to bidders in addendum 3. 2. The Bidder's clarification request, re: the piles, pile-caps and columns of station locates on the road as shown in NSRP-DWG-VIA05-ST-0016 Rev 21</i>

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S-05	2	Section 6	-	Appendix 2	SCRCP CP S-05 - List of Historical Sites - Database	Most of the structures and the bridges shown on a list of the Appendix 2 are deemed to be included in the Provisional Sum. Please clarify the structures which are included in the Provisional Sum.	<i>1. Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to bidders in addendum 3.</i> <i>2. The Bidder's clarification request, re: the piles, pile-caps and columns of station locates on the road as shown in NSRP-DWG-VIA05-ST-0016 Rev 21</i>
S-06	1A	Section 4A	-	GS118(4) PS-1	GS118(4) Time related charges for Archaeological Monitoring 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).	The item number GS118(4) of the Bill No.1 is deemed to be included in PS-1 of the Provisional sum. However, the item is not indicated "Provisional sum" on the Bill No.1. If a coverage of these 2 items is different, please clarify the coverage of each item. Most of the structures and the bridges shown on a list of the Appendix 2 are deemed to be included in the Provisional Sum. Please clarify the structures which are included in the Provisional Sum. GS119 and GS133 of Bill No.1 are indicated as "Included in other BOQ items". But there are subordinate items belong to GS119 and GS133. Please clarify whether the subordinate items are deemed to be included in other BOQ, or the subordinate items shall be priced. Between P717 and 718, the piles, pile-caps and columns of station locates on the road. Clarification to the arrangement is required.	<i>1. Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to bidders in addendum 3.</i> <i>2. The Bidder's clarification request, re: the piles, pile-caps and columns of station locates on the road as shown in NSRP-DWG-VIA05-ST-0016 Rev 21</i>
S-07	2	Section 6	Page 3	Sketch 5.1.2.1 - Engineer's Office Layout		It mentions that "the Contractor shall provide suitable temporary accommodation to be agreed by the Engineer" Please clarify that how many numbers of temporary accommodation shall be provided and how is the required quality of temporary accommodation (Temporary on Site or accommodation nearby Project Site?)	<i>Bidder is referred to revised GS Appendix 5 in Addendum 2</i>
S-07	1	Vol.1 Sec3	EQC23	Criteria- Requirement in the schedule	The similar work(iii) shall mean a project including the following works: 1. Road or Railway project of continuous nature, where the value of the bidder's participation exceeds One Hundred and Fifty Million US Dollars (US\$ 150,000,000) 2. A civil works contract including earth works and concrete works of minimum twenty Million US\$ Dollars (US\$ 20,000,000) 3. At-grade/elevated land transport Depot project constructed on a filled site	Three different types of work (1, 2, and 3 as in the schedule) were suggested to explain the meaning of the 'similar work' Please clarify if a single project should meet all these three requirements. In other words, please confirm if a single project which contains either of those three different works in its scope can be deemed as compliant with experience requirement.	<i>Please refer to revised EQC to be issued under Addendum 2.</i> <i>Please note that the Bidder shall have a single contract/project meeting all the requirement.</i>

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S-07	1	Vol.1 Sec3	EQC23	Criteria- Requirement in the schedule	The similar work(iii) shall mean a project including the following works: 2. A civil works contract including earth works and concrete works of minimum twenty Million US\$ Dollars (US\$ 20,000,000)	Regarding no. 2 requirement, please confirm whether the US\$ 20,000,000 cost is (1) specifically for the earthworks and concrete works activities in the project or (2) for the project contract value as a whole scope of work. If the US\$ 20,000,000 requirement is intended for the earthworks and concrete works in a project only, please confirm what would be the acceptable evidence to demonstrate the worth of these works given that the construction certificate and/or payment certificate is in general issued for the whole scope of works rather than for the specific work activity.	<i>Please refer to updated EQC to be issued under Addendum 2. Also, refer to Note (i) of EQC 2.4.1.</i>
S-07	1	Vol.1 Sec3	EQC23	Criteria- Requirement in the schedule	The similar work(iii) shall mean a project including the following works: 1. Road or Railway project of 2. A civil works contract including earth works and 3. At-grade/elevated land transport Depot project constructed on a filled site Notes : (iii) The similarity of the contract(s) in which the Bidder participated shall be based on the physical size, nature of works, complexity, methods, technology or other characteristics of the contract as compared with those Works described in Part II – Requirements, , Section 6 – Employer’s Requirements, “IA- Scope of Works”.	As the similar nature of the works, ‘At-grade/elevated land transport Depot project constructed on a filled site’ is suggested in the schedule. And it is also noted that ‘the similar work’ in the statement was associated with the footnote (iii) which allows wider interpretation of the similarity of the works. In relation to the interpretation of ‘Depot project constructed on a filled site’, please confirm if the Depot project which is not on a filled site or partially on a filled site can be regarded as meeting this experience requirement. Or please confirm if the Client would require the Bidder to meet this experience requirement strictly to the language of ITB (i.e whole footprint of Depot should be sitting on the filled site)	<i>Please refer to updated EQC to be issued under Addendum 2.</i>
S-07	1	Vol1 Sec3	EQC24	Criteria – Requirement in the schedule	1. Construction of major retaining structures at least 8m high of at least 500 m length	Please confirm the following queries (1) if a single project should have the 500m long retaining structure (2) if such 500m long retaining structure should be continuous in nature (3) if the 8m height requirement is for the highest height or the average height	<i>Please refer to updated EQC to be issued under Addendum 2.</i>
S-07	1	Vol1 Sec3	EQC24	Criteria – Requirement in the schedule	2. At least one (1) project that included major filling with selected material of at least 750,000 m ³ 7.5m deep including compaction in layers within a 3-year period	Please confirm if the 7.5m height requirement is for the average height or the highest height.	<i>Please refer to updated EQC to be issued under Addendum 2.</i>
S-07	1	Vol1 Sec3	EQC24	Criteria – Requirement in the schedule	3. Construction of at least 10,000 m ³ ground floor area of concrete framed buildings on deep filled sites using piled foundation	The ground floor area requirement is suggested as 10,000 m ³ . Please confirm the unit of ground floor area is correct.	<i>Please refer to updated EQC to be issued under Addendum 2.</i>

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S-05	1	Volume 1, Section 4A, Bill of Quantities	-	-	-	Based on the contractor's review on the ITB, the basis of the Bill of Quantity (BoQ) associated with the excavation does not appear any of the drawings shown. The contractor would like kindly to request providing the basis of BoQ associated with the excavation.	<i>Please refer to Volume 2, 02_Book 1 (Civil) for the drawing references related to the Viaduct, Drainage and Roads. Also refer to Volume 2, 02_Book 2 (Architectural) for the reference drawings related to the Stations / Buildings Details. Calculate the earthworks / excavation works based from the appropriate Book 1 (Civil) drawings in conjunction with the Technical Specifications, TS 100; and the whole of Section 102 - Excavation. For the Structure Excavation, calculate the volume of works based from the appropriate Book 2 (Architectural) drawings in conjunction with the Technical Specifications, TS 200; and the whole of Section 201-Structure Excavation and Backfill.</i>
S-05	2	Volume 2, Section 6, II Drawings(Civil/Maintenance Road)	-	DWG No. NSRP-DWG-VIA00-ST-1401	-	38.5 THK Rubber strip glued to steel pin appears in DWG No. NSRP-DWG-VIA00-ST-1401. However, the material specification associated with the rubber does not appear in any of the document given to the bidder. Please provide the material specification for the rubber.	<i>Drawings to be updated indicating rubber properties: Durometer Hardness = 60 Shear Modulus, G = 0.9MPa Bulk Modulus, B = 2000 Mpa NSRP-DWG-VIA00-ST-1401 will be issued as Addendum 3</i>
S-05	2	Volume 2, Section 6, II Drawings(Civil/Maintenance Road)	-	DWG No. NSRP-DWG-VIA00-ST-0063, NSRP-DWG-VIA00-ST-1301	-	The Bidder understands that OCS poles will be installed on the girder with having regular distances. However, there is no indication where OCS poles will be installed. If the bidder does not need to account for the OCS poles within the scope of work by the Civil Contractor, it would be okay. If not, the Bidder kindly requests the Client to provide the locations of OCS poles.	<i>OCS pole location will be provided to bidders in Addendum 3</i>
S-05	2	Volume 2, Section 6, II Drawings(Civil/Maintenance Road)	-	DWG No. NSRP-DWG-VIA00-ST-0801	-	According to the referred drawing in the ITB, the contractor needs to start up the casting from Segment No. 15. Would you please clarify if we are allowed to switch the sequence of the casting of the precast segment?	<i>The final casting sequence shall be agreed with the Engineer and shall follow the principles of "match casting" and either the short or longline casting methods. The method proposed by the contractor shall be fully capable of controlling the geometry of the superstructure both horizontally and vertically during the casting operation.</i>
S-05	2	Volume 2, Section 6, II Drawings(Civil/Maintenance Road)	-	DWG No. NSRP-DWG-VIA00-ST-1501~1561	-	From the referred drawings in between Drawing No. 1501 and No. 1561, there are items that may belong to the E&M systems and Track works (i.e., out of the scope of work within CP S-06). Would you please clarify these items within referred drawings included in this work scope.	<i>Yes, the trackworks and the equipment on top of the slab are part of E&M and Trackworks. The details are shown as reference for the deck widening for Electronic Point Machine, Impedance Bond and Shunting Signal.</i>

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S-05	2	Volume 2, 01 Specification, 02 TS	TS200-126	TS 206.18.4.3 Form Travelers for Balanced Cantilever Construction	Segmental balanced cantilever construction shall be carried out using form travelers with steel formwork.	According to the TS, it is required to use the steel form for the construction of Balanced Cantilever (BC) bridge. Based on the Bidder's experience, it is feasible to utilize wooden forms to build up the BC bridge in general in accordance with the technical specification given in the ITB. Please clarify if the Bidder is allowed to adopt this deviation of the specification.	<i>The falsework can be either steel or timber. However, the liner (forming the concrete surface) shall be steel or plywood and accurately aligned to produce an even smooth surface.</i> <i>The exposed surface shall be free of timber grain patters, nail holes and joints.</i>
S-05	2	Volume 2, Section 6, II Drawings(Civi l/Maintenance Road)	-	DWG No. NSRP- DWG- VIA05-ST-0101	-	The pier reinforcement type for Pier 689~692 is designated as Type 31 in Drawing No. NSRP-DWG-VIA05-ST-0101. However, Pier reinforcement type 31 does not appear in any of the Drawing Nos between NSRP-DWG-VIA05-ST-0603 and NSRP-DWG-VIA05-ST-0608 where all the Pier reinforcement type appears. Please provide the reinforcement drawings for Type 31.	<i>Pier Type P1 - Type 31 pier reinforcement, details shall be provided.</i> <i>Drawing number NSRP-DWG-VIA00-ST-0609 will be revised and issued in Addendum 3</i>
S-05	1	Volume 1, Section 1	ITB 20.1	C Preparation of Bids,	In addition to the original Bid, the number of copies is Five (5) copies together with Two (2) complete digital copies contained on DVDR disc in Portable Document format (.pdf) and the Bill of Quantities in workable spreadsheet format (.xls/.xlsx). The electronic documents shall be scanned from the "Original" signed document and arranged and indexed in exactly the same manner. Should any discrepancy be found in the electronic copies, the content of the "Original" paper copy shall prevail. The bidder shall also include 2 digital copies of the bid program prepared in accordance with Section 4 Technical Proposal, Construction Schedule.	Please provide the definition (or elaborate) of "bid program" which is requested to be included as a part of digital copies for the bid submission.	<i>The "Bid Program" refers to the Construction Schedule as required under Section 4 Technical Proposals - Programming Proposals - Construction Schedule</i>

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S-05	2	Volume 2, 01 Specification, 01 GS	GS 131	131.1 General	<p>Construction activities in the vicinity of any PNR operating railway line and railway protection and safety zones can cause accidents or damage to the existing railway, ...</p> <p>Activities in the vicinity of</p> <p>Safety considerations shall be adopted</p> <p>Whenever work is to be conducted in close proximity to live railways, the following ...</p> <p>For Specific PNR conditions refer to Appendix 6 – Works in the Vicinity of the Philippines National Railway.</p>	<p>Although the reference text indicates that Appendix 6 Works in the Vicinity of the Philippines National Railway is provided within ITB, the Bidder is not able to locate the referred Appendix 6. The Bidder kindly request the client to provide such document.</p>	<p><i>Please refer to revised GS 131.4</i></p>
S-05	2	Volume 2, 01 Specification, 01 GS	GS 131	131.3 Reference Plans	<p>The Contractor shall request from the PNR plans defining the railway protection and safety zones.</p> <p>The Contractor shall ensure that no works of any kind are carried out within the railway protection and safety zones without prior approval and that all necessary measures are correctly put into place and managed to ensure safe working at all times.</p>	<p>It is mentioned that the Contractor shall follow the railway protection and safety zones defined by PNR. In order to account for the railway protection and safety zones defined by PNR during the tender stage, the Bidder would like to kindly request such document for the consideration.</p>	<p><i>Please refer to revised GS 131.4</i></p>
S-05	1	Volume 1, Section 4	BF 7	Schedule	-	<p>Considering work to be completed by the contractor, it is the contractor's understanding that the work would need several items that are not included in the BoQ. For example, the contractor expects to perform site access preparations, sheet pile cofferdams, alignment Service track, berms setup and removal, etc. However, these items are not included in the BoQ given within the ITB. The Bidder was wondering if such omitted items could be added within the BoQ as a part of the proposal.</p>	<p><i>The Bidder is advised to read and evaluate the Bidding Documents in whole. Please refer to the third paragraph of the General Specifications, GS 101, which states that "The Scope of Works (SOW) and the General Specifications (GS) shall be read in conjunction with the General Conditions of Contract (GCC), the Particular Conditions of Contract (PCC), the Technical Specifications (TS), the Employer's Drawings and any other documents forming part of the Contract". As a sample, for the cofferdams and related works, In conjunction with the BOQ and Drawings, Please refer to the Technical Specifications, TS 200, and the whole of Section 203 - Temporary Works.</i></p>

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S-05	3	Volume 3, Section 8	PCC 3	PCC 6.5	-	<p>According to PCC 6.5, works on the site is permitted 24 hours per day, 7 days per week. For this, the bidder may consider to work out of regular hours per day. However, working out of regular hours for the bidder would result in the Engineer (i.e., any associated engineers working for the Client) working out of regular hours such as the work incurred for witnessing the work activity by the contractor.</p> <p>The Bidder was wondering if the Bidder needed to cover the salary of the Engineer incurred due to the Contractor working overtime. Please clarify.</p>	<p><i>No. The Contractor will not be required to cover the salary of the Engineer. However, the Contractor will be required to provide the Engineer advance notice of out of hours working</i></p>
S-05	1A	Volume 1A, Section 4A	-	BILLS OF QUANTITIES (BOQ)	-	<p>Other than large creeks (as shown in the ITB drawings) along the project alignment, the contractor is expected to install culverts / drainages across the alignment (i.e., East side<--> West side) where the small creeks exist (e.g., Cor CP05, refer to Drawing No. NSRP-DWG-VIA05-ST-0037 where the creek exist between P-904 and P-905 and for CP06, refer to Drawing No. NSRP-DWG-VIA06-ST-0015 where the creek exist between P-1015 and P-1016). However, quantities associated with these types of culverts / drainages do not appear within the BoQ. This may imply that the contractor is able to disconnect these small creeks across the alignment. Please clarify if there is any drainage / culvert across the alignment. If so, the contractor kindly request the Client to provide the BoQ / basis for all such</p>	<p><i>1) Yes, there are drainage/culvert across the alignment. Details were reflected in At-Grade Mainline Drainage Drawings.</i></p> <p><i>2)The BOQ shall be revised to include Drainage across the alignment under the Bill No. 5 - Drainage System and River Bank Protection. Updated BOQ shall be issued as Addendum 2.</i></p>
S-05	1	Volume 1, Section 1	ITB 13	Format and Signing of Bid	-	<p>In regards to the bid documentation and the submission of original copies, the Bidder kindly request the client to clarify the following:</p> <ol style="list-style-type: none"> Whether or not the submission is required to be printed based on single sided or double sided copy. Whether or not the all of the submitted document pages are required to have the signature on every single printed page, especially including the method statement. 	<p><i>1. No specific requirement.</i></p> <p><i>2. All to be signed in accordance with requirements stated in the Bidding Documents.</i></p>
S-05	1	Volume 1, Section 1	ITB 13	Sealing and Marking of Bids	-	<p>Considering the size of the original copy to be printed for the submission, the contractor was wondering if the contractor would be able to submit the original copy more than one box instead of one envelope. The Bidder can instead mark up "Original 1/2" and "Original 2/2", etc so that the Client can easily recognize the order of the document within the submission.</p> <p>Please confirm if submitting the bid proposal in a separate box is acceptable to the Client.</p>	<p><i>Considering size and volume of documents to be printed for the Bid, Bidder is allowed to submit Bids in multiple boxes. "One/Single Envelope" would refer to the procedure for Opening and Evaluation of Bids.</i></p>

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S-05	2	Volume 2, Section 6, II Drawings	-	NSRP-DWG-VIA00-ST-0402	-	<p>As per "crack control recommendation" on Drawing No. NSRP-DWG-VIA00-ST-0402, maximum temperature of the concrete mixture at the the time of concrete pouring is provided as follows:</p> <ul style="list-style-type: none"> - Pier Column and Head Stock at 24°C for 40 MPa - Pile Caps at 28°C <p>However, the technical specification shown in TS 206.8.1 indicates that the maximum temperature of the concrete mixture at the time of concrete pouring shall be limited to 30°C . In addition, DPWH Standard specifies that the maximum temperature of the concrete mixture at the time of concrete pouring shall be limited to 32°C.</p> <p>The Bidder would like the Client kindly to clarify if the Bidder can follow the technical specification (i.e., 30°C) or the DPWH standard (i.e., 32°C).</p>	<p><i>The maximum temperature of fresh concrete at time of placing should be between 26 to 30 degrees C and should be achieved through normal precautions at the mixing plant, for working in hot-humid climates. The Contractor shall comply with the recommendations of TS200 Clause 206.7.8.4 with regard to pre-cooling and TS200 206.7.8.5 and TS200 Clause 206.7.8.5 regarding the cooling of the concrete. At no stage during the concreting process should the temperature of the fresh concrete exceed 35 degrees C.</i></p> <p><i>Drawing NSRP-DWG-VIA00-ST-0402 will be revised and issued in Addendum 3</i></p>
S-05	3	Volume 3, Section 8	PCC 7	SUMMARY OF KEY DATES	-	In regards to the Key date, the Bidder was wondering if (1) noise barriers (Parapet), (2) protective concrete layer and (3) precast cable trough cover needed to be completed by KD02 or KD06.	<i>Items (1), (2) and (3) are required to complete by KD02.</i>
S-05	3	Volume 3, Section 8	PCC 8	SUMMARY OF KEY DATES	KD 05 Provision of Access to Concourse Paid/Unpaid area and Platform area for CP NS-01 (trackwork and E&M Systems) to commence installation of AFC and PSD equipment.	Please clarify if the completion of all the roofing membranes for stations is included in KD05 or other key dates.	<i>All the roofing membranes for station is included in KD6.</i>
S-05	2	Volume 2, Section 6, IB General Specification	TS100-25	102.2.9 Removal of Unsuitable Material	TS102.2.9 If evidence of contaminated soil is found....waste material.	<p>Please clarify the following:</p> <p>(1) if the client measures such potentially contaminated soils within the project site. If so, please provide the Bidder with the data.</p> <p>(2) The BoQ does not contain any item associated with the treatment (or off-site transfer) associated with the contaminated soil. If there is any contaminated soils to be found within the project site, the Bidder kindly requests the client to provide the item within the BoQ that the Bidder can include the cost incurred due to managing contaminated</p>	<p><i>(1) The contaminated soil is part of GS118. Please refer to GS118.5.2 Hazardous waste for its scope.</i></p> <p><i>(2)Please refer to the Updated BOQ, Addendum 1, Bill No. 1, Item GS118-Environmental Management in conjunction with the General Specifications, Section GS 118; Sub-Section 118.5; Clause 118.5.2-Waste Management Plan; Sub-Clause 118.5.2.2-Hazardous Waste (which includes the contaminated soil).</i></p>

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S-05	2	Volume 2, Section 6, II Drawings	-	NSRP-DWG-VIA00-ST-0951	21-M12×95 Elephant Foot	The embedded anchors (i.e., 21-M12×95 Elephant Foot) shown on the drawing do not appear not in the BOQ, please clarify these embedded anchors will be installed by the Bidder or not. If the Elephant Foots is expected to be installed by the bidder, please provide the details on the embedded anchors as a form of drawings together with associated BOQ.	<i>(1) The embedded anchors (i.e., 21-M12×95 Elephant Foot) - should be installed in accordance with the drawing. (2) These embedded anchors are subsidiary items to the Precast Segmental Box Girder Item Nos. 206(3)a, 206(3)b and 206(3)c. Please refer to the TS 200_Annex A, Section 206-Concrete Structures, Sub-section 206.1-Measurement and Payment; Clause 206.1.2; Whole paragraphs of Sub-Clause 206.1.2.1-General.</i>
S-05	3	Volume 3, Section 9	CF 7	Contract Agreement	Contract Form CF3 2. The following documents shall be deemed to form....	According to the CF3, all the documents related to the Bid and the following contract have the order to be read and constructed as part of this Agreement. The Bidder would like kindly the Client to inform the order of all of the clarifications (i.e., queries) submitted to the Client and replied by the Client within the Contract documents in between (a) The Contract Agreement and (l) Extracts from the Bidding Documents as submitted by the Contractor and listed in the attachment-1 hereto.	<i>Bidder is advised that bidder query clarifications will included in item (d)</i>
S-05	2	Volume 2, Section 6, II Drawings	-	-	-	Although the Bidder could find out the final elevations for the maintenance road and associated ground elevations along the alignment, the Bidder was not able to find out the final ground elevations (i.e., z axis) to be built across the alignment (i.e., x and y axes). The Bidder would like the Client kindly to provide the final ground elevations that need to be constructed by the Bidder.	<i>For the final elevations for the maintenance road and associated ground elevations along the alignment, refer to Drawing NSRP-DWG-VIA05-RD-2002 Note 5.4 for bidder reference.</i>
S-05	2	Volume 2, Section 6, II Drawings	-	NSRP-DWG-VIA00-ST-0421	-	According to the Typical Elevation shown in Drawing No. NSRP-DWG-VIA00-ST-0421, piercap height is shown to be 2150mm. However, the table shown below indicates the range of the height (i.e., based on DD column) is between 2500mm and 3500mm. Please clarify which one is correct.	<i>Dimensions 2150 indicating the pier head depth shall be replaced by "DD". Drawing NSRP-DWG-VIA00-ST-0421 shall be revised and issued as Addendum 3</i>
S-05	2	Volume 2 TS-500_Annex A	70	563.1.1 / Method of Measurement	563.1.1 Method of Measurement Softscaping works will be a Provisional Sum.	According to the BOQ, there are 3 softscape items; Item No. 563(2)a, 563(4) and 563(5). However, TS-500_Annex_A indicates that "Softscaping works will be a part of the Provisional Sum."The Bidder was wondering if, within any of the scope of work, there are any additional softscape works to be performed.	<i>TS 563 to be revised and issued as Addendum 3 The BOQ will be revised for the appropriate Softscape Works. Updated BOQ shall be issued as Addendum 2.</i>
S-05	2	Volume 2, Drawing	-	NSRP-DWG-BIN-EL-5011	-	As shown on the single line diagram, each station possesses small-capacity diesel generator. However, the generator is not provided within BOQ. Please advise how we should account for these generators in our pricing.	<i>Please refer to the Updated BOQ, Addendum 1.</i>

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S-05	2	Volume 2, Specification TS 700	-	-	-	Please kindly provide Approved/Acceptable brands (BMS/CCTV/Access control/Panelboard/Lighting fixture/Fire Alarm) for the purpose of system integration of all stations at OCC building, system compatibility and ease of maintenance in the future.	Brands for this equipment, devices and other components shall be UL/NEMA listed or IEC equivalent approved standard.
S-05	2	Volume 2, Specification TS 700	-	-	-	In terms of Communication system (BMS/CCTV/Access control) including the fire alarm, the Bidder understands that E&M system contractor will supply and install main equipment, software and testing. Please confirm the Bidder (i.e., Civil contractor) is only responsible for items to be installed inside station as shown on drawings and BOQ, with the confirmation of software being out of the Bidder's scope of work. If above mentioned works are the part of the Bidder's SoW, please provide relevant drawings showing schematic diagram, floor layout, system sequence, point schedule, etc.	Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with requirements in relevant TS. BMS is by specialist.'
S-05	2	Volume 2, Specification TS 700	-	701.3.4	Provide anti-sway brackets on horizontal tray assemblies at 3 meter intervals.	Please advise whether cable trays in all areas require anti-sway brackets at every 3 meters.	Cable tray system shall withstand seismic requirements.
S-05	1	Volume 1, Part IA, Section 4A BOQ	-	Conduit and Cable Tray	-	In the BOQ, there are items associated with 150, 400, and 600mm size. However, in the drawing, only 150 and 900mm size exist. Please provide the clarification on this discrepancy.	Please refer to the Updated BOQ, Addendum 1.
S-05	1	Volume 1, Part IA, Section 4A BOQ Volume 2,	-	NSRP-DWG-STA-EL-5005	-	Cable tray detail drawing shows the divider between lighting and power cables, while the divider does not appear in Panelboard incoming cables. However, the BoQ given to the Bidder does not differentiate the cable trays depending on the presence of the divider with the tray. Please clarify.	The BOQ shall be revised to separate/divide the cable trays for the incoming panel boards from the cable trays for the Lighting and Power. Updated BOQ shall be issued as Addendum 3.
S-05	2	Volume 2, Drawing	-	NSRP-DWG-STA-EL-5003 NSRP-DWG-STA-EL-5004	-	There are two different drawings in terms of cable tray support. Please confirm that the Bidder can only follow the support detail with rods.	Treaded rods (Hanger) will be used. NSRP DWG-STA-EL-5003 will be revised and issued as v 21.2.
S-05	2	Volume 2, Specification TS 700	-	715.1.2	The surveillance system shall consist of CCTV cameras combination of fixed and equipped with Pan/Tilt/Zoom Lens System (PTZ) located at the lobbies and entrances and exits of Ground and Second floors.	TS 715.1.2 shows "Combination of fixed dome and PTZ camera". However, drawings indicate the box type camera only with housing, which does not appear in any of technical specification. In addition, BoQ only contains "CCTV Camera," which does not appear either in the technical specification or drawings. Please advise if the Bidder follows the drawings or not. If the Bidder follows the drawing, would it be possible to	The Bidder should follow the drawing in conjunction with the appropriate sections and clauses of the Technical Specifications. The BOQ Item Description "CCTV Camera" was adopted from the Legends of the General Station drawing No. NSRP-DWG-STA-EL-5001 Rev.21.

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S-05	2	Volume 2, Specification TS 700	-	706.1.5	Prepare a short circuit and coordination study based on the actual overcurrent protection devices proposed for use. The study shall be prepared by a locally registered electrical engineer.	Please confirm that the Bidder is responsible for support only "Short circuit coordination study report" and others (i.e., E&M contractor) will prepare and submit the report.	<i>Bidders shall also provide and validate based on their respective scope and collaborate with other concerned project stake holders for the short circuit analysis and protection coordination study based on actual electrical system components nameplate rating and actual circuit lengths.</i>
S-05	1	Volume 1, Part IA, Section 4A BOQ	-	BMS	-	Two items: 713(8) and 713(9) in BoQ are specified as a lump sum price in BMS BOQ. However, the Bidder is not able to figure out quantities since drawings are not provided. Please provide either drawings or quantities of these two items.	<i>Please refer to the Technical Specifications, TS 700_Annex A; Section 713-Building Management System; Sub-section 713.1-Measurement and Payment; Clauses 713.1.1-Method of Measurement and 713.1.2-Basis of Payment.</i>
S-05	2	Volume 2, Specification TS 700	-	701.2.2.5	Provide heavy wall, high impact strength, rigid PVC conforming to the requirements of Philippine code requirements. Conduit and fittings shall be UL 651 listed and shall conform to Article 347 of the NEC for underground and exposed use.	Please advise if the Bidder can use exposed PVC conduits that comply with Philippine Standard but not UL Listed.	<i>PVC shall only be used in concrete embedded (concealed) Installations. PVC shall be UL-listed or equivalent standard.</i>
S-05	2	Volume 2, Drawing	-	NSRP-DWG-STA-EL-5001	25. All lighting at fire exit shall be controlled by motion sensor.	The Bidder is failed to locate motion sensor in any of the drawings. The Bidder was wondering if the motion sensor is integrated in each lighting fixture on the fire exit. Also, if all lighting at fire exit is controlled by motion sensor, how does the system of operation work since the whole circuit is turned on/off by BMS.	<i>Refer to Drawing no. NSRP-DWG-STA-EL-5006/Motion Sensor details will be revised and issued in Addendum 3</i>
S-05	2	Volume 2, Drawing	-	NSRP-DWG-STA-EL-5001	-	Although the drawing only shows PTZ, Fixed dome, the specification deals with several types of CCTV Camera such as PTZ and Fixed dome. Please clarify if the SoW only includes the box type CCTV Camera.	<i>The SoW will include all types of CCTV cameras depending on application, based on manufacturer recommendation.</i>
S-05	2	Volume 2, Specification TS 700	-	716	The work of this section covers the furnishing, installing and placing in operation of an electronically-operated, supervised, conventional fire alarm system.	Technical Specifications for FDAS requires Conventional type, while FDAS riser diagram and layout implicates Fully-addressable type. Please provide the Technical specs of Fully-addressable type.	<i>FDAS is Addressable type. See Revised TS 700 issued in Addendum 2</i>
S-05	2	Volume 2, Drawing Specification TS 700	-	711.3.1 NSRP-DWG-BAN-EL-5601	-	Based on Technical Specification, HDPE conduits are required for the down conductor. However, PVC conduits are shown on the drawing. Please kindly clarify.	<i>All non-metallic conduits such as HDPE and PVC shall be used in concrete-embedded applications. TS 700 will be revised in Addendum 3</i>

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S-05	2	Volume 2, Specification TS 600	-	624 HRV	-	For HRV equipment (All station), what is the design indoor temperature and outdoor temperature?, What is the condition during the stated temperature exchange?	<i>Refer to updated drawing. HRV equipment schedule for Temperature exchange condition NSRP-DWG-SPO-ME-5663 NSRP-DWG-PTA-ME-5662 NSRP-DWG-BIN-ME-5662 Rev 21.2. For Indoor and Outdoor Temperature, please refer to calculations NSRP-CAL-BIN-ME-0105_06, NSRP-CAL-PTA-ME-0102_06 and NSRP-CAL-SPO-ME-0099_06.</i>
S-05	2	Volume 2, drawing	-	NSRP-DWG-BIN-SN-6110 NSRP-DWG-PTA-SN-6110	-	Please provide the length of collector pipe for 100Ø DS-41 to 48 on platform level as is not reflected from the ground floor, concourse and roof layout plan at Binan (gridline A-D,1; A-D,20), and Pacita station (gridline A-D,1; A-D,20).	<i>Please refer to updated drawing NSRP-DWG-BIN-SN-6106 Rev 21.2 and NSRP-DWG-PTA-SN-6104 Rev 21.2. These DS have been reflected at ground floor.</i>
S-05	2	Volume 2, drawing	-	NSRP-DWG-BIN-SN-6126	-	Please provide the elevation, material of pipe and isometric drawing of elevated pedestrian walkway at Binan station.	<i>For Elevation, please refer to architectural drawings. Drain pipe would be PVC Series 1000. the isometric drawing for Binan Pedestrian Walkway NSRP-DWG-BIN-6126 will be revised and issued in Addendum 3</i>
S-05	1	Volume 1, Part IA, Section 4A BOQ. Volume 2, Specification	-	618.2.5 Design conditions	-	Which shall govern for the flow rate capacity of Waste Water Treatment Plant in the BOQ or Equipment Schedule at layout plans or Technical specification?	<i>The BOQ shall be revised to conform with the Drawing and Technical Specifications. Updated BOQ shall be issued as Addendum 2.</i>
S-05	2	Volume 2, drawing	-	-	-	Please confirm if the Bidder considers a scupper drain per downspout at platform level as indicated at blow up detail.	<i>Scupper Drain is only for DS-41 to DS-48 as these are at the Emergency Staircase roof deck.</i>
S-05	1	Volume 1, Part IA, Section 4A BOQ. Volume 2, drawing	-	-	-	Please provide us with drawings and specification associated with Floor Mounted Type Air Conditioning Unit with Air Cooled Condenser Unit (ACUF).	<i>Refer to updated drawing NSRP-DWG-SPO-ME-5601, NSRP-DWG-SPO-ME-5661, NSRP-DWG-PTA-ME-5601, NSRP-DWG-PTA-ME-5661, NSRP-DWG-BIN-ME-5601, NSRP-DWG-BIN-ME-5661, Rev 21.2. Refer to NSRP-DWG-SPO-ME-5638 Rev 21. Refer to NSRP-DWG-PTA-ME-5638, NSRP-DWG-BIN-ME-5638 Rev 21.1. For specifications, please see TS 600.</i>
S-05	2	Volume 2, Drawing	-	NSRP-DWG-BIN-ME-5608 NSRP-DWG-BIN-ME-5661	-	Total airflow capacity of SEF-02 in schedule does not match with the total airflow capacity of EAG connected. Please clarify.	<i>Schedule will govern. NSRP-DWG-BIN-ME-5608 will be revised and issued in Addendum 3. Must be 1571 lps each grille.</i>
S-05	2	Volume 2, Drawing	-	NSRP-DWG-BIN-ME-5632	-	Please indicate the size of the grille connected to HRV-08.	<i>This must be 300x300. NSRP-DWG-BIN-ME-5632 will be revised and issued in Addendum 3</i>
S-05	2	Volume 2, Drawing	-	NSRP-DWG-PTA-ME-5662 NSRP-DWG-PTA-ME-5632	-	Airflow Supply/Exhaust of HRV-11 in schedule does not match with the drawing. Please clarify.	<i>Schedule will govern, must be 14 lps design drawing. NSRP-DWG-PTA-ME-5632 will be revised and issued in Addendum 3</i>
S-05	2	Volume 2, Drawing	-	NSRP-DWG-PTA-ME-5631	-	In the Bidder's view, the size of this seems to be 1400 x 3000 instead of 1400 x 300. Please clarify.	<i>Please refer to NSRP-DWG-PTA-ME-5631 Rev 21</i>
S-05	2	Volume 2, Drawing	-	NSRP-DWG-PTA-ME-5632	-	Please provide the sizes of ducts serving EF-08 and EF-09.	<i>This must be 300x150. NSRP-DWG-PTA-ME-5632 will be revised and issued in Addendum 3</i>

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S-05	2	Volume 2, Drawing	-	NSRP-DWG-PTA-SN-6104	-	Is this 50-diameter ACDS-04 going to 250 diameter drain pipe as well? Same goes with other ACDS.	<i>ACDS will be going to 250mm drain pipe.</i>
S-05	2	Volume 2, Drawing	-	NSRP-DWG-PTA-SN-6104	-	Where will these 100-diameter downspouts come from?	<i>These downspouts are from the canopy.</i>
S-05	2	Volume 2, Drawing	-	NSRP-DWG-PTA-FS-6608	-	Provide RN sizes.	<i>Please refer to Riser Nipple Schedule at NSRP-DWG-PTA-FS-6608 Rev 21.1</i>
S-06	2	Volume 2, Section 6, II Drawings(Civil/Maintenance Road)	-	DWG No. NSRP-DWG-VIA00-ST-1401	-	38.5 THK Rubber strip glued to steel pin appears in DWG No. NSRP-DWG-VIA00-ST-1401. However, the material specification associated with the rubber does not appear in any of the document given to the bidder. Please provide the material specification for the rubber.	<i>Drawings to be updated to indicate rubber properties: Durometer Hardness = 60 Shear Modulus, G = 0.9MPa Bulk Modulus, B = 2000 Mpa NSRP-DWG-VIA00-ST-1401 will be issued in Addendum 3</i>
S-06	2	Volume 2, Section 6, II Drawings(Civil/Maintenance Road)	-	DWG No. NSRP-DWG-VIA00-ST-0063, NSRP-DWG-VIA00-ST-1301	-	The Bidder understands that OCS poles will be installed on the girder with having regular distances. However, there is no indication where OCS poles will be installed. If the bidder does not need to account for the OCS poles within the scope of work by the Civil Contractor, it would be okay. If not, the Bidder kindly requests the Client to provide the locations of OCS poles.	<i>OCS location will be provided to bidders in Addendum 3</i>
S-06	2	Volume 2, Section 6, II Drawings(Civil/Maintenance Road)	-	DWG No. NSRP-DWG-VIA00-ST-0801	-	According to the referred drawing in the ITB, the contractor needs to start up the casting from Segment No. 15. Would you please clarify if we are allowed to switch the sequence of the casting of the precast segment?	<i>The final casting sequence shall be agreed with the Engineer and shall follow the principles of “match casting” and either the short or longline casting methods. The method proposed by the contractor shall fully capable of controlling the geometry of the superstructure both horizontally and vertically during the casting operation.</i>
S-06	2	Volume 2, Section 6, II Drawings(Civil/Maintenance Road)	-	DWG No. NSRP-DWG-VIA00-ST-1301	-	The loading condition for OCS poles appeared in the drawing. However, there is no indication of whether the installation of OCS poles belong to the Bidder's scope of work. In addition, the Bidder believes that there should be any type of foundation for OCS poles embedded within the girder would be required (e.g., anchoring). Please clarify (1) if the bidder needs to know any detail associated with the foundation of OCS poles, (2) if so, please provide the details associated with supporting the OCS pole.	<i>OCS location will be provided to bidders in Addendum 3</i>
S-06	2	Volume 2, Section 6, II Drawings(Civil/Maintenance Road)	-	DWG No. NSRP-DWG-VIA00-ST-1501~1561	-	From the referred drawings in between Drawing No. 1501 and No. 1561, there are items that may belong to the E&M systems and Track works (i.e., out of the scope of work within CP S-06). Would you please clarify these items within referred drawings included in this work scope.	<i>Yes, the trackworks and the equipment on top of the slab are part of E&M and Trackworks. The details are shown as reference for the deck widening for Electronic Point Machine, Impedance Bond and Shunting Signal.</i>

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S-06	2	Volume 2, 01 Specification, 02 TS	TS200-126	TS 206.18.4.3 Form Travelers for Balanced Cantilever Construction	Segmental balanced cantilever construction shall be carried out using form travelers with steel formwork.	<p>According to the TS, it is required to use the steel form for the construction of Balanced Cantilever (BC) bridge. Based on the Bidder's experience, it is feasible to utilize wooden forms to build up the BC bridge in general in accordance with the technical specification given in the ITB.</p> <p>Please clarify if the Bidder is allowed to adopt this deviation of the specification.</p>	<p><i>The falsework can be either steel or timber – however the liner (forming the concrete surface) shall be steel or plywood and accurately aligned to produce an even smooth surface.</i></p> <p><i>The exposed surface shall be free of timber grain patterns, nail holes and joints</i></p>
S-06	2	Volume 2, Section 6, II Drawings(Civil/Maintenance Road)	-	DWG No. NSRP-DWG-VIA05-ST-0101	-	<p>The pier reinforcement type for Pier 689~692 is designated as Type 31 in Drawing No. NSRP-DWG-VIA05-ST-0101. However, Pier reinforcement type 31 does not appear in any of the Drawing Nos between NSRP-DWG-VIA05-ST-0603 and NSRP-DWG-VIA05-ST-0608 where all the Pier reinforcement type appears. Please provide the reinforcement drawings for Type 31.</p>	<p><i>Pier Type P1 - Type 31 pier reinforcement details shall be provided.</i></p> <p><i>Drawing number NSRP-DWG-VIA00-ST-0609 will be issued in Addendum 3</i></p>
S-06	1	Volume 1, Section 1	ITB 20.1	C Preparation of Bids,	<p>In addition to the original Bid, the number of copies is Five (5) copies together with Two (2) complete digital copies contained on DVDR disc in Portable Document format (.pdf) and the Bill of Quantities in workable spreadsheet format (.xls/.xlsx). The electronic documents shall be scanned from the "Original" signed document and arranged and indexed in exactly the same manner. Should any discrepancy be found in the electronic copies, the content of the "Original" paper copy shall prevail. The bidder shall also include 2 digital copies of the bid program prepared in accordance with Section 4 Technical Proposal, Construction Schedule.</p>	<p>Please provide the definition (or elaborate) of "bid program" which is requested to be included as a part of digital copies for the bid submission.</p>	<p><i>The "Bid Program" refers to the Construction Schedule as required under Section 4 Technical Proposals - Programming Proposals - Construction Schedule</i></p>

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S-06	2	Volume 2, 01 Specification, 01 GS	GS 131	131.1 General	<p>Construction activities in the vicinity of any PNR operating railway line and railway protection and safety zones can cause accidents or damage to the existing railway, ...</p> <p>Activities in the vicinity of</p> <p>Safety considerations shall be adopted</p> <p>Whenever work is to be conducted in close proximity to live railways, the following ...</p> <p>For Specific PNR conditions refer to Appendix 6 – Works in the Vicinity of the Philippines National Railway.</p>	<p>Although the reference text indicates that Appendix 6 Works in the Vicinity of the Philippines National Railway is provided within ITB, the Bidder is not able to locate the referred Appendix 6. The Bidder kindly request the client to provide such document.</p>	<p><i>Please refer to revised GS131.34</i></p>
S-06	2	Volume 2, 01 Specification, 01 GS	GS 131	131.3 Reference Plans	<p>The Contractor shall request from the PNR plans defining the railway protection and safety zones.</p> <p>The Contractor shall ensure that no works of any kind are carried out within the railway protection and safety zones without prior approval and that all necessary measures are correctly put into place and managed to ensure safe working at all times.</p>	<p>It is mentioned that the Contractor shall follow the railway protection and safety zones defined by PNR. In order to account for the railway protection and safety zones defined by PNR during the tender stage, the Bidder would like to kindly request such document for the consideration.</p>	<p><i>Please refer to revised GS131.34</i></p>
S-06	1	Volume 1, Section 4	BF 7	Schedule	-	<p>Considering work to be completed by the contractor, it is the contractor's understanding that the work would need several items that are not included in the BoQ. For example, the contractor expects to perform site access preparations, sheet pile cofferdams, alignment Service track, berms setup and removal, etc. However, these items are not included in the BoQ given within the ITB. The Bidder was wondering if such omitted items could be added within the BoQ as a part of the proposal.</p>	<p><i>The Bidder is advised to read and evaluate the Bidding Documents in whole. Please refer to the third paragraph of the General Specifications, GS 101, which states that "The Scope of Works (SOW) and the General Specifications (GS) shall be read in conjunction with the General Conditions of Contract (GCC), the Particular Conditions of Contract (PCC), the Technical Specifications (TS), the Employer's Drawings and any other documents forming part of the Contract". As a sample, for the cofferdams and related works, In conjunction with the BOQ and Drawings, Please refer to the Technical Specifications, TS 200, and the whole of Section 203 - Temporary Works.</i></p>

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S-06	1A	Volume 1A, Section 4A	-	BILLS OF QUANTITIES (BOQ)	-	Other than large creeks (as shown in the ITB drawings) along the project alignment, the contractor is expected to install culverts / drainages across the alignment (i.e., East side<--> West side) where the small creeks exist (e.g., Cor CP05, refer to Drawing No. NSRP-DWG-VIA05-ST-0037 where the creek exist between P-904 and P-905 and for CP06, refer to Drawing No. NSRP-DWG-VIA06-ST-0015 where the creek exist between P-1015 and P-1016). However, quantities associated with these types of culverts / drainages do not appear within the BoQ. This may imply that the contractor is able to disconnect these small creeks across the alignment. Please clarify if there is any drainage / culvert across the alignment. If so, the contractor kindly request the Client to provide the BoQ / basis for all such	<p><i>1.) Yes, there were drainage/culvert across the alignment. Details were reflected in At-Grade Mainline Drainage Drawings.</i></p> <p><i>2.)The BOQ shall be revised to include Drainage across the alignment under the Bill No. 5 - Drainage System and River Bank Protection. Updated BOQ shall be issued as Addendum 2.</i></p>
S-06	1	Volume 1, Section 1	ITB 13	Format and Signing of Bid	-	<p>In regards to the bid documentation and the submission of original copies, the Bidder kindly request the client to clarify the following:</p> <p>1. Whether or not the submission is required to be printed based on single sided or double sided copy.</p> <p>2. Whether or not the all of the submitted document pages are required to have the signature on every single printed page, especially including the method statement.</p>	<p><i>1. No specific requirement.</i></p> <p><i>2. All to be signed in accordance with requirements stated in the Bidding Documents.</i></p>
S-06	1	Volume 1, Section 1	ITB 13	Sealing and Marking of Bids	-	<p>Considering the size of the original copy to be printed for the submission, the contractor was wondering if the contractor would be able to submit the original copy more than one box instead of one envelope. The Bidder can instead mark up "Original 1/2" and "Original 2/2", etc so that the Client can easily recognize the order of the document within the submission.</p> <p>Please confirm if submitting the bid proposal in a separate box is acceptable to the Client.</p>	<p><i>Considering size and volume of documents to be printed for the Bid, Bidder is allowed to submit Bids in multiple boxes. "One/Single Envelope" would refer to the procedure for Opening and Evaluation of Bids.</i></p>

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S-06	2	Volume 2, Section 6, II Drawings	-	NSRP-DWG-VIA00-ST-0402	-	<p>As per "crack control recommendation" on Drawing No. NSRP-DWG-VIA00-ST-0402, maximum temperature of the concrete mixture at the the time of concrete pouring is provided as follows:</p> <ul style="list-style-type: none"> - Pier Column and Head Stock at 24°C for 40 MPa - Pile Caps at 28°C <p>However, the technical specification shown in TS 206.8.1 indicates that the maximum temperature of the concrete mixture at the time of concrete pouring shall be limited to 30°C . In addition, DPWH Standard specifies that the maximum temperature of the concrete mixture at the time of concrete pouring shall be limited to 32°C.</p> <p>The Bidder would like the Client kindly to clarify if the Bidder can follow the technical specification (i.e., 30°C) or the DPWH standard (i.e., 32°C).</p>	<p><i>The maximum temperature of fresh concrete at time of placing should be between 26 to 30 degrees C and should be achieved through normal precautions at the mixing plant, for working in hot-humid climates. The Contractor shall comply with the recommendations of TS200 Clause 206.7.8.4 with regard to pre-cooling and TS200 206.7.8.5 and TS200 Clause 206.7.8.5 regarding the cooling of the concrete. At no stage during the concreting process should the temperature of the fresh concrete exceed 35 degrees C.</i></p> <p><i>Drawing NSRP-DWG-VIA00-ST-0402 will be issued in Addendum 3</i></p>
S-06	3	Volume 3, Section 8	PCC 7	SUMMARY OF KEY DATES	-	In regards to the Key date, the Bidder was wondering if (1) noise barriers (Parapet), (2) protective concrete layer and (3) precast cable trough cover needed to be completed by KD02 or KD06.	<i>Item (1), (2) and (3) shall be completed by KD02</i>
S-06	3	Volume 3, Section 8	PCC 8	SUMMARY OF KEY DATES	KD 05 Provision of Access to Concourse Paid/Unpaid area and Platform area for CP NS-01 (trackwork and E&M Systems) to commence installation of AFC and PSD equipment.	Please clarify if the completion of all the roofing membranes for stations is included in KD05 or other key dates.	<i>Roofing shall be completed by KD06.</i>
S-06	2	Volume 2, Section 6, IB General Specification	TS100-25	102.2.9 Removal of Unsuitable Material	TS102.2.9 If evidence of contaminated soil is found....waste material.	<p>Please clarify the following:</p> <p>(1) if the client measures such potentially contaminated soils within the project site. If so, please provide the Bidder with the data.</p> <p>(2) The BoQ does not contain any item associated with the treatment (or off-site transfer) associated with the contaminated soil. If there is any contaminated soils to be found within the project site, the Bidder kindly requests the client to provide the item within the BoQ that the Bidder can include the cost incurred due to managing contaminated</p>	<p><i>The contaminated soil is part of GS118. Please refer to GS118.5.2 Hazardous waste for its scope.</i></p> <p><i>(2)Please refer to the Updated BOQ, Addendum 1, Bill No. 1, Item GS118-Environmental Management in conjunction with the General Specifications, Section GS 118; Sub-Section 118.5; Clause 118.5.2-Waste Management Plan; Sub-Clause 118.5.2.2-Hazardous Waste (which includes the contaminated soil).</i></p>
S-06	2	Volume 2, Section 6, II Drawings	-	NSRP-DWG-VIA00-ST-0951	21-M12×95 Elephant Foot	The embedded anchors (i.e., 21-M12×95 Elephant Foot) shown on the drawing do not appear not in the BOQ, please clarify these embedded anchors will be installed by the Bidder or not. If the Elephant Foots is expected to be installed by the bidder, please provide the details on the embedded anchors as a form of drawings together with assocaited BOQ.	<i>The embedded anchors (i.e., 21-M12×95 Elephant Foot) - should be installed in accordance with the drawing. These embedded anchors are subsidiary items to the Precast Segmental Box Girder Item Nos. 206(3)a, 206(3)b and 206(3)c. Please refer to the TS 200_Annex A, Section 206-Concrete Structures, Sub-section 206.1-Measurement and Payment; Clause 206.1.2; Whole paragraphs of Sub-Clause 206.1.2.1-General.</i>

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S-06	3	Volume 3, Section 9	CF 7	Contract Agreement	Contract Form CF3 2. The following documents shall be deemed to form....	According to the CF3, all the documents related to the Bid and the following contract have the order to be read and constructed as part of this Agreement. The Bidder would like kindly the Client to inform the order of all of the clarifications (i.e., queries) submitted to the Client and replied by the Client within the Contract documents in between (a) The Contract Agreement and (l) Extracts from the Bidding Documents as submitted by the Contractor and listed in the attachment-1 hereto.	<i>Bidder is advised that bidder query clarifications will included in item (d)</i>
S-06	2	Volume 2, Section 6, II Drawings	-	-	-	Although the Bidder could find out the final elevations for the maintenance road and associated ground elevations along the alignment, the Bidder was not able to find out the final ground elevations (i.e., z axis) to be built across the alignment (i.e., x and y axes). The Bidder would like the Client kindly to provide the final ground elevations that need to be constructed by the Bidder.	<i>For the final elevations for the maintenance road and associated ground elevations along the alignment, refer to Drawing NSRP-DWG-VIA06-RD-2002 Note 5.4.</i>
S-06	2	Volume 2, Section 6, II Drawings	-	NSRP-DWG-VIA00-ST-0421	-	According to the Typical Elevation shown in Drawing No. NSRP-DWG-VIA00-ST-0421, piercap height is shown to be 2150mm. However, the table shown below indicates the range of the height (i.e., based on DD column) is between 2500mm and 3500mm. Please clarify which one is correct.	<i>Dimensions 2150 indicating the pier head depth shall be replaced by "DD". Drawing NSRP-DWG-VIA00-ST-0421 will be issued in Addendum 3</i>
S-06	2	Volume 2 TS-500_Annex A	70	563.1.1 / Method of Measurement	563.1.1 Method of Measurement Softscaping works will be a Provisional Sum.	According to the BOQ, there are 3 softscape items; Item No. 563(2)a, 563(4) and 563(5). However, TS-500_Annex_A indicates that "Softscaping works will be a part of the Provisional Sum."The Bidder was wondering if, within any of the scope of work, there are any additional softscape works to be performed.	<i>TS 563 Method of Measurement and Payment will be revised and issued in Addendum 3</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-BIN-EL-5011	-	As shown on the single line diagram, each station possesses small-capacity diesel generator. However, the generator is not provided within BOQ. Please advise how we should account for these generators in our pricing.	<i>Please refer to the Updated BOQ, Addendum 1.</i>
S-06	2	Volume 2, Specification TS 700	-	-	-	Please kindly provide Approved/Acceptable brands (BMS/CCTV/Access control/Panelboard/Lighting fixture/Fire Alarm) for the purpose of system integration of all stations at OCC building, system compatibility and ease of maintenance in the future.	<i>Brands for this equipment, devices and other components shall be UL/NEMA listed or IEC equivalent approved standard.</i>

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S-06	2	Volume 2, Specification TS 700	-	-	-	In terms of Communication system (BMS/CCTV/Access control) including the fire alarm, the Bidder understands that E&M system contractor will supply and install main equipment, software and testing. Please confirm the Bidder (i.e., Civil contractor) is only responsible for items to be installed inside station as shown on drawings and BOQ, with the confirmation of software being out of the Bidder's scope of work. If above mentioned works are the part of the Bidder's SoW, please provide relevant drawings showing schematic diagram, floor layout, system sequence, point schedule, etc.	<i>It is confirmed that the Station BMS, Security System and Fire Detection and Alarm System are covered by the scope of work of the civil works contractor. Please refer to the Updated BOQ, Addendum 1; Bill Nos. 4-1, 4-2 and 4-3; Part F.5-Electrical Works - for the Scope of Works covering BMS, Security System and Fire Detection & Alarm System. For the drawing references, Please refer to the Bidding Documents, Volume 2; 02_Book2 (Architectural); 05_S06 MPFS.</i>
S-06	2	Volume 2, Specification TS 700	-	701.3.4	Provide anti-sway brackets on horizontal tray assemblies at 3 meter intervals.	Please advise whether cable trays in all areas require anti-sway brackets at every 3 meters.	<i>Cable tray system shall withstand earthquake (seismic requirements). Supports and other fasteners shall be as per manufacturer's recommendation, vendor to validate.</i>
S-06	1	Volume 1, Part IA, Section 4A BOQ	-	Conduit and Cable Tray	-	In the BOQ, there are items associated with 150, 400, and 600mm size. However, in the drawing, only 150 and 900mm size exist. Please provide the clarification on this discrepancy.	<i>Details on drawings to be followed. BOQ already updated to match drawings. Please refer to Addendum 2 which includes only the following items for the Cable Tray in Bill Nos. 4-1 to 4-3. PIN 707(1)a --- Cable Tray w/ Cover, 900mm(W) x 100mm(H) PIN 707(1)e --- Cable Tray w/ Cover, 150mm(W) x 100mm(H)</i>
S-06	1	Volume 1, Part IA, Section 4A BOQ Volume 2,	-	NSRP-DWG-STA-EL-5005	-	Cable tray detail drawing shows the divider between lighting and power cables, while the divider does not appear in Panelboard incoming cables. However, the BoQ given to the Bidder does not differentiate the cable trays depending on the presence of the divider with the tray. Please clarify.	<i>The BOQ shall be revised to separate / divide the cable trays for incoming panel boards from the cable trays for the Lighting and Power. Updated BOQ shall be issued as Addendum 3.</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-STA-EL-5003 NSRP-DWG-STA-EL-5004	-	There are two different drawings in terms of cable tray support. Please confirm that the Bidder can only follow the support detail with rods.	<i>Treaded rods (Hanger) will be used. NSRP DWG-STA-EL-5003 will be revised and issued as v 21.2z.</i>
S-06	2	Volume 2, Specification TS 700	-	715.1.2	The surveillance system shall consist of CCTV cameras combination of fixed and equipped with Pan/Tilt/Zoom Lens System (PTZ) located at the lobbies and entrances and exits of Ground and Second floors.	TS 715.1.2 shows "Combination of fixed dome and PTZ camera". However, drawings indicate the box type camera only with housing, which does not appear in any of technical specification. In addition, BoQ only contains "CCTV Camera," which does not appear either in the technical specification or drawings. Please advise if the Bidder follows the drawings or not. If the Bidder follows the drawing, would it be possible to	<i>The Bidder should follow the drawing in conjunction with the appropriate sections and clauses of the Technical Specifications. The BOQ Item Description "CCTV Camera" was adopted from the Legends of the General Station drawing No. NSRP-DWG-STA-EL-5001 Rev.21.</i>

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S-06	2	Volume 2, Specification TS 700	-	715.3	A standby power pack shall be provided capable of operating the CCTV system continuously for eight (8) hours minimum without recharging.	Although both drawings and BOQ specifies 2 hours UPS for CCTV system, TS700 specifies eight (8) hours operation minimum without recharging. Please clarify this discrepancy in between.	<i>1) c/o Design Team --- to clarify discrepancy between Drawings and TS</i> <i>PIN 715(1)h --- UPS, Backup Time: 2 Hours or more for CCTV System under BOQ Bill Nos. 4-1, 4-2, and 4-3, Part F.5 --- Electrical Works is based on the following drawings:</i> <i>NSRP-DWG-CAB-EL-5803;</i> <i>NSRP-DWG-BAN-EL-5803; and,</i> <i>NSRP-DWG-CAL-EL-5803, rev. 21.2</i>
S-06	2	Volume 2, Specification TS 700	-	706.1.5	Prepare a short circuit and coordination study based on the actual overcurrent protection devices proposed for use. The study shall be prepared by a locally registered electrical engineer.	Please confirm that the Bidder is responsible for support only "Short circuit coordination study report" and others (i.e., E&M contractor) will prepare and submit the report.	<i>Bidders shall also provide and validate based on their respective scope and collaborate with other concerned project stake holders for the short circuit analysis and protection coordination study based on actual electrical system components nameplate rating and actual circuit lengths.</i>
S-06	1	Volume 1, Part IA, Section 4A BOQ	-	BMS	-	Two items: 713(8) and 713(9) in BoQ are specified as a lump sum price in BMS BOQ. However, the Bidder is not able to figure out quantities since drawings are not provided. Please provide either drawings or quantities of these two items.	<i>Please refer to the Technical Specifications, TS 700_Annex A; Section 713-Building Management System; Sub-section 713.1-Measurement and Payment; Clauses 713.1.1-Method of Measurement and 713.1.2-Basis of Payment.</i>
S-06	1	Volume 1, Part IA, Section 4A BOQ Volume 2, Drawing	-	-	-	In terms of quantities, there are several discrepancies between BOQ and Drawings. For example, quantities of cables, wires, conduits and trays do not match in between BoQ and the drawing. Please advise if the Bidder shall consider additional cost in BOQ provided to the Bidder without revising quantities. (For example, cables in BOQ is 100m, but shown to be 150m in the drawing. In this case the Bidder takes price associated with 150m-long cable and plug in BOQ instead of keeping the price associated with 100m-long cable)	<i>The BOQ shall be revised for the appropriate work items for cables, wires, conduits and trays. Updated BOQ shall be issued as Addendum 2.</i>
S-06	1	Volume 1, Part IA, Section 4A BOQ Volume 2, Drawing	-	-	-	In terms of capacity, there are several discrepancies between BOQ and Drawings. For example, capacity of generator (250kVA and 313kVA) and ATS (800AT and 225AT) are different in between the BoQ and the drawing. Please confirm which one is correct.	<i>The BOQ shall be revised for the appropriate capacities of the generator sets. Updated BOQ shall be issued as Addendum 2.</i>
S-06	2	Volume 2, Specification TS 700	-	701.2.2.5	Provide heavy wall, high impact strength, rigid PVC conforming to the requirements of Philippine code requirements. Conduit and fittings shall be UL 651 listed and shall conform to Article 347 of the NEC for underground and exposed use.	Please advise if the Bidder can use exposed PVC conduits that comply with Philippine Standard but not UL Listed.	<i>PVC shall only be used in concrete embedded (concealed) Installations. PVC shall be UL-listed or equivalent standard.</i>

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S-06	2	Volume 2, Drawing	-	NSRP-DWG-STA-EL-5001	25. All lighting at fire exit shall be controlled by motion sensor.	The Bidder is failed to locate motion sensor in any of the drawings. The Bidder was wondering if the motion sensor is integrated in each lighting fixture on the fire exit. Also, if all lighting at fire exit is controlled by motion sensor, how does the system of operation work since the whole circuit is turned on/off by BMS.	<i>Refer to Drawing no. NSRP-DWG-STA-EL-5006/Motion Sensor details will be issued in Addendum 3</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-STA-EL-5001	-	Although the drawing only shows PTZ, Fixed dome, the specification deals with several types of CCTV Camera such as PTZ and Fixed dome. Please clarify if the SoW only includes the box type CCTV Camera.	<i>The SoW will include all types of CCTV cameras depending on application based on manufacturer's recommendation.</i>
S-06	2	Volume 2, Specification TS 700	-	716	The work of this section covers the furnishing, installing and placing in operation of an electronically-operated, supervised, conventional fire alarm system.	Technical Specifications for FDAS requires Conventional type, while FDAS riser diagram and layout implicates Fully-addressable type. Please provide the Technical specs of Fully-addressable type.	<i>FDAS is Addressable type. See Revised Addendum 2 TS 700</i>
S-06	2	Volume 2, Drawing Specification TS 700	-	711.3.1 NSRP-DWG-BAN-EL-5601	-	Based on Technical Specification, HDPE conduits are required for the down conductor. However, PVC conduits are shown on the drawing. Please kindly clarify.	<i>All non-metallic conduits such as HDPE and PVC shall be used in concrete-embedded applications. TS 700 to be revised and issued as Addendum 3</i>
S-06	2	Volume 2, Specification TS 600	-	624 HRV	-	For HRV equipment (All station), what is the design indoor temperature and outdoor temperature?, What is the condition during the stated temperature exchange?	<i>Refer to updated drawing HRV equipment schedule for temperature exchange condition NSRP-DWG-CAB-ME-5663 NSRP-DWG-BAN-ME-5662 NSRP-DWG-CAL-ME-5663 REV 21.2. For outdoor and indoor temperature, please refer to NSRP-CAL-BAN-ME-0114_06, NSRP-CAL-CAB-ME-0111_05, NSRP-CAL-CAL-ME-0117_05.</i>
S-06	2	Volume 2, drawing	-	NSRP-DWG-BIN-SN-6110 NSRP-DWG-PTA-SN-6110	-	Please provide the length of collector pipe for 100Ø DS-41 to 48 on platform level as is not reflected from the ground floor, concourse and roof layout plan at Binan (gridline A-D,1; A-D,20), and Pacita station (gridline A-D,1; A-D,20).	<i>Please refer to updated drawing NSRP-DWG-BIN-SN-6106 Rev 21.2 and NSRP-DWG-PTA-SN-6104 Rev 21.2. These DS have been reflected at Ground Level.</i>
S-06	2	Volume 2, drawing	-	NSRP-DWG-SPO-SN-6108	-	Please provide the layout of collector pipe line for 50Ø WS from concourse level to ground level for San Pedro station (gridline A,2; A,7; A,18; F,2; F,5; F,7; F,13).	<i>To be reflected at the Ground Level. NSRP-DWG-SPO-SN-6104 will be revised and issued in Addendum 3</i>
S-06	2	Volume 2, drawing	-	NSRP-DWG-BIN-SN-6126	-	Please provide the elevation, material of pipe and isometric drawing of elevated pedestrian walkway at Binan station.	<i>For Elevation please refer to architectural drawings. Drain pipe would be PVC Series 1000. isometric drawing for Binan Pedestrian Walkway NSRP-DWG-BIN-6126 will be issued in Addendum 3</i>

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S-06	1	Volume 1, Part IA, Section 4A BOQ. Volume 2, Specification	-	607.2.2 Polyvinyl Chloride Pipe and Fittings	1) Polyvinyl chloride pipes and fittings shall be used for: a) Soil, waste, vents and drain pipe and fittings and downspouts	For the pipe material used in Rainwater line downspout, the Bidder has found the discrepancy in between the general notes with BOQ (i.e., refers to Stainless steel) and the technical specification (i.e., refers to PVC). Please clarify which one the Bidder must follow.	<i>Please adhere to the BOQ Item. The BOQ Item, Stainless Steel Rain Water Pipe is consistent with the drawing No. NSRP-DWG-STA-SN-8001 Rev. 21; Below the Drawing's General Notes, Please refer to the Material Specifications, Downspout.</i>
S-06	1	Volume 1, Part IA, Section 4A BOQ. Volume 2, Specification	-	618.2.5 Design conditions	-	Which shall govern for the flow rate capacity of Waste Water Treatment Plant in the BOQ or Equipment Schedule at layout plans or Technical specification?	<i>Technical Specification & Drawings shall govern. Please refer to the latest BOQ issued in Addendum 2</i>
S-06	1	Volume 1, Part IA, Section 4A BOQ. Volume 2, drawing	-	-	-	Please provide us with drawings and specification associated with Floor Mounted Type Air Conditioning Unit with Air Cooled Condenser Unit (ACUF).	<i>Refer to updated drawing NSRP-DWG-CAB-ME-5601, NSRP-DWG-CAB-ME-5661, NSRP-DWG-BAN-ME-5601, NSRP-DWG-BAN-ME-5661, NSRP-DWG-CAL-ME-5601, NSRP-DWG-CAL-ME-5661 Rev 21.2. Refer NSRP-DWG-BAN-ME-5638, NSRP-DWG-CAL-ME-5638 Rev 21.1. Refer to NSRP-DWG-CAB-ME-5638 Rev 21. For specification, please see TS600.</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-BIN-ME-5608 NSRP-DWG-BIN-ME-5661	-	Total airflow capacity of SEF-02 in schedule does not match with the total airflow capacity of EAG connected. Please clarify.	<i>Schedule will govern. Sheet NSRP-DWG-BIN-ME-5608 will be revised in Addendum 3. Must be 1571 lps each grille.</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-BIN-ME-5632	-	Please indicate the size of the grille connected to HRV-08.	<i>This must be 300x300. Sheet NSRP-DWG-BIN-ME-5632 will be revised and issued in Addendum 3</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-PTA-ME-5662 NSRP-DWG-PTA-ME-5632	-	Airflow Supply/Exhaust of HRV-11 in schedule does not match with the drawing. Please clarify.	<i>Schedule will govern, must be 14 lps design drawing. Sheet NSRP-DWG-PTA-ME-5632 will be revised and issued in addendum 3</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-PTA-ME-5631	-	In the Bidder's view, the size of this seems to be 1400 x 3000 instead of 1400 x 300. Please clarify.	<i>Please refer to NSRP-DWG-PTA-ME-5631 Rev 21</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-PTA-ME-5632	-	Please provide the sizes of ducts serving EF-08 and EF-09.	<i>This must be 300x150. Sheet NSRP-DWG-PTA-ME-5632 to be revised in addendum 3</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-PTA-SN-6104	-	Is this 50-diameter ACDS-04 going to 250 diameter drain pipe as well? Same goes with other ACDS.	<i>ACDS will be going to 250mm drain pipe.</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-PTA-SN-6104	-	Where will these 100-diameter downspouts come from?	<i>These downspouts are from the canopy.</i>
S-06	2	Volume 2, Drawing	-	NSRP-DWG-PTA-FS-6608	-	Provide RN sizes.	<i>Please refer to Riser Nipple Schedule at NSRP-DWG-PTA-FS-6608 Rev 21.1.</i>
S-07	2	Volume 2, 02 Book 1 (CIVIL), 04 CP S07 DPSFE	151	NSRP-DWG-DEP-DR-2709	NSRP-South Depot Manhole Detail Type I	Please provide specification of manhole cover	<i>Refer to TS 111 MANHHOLES, INLETS AND CATCH BASINS.</i>

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S-07	2	Volume 2, 02 Book 1 (CIVIL), 04 CP S07 DPSFE	155	NSRP-DWG-DEP- DR-2714	NSRP-South Depot Manhole Detail Type M	Please provide specification of cover	<i>Refer to TS 111 MANHHOLES, INLETS AND CATCH BASINS.</i>
S-07	1	Volume 1, Sec.4A BOQ	161	Bill of Quantities No. 4-2.12	Supply and Fire Water Tank 1	1. Please confirm if the quantities of following items are included in the pay item BOQ 4-2.13 Pump House for Fire Water Tank 1, if not, please provide pay item: 1.a) Structural Concrete for Beam 1.b) Structural Concrete for Reinforced Concrete Wall (RCW) 1.c) Structural Concrete for Elevated Slab	<i>It is confirmed that the quantities of Structural Concrete for Beam, Structural Concrete for Reinforced Concrete Wall, and Structural Concrete for Elevated Slab are included the BOQ. Please refer to the Updated BOQ, Addendum 1; Bill No. 4-2.13, Item Nos. 405(8)b, 405(9)b, and 405(10)b.</i>
S-07	2	Volume 2, 02 Book 2 (Architectural) , 01 S07 Struc	4 of 9	NSCRP-DWG- WPH1-ST-4201	Waterproofing Membrane	2. In TS 514.1.1 Elastomeric Waterproofing are for water tanks such as potable tanks, domestic and fire tanks, waste water tanks and swimming pool, Liquid Polyurethane waterproofing are for decks, balconies and roof slab. Query : Please confirm that Polyurethane Membrane System Waterproofing as per BOQ will be used in External Wall. If yes, Is there any requirements of waterproofing in the Internal Wall. If yes, please provide pay item	<i>Pump Room also has PU waterproofing, please refer to NSRP-DWG-WPH1-AR-3201.</i>
S-07	2	Volume 2, 02 Book 2 (Architectural) , 01 S07 Arch	4 of 6	NSRP-DWG- WPH1-AR-3201	Pump House for Fire Water Tank 1	1. Please provide specification and pay item for Waterproofing at RC Water Tank Slab	<i>Please refer to the Updated BOQ, Addendum 1; Bill No. 4-2.13, Part C.2, Waterproofing, Item No. D514(2). Please also refer to the Technical Specifications, TS 500, Section 514-Waterproofing.</i>
S-07	-	-	4 of 6	NSRP-DWG- WPH2-AR-3201	Pump House for Fire Water Tank 2	1. Please provide specification and pay item for Waterproofing at 150mm thk RC Water Tank Slab	<i>Please refer to the Updated BOQ, Addendum 1; Bill No. 4-2.15, Part C.2, Waterproofing, Item No. D514(2). Please also refer to the Technical Specifications, TS 500, Section 514-Waterproofing.</i>

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S-07	2	Volume 2, 01 Specification, 02 TS, SCRP_TS 500_Annex A Volume 2, 02 Book 2 (Architectural), 02 SO7 STRUC and 01 SO7 ARCH Volume 1A Sec.4A BOQ	TS-500-Annex A - 18 5 of 5 5 of 5	TS 512 Metal Roof Panels and Accessories a. NSRP-DWG-LGS-ST-4131 and NSRP-DWG-LGS-AR-3601 Bill of Quantities 4-2.7 LRS Garbage Shed	TS 512.1.1 Pre-painted Hot Dip Galvanized Steel Sheet Roofing (ZAM) is measured in "Square Meter" and rate shall be with T=30mm Non-Combustible Splayed Polyurethane Form (please refer to Drawings for proper description) BOQ - D512(2) - Pre-painted Hi-Rib Zinc-Aluminum-Magnesium (ZAM) Roofing	There is conflict in Specification, Structural Drawing, Architectural Drawing, and Schedule of Finishes and BOQ: a. Structural Drawing (NSRP-DWG-LGS-ST-4131) - 0.50mm thk Pre-painted GI Roofing b. Architectural Drawing (NSRP-DWG-LGS-AR-3601) - 0.60mm thk Composite Metal Roofing w/ 108mm thk Polyisocyanurate Foam Insulation; Prepainted Finish c. Schedule of Finishes on Architectural Drawing (NSRP-DWG-LGS-AR-3601) - 0.60mm thk Long Span Rib Type Metal Roofing; Fluoro Urethane Pre-Painted Finish Query: Please verify conflict.	<i>a. Structural drawings to be updated. Sheet NSRP-DWG-LGS-ST-4131 will be issued in Addendum 3</i> <i>b. "Pre-painted Hi-Rib Zinc-Aluminum-Magnesium (ZAM) roofing" will govern. Sheet NSRP-DWG-LGS-AR-3601 to be revised as Rev21.2 will be issued in Addendum 3</i> <i>c. "Pre-painted Hi-Rib Zinc-Aluminum-Magnesium (ZAM) roofing" will govern. Sheet NSRP-DWG-LGS-AR-3601 to be revised as Rev21.2 will be issued in Addendum 3</i>
S-07	1	Volume 1, 1.3 CP S-07 Vol.1A Sec.4A BOQ, Bill No. 3	30 of 225	Bill of Quantites No. 3 Depot Underpass	BOQ - 125 (1) Sidewalk (t=100mm)	Please confirm our understanding that the pay item 125 (1) Sidewalk (t=100mm) shall be the 100mm thk PCC Pavement for Road 10 Shared Use Path	<i>It is confirmed that Pay Item 125(1) - Sidewalk (t=100mm) pertains to the 100mm thk. PCC Pavement for Road 10 shared use path.</i>
S-07	2	Volume 2, 01 Specification, 02 TS, SCRP_TS 200_Annex A Volume 1A Section 4A BOQ	TS-200-Annex A - 15 24 - 25 of 225	TS 205.1.1 Method of Measurement, Geosynthetic Reinforced Sol (GRS) Structures Bill of Quantites No. 2 Earthworks/ Site Development	TS 205.1.1 The measurement for payment for Structural Concrete and Reinforcing Steel shall be measured and paid for, in accordance with Section 206 Concrete Structures, and Section 207 Reinforcing Steel. The construction of Geosynthetics Reinforcement Soil (GRS) consisting of reinforced backfill and cast in place concrete wall shall be measured in "square meter". BOQ 205(8) Embankment for GRS Retaining Wall (Selected Borrow Material) 206(6)a Structural Cast in Situ Concrete, 40 Mpa for GRS 207(1)c Reinforcing Steel Grade 60 for Structure in Depot 205(2) Geogrid, 37.50 kn/m 205(3) Geogrid, 75 kn/m	1. Please confirm the following: 1.a. Embankment for GRS Retaining Wall is included in pay item 205(8) 1.b. Cast in Place Concrete for GRS is included in pay item 206(6)a 1.c. Reinforcing Steel for GRS is included in pay item 207(1)c 1.d. Pay item 205(2) & 205(3) are for area per layer of Geogrid	<i>1.a. Yes. Confirmed.</i> <i>1.b. Yes. Confirmed.</i> <i>1.c. Yes. Confirmed.</i> <i>1.d. Yes. Confirmed.</i>

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S-07	2	Volume 2, 02 Book 1 (Civil),	34 of 127	NSRP-DWG-DEP-RD-1928	GRS Retaining Wall Type 3, Reinforced Concrete Slab	Please provide pay item for Reinforced Concrete Slab	<i>The quantity of reinforced concrete slab is included in pay item 206(6)i.</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 02 S07 STRUC	2 of 13 8 of 13	NSRP-DWG-TMO-ST-4101 NSRP-DWG-TMO-ST-4301	Track Maintenance Office - Pile Cap Schedule	Please verify conflict in Pile Cap Schedule, indicated in Pile Setout Plan sheet NSRP-DWG-TMO-ST-4101, dimensions is 850mm x 850mm x 1250mm, while in Reinforcement Details sheet NSRP-DWG-TMO-ST-4301, it is 850mm x 700mm x 1600mm. Kindly confirm which dimensions shall govern.	<i>The pile cap schedule to be 850mm x 850mm x 1600mm. Sheets NSRP-DWG-TMO-ST-4101 and NSRP-DWG-TMO-ST-4301 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 02 S07 STRUC Bid_Bulletin No. 11, Volume 1A Sec 4A BOQ	4 of 19	NSRP-DWG-WRS-ST-4121 Bill of quantities 4-2.2 WRS	Wheel Re-Profiling Shop - Concrete Topping at Service Pit 405(7)b Structural Concrete, Class "AAA" (31 Mpa) for Slab on Fill (At-Grade Beam)	Our understanding, the Concrete Topping with thickness of 500mm to 800mm is included in pay item 405(7)b, if not, please provide pay item	<i>Yes, Item 405(7)b includes the concrete topping.</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 02 S07 STRUC and 01 S07 ARCH	4 of 43 2 of 57	NSRP-DWG-LRS-ST-4121 NSRP-DWG-LRS-AR-3005	LRS - Slabs on Fill elevation	Please verify conflict in Grid 16 and 24 plan, a) Ground Floor Framing Plan sheet NSRP-DWG-LRS-ST-4121, elevation of ground floor slabs of rooms is FGL -50, b) Schedule of Finishes sheet NSRP-DWG-LRS-AR-3005, room nos. 108-112, 113, and 104-105 are FGL -100, FGL -300, and FGL -500, respectively. Which shall govern.	<i>a. Elevations on the drawings on sheet NSRP-DWG-LRS-ST-4121 will be revised and issued in Addendum 3 b. this will govern, see issued NSRP-DWG-LRS-AR-3005 Rev21.</i>
S-07	2	Bid_Bulletin No. 11, Volume 2, 02_Book 2, 02_S07 STRUC, CP S-07_07_DHS_ST	NSRP-DWG-DHS-ST-4101_[21.1] and NSRP-DWG-DHS-ST-4111_[21.1]	Hazardous Store Structural	Foundation (F1)	Please verify conflict in plan, dimension for Foundation (F1) as shown in plan.	<i>Sheet NSRP-DWG-DHS-ST-4101 details to be revised and updated in Addendum 3</i>
S-07	2	Bid_Bulletin No. 11 Addendum#1 and Site Data, Volume 2, 02_Book 2, 02_S07 STRUC, CP S-07_07_DHS_ST	NSRP-DWG-DHS-ST-4121_[21.1]	Hazardous Store Structural	Lean Concrete thickness	Please verify conflict in plan, lean concrete thickness in typical Section Footing (F1) detail is 100mmthk while in Section 3 is 50mmthk. which shall govern.	<i>Sheet NSRP-DWG-DHS-ST-4121 details to be revised and updated in Addendum 3</i>

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S-07	2	Bid_Bulletin No. 11, Volume 2, 02_Book 2, 02_S07 STRUC, CP S-07_07_DHS_ST	NSRP-DWG-DHS-ST-4101_[21.1]	Hazardous Store Structural - Foundation Plan	Thickness of Slab on Fill	Please verify conflict in slab thickness, in foundation plan is 180mm while in section 1 is 200mm. Which shall prevail.	<i>Sheet NSRP-DWG-DHS-ST-4101 details to be revised and updated in Addendum 3</i>
S-07	2	Bid_Bulletin No. 11, Volume 2, 02_Book 2, 02_S07 STRUC, CP S-07_07_DHS_ST Bid_Bulletin No. 11, Volume 1A Sec 4A BOQ	NSRP-DWG-DHS-ST-4111_[21.1]	Hazardous Storage Bill of Quantities No. 4-2.6 Hazardous Storage	Reinforced Concrete Wall BOQ - 412(4) CHB Wall, Non-Load Bearing, (Including Reinforcing Steel); t=150mm	a) Drawing NSRP-DWG-DHS-ST-4111_[21.1] and NSRP-DWG-DHS-AR-3201 - walls are reinforced concrete b) Schedule of Finishes NSRP-DWG-DHS-AR-3601 - RC wall dimension is 200mm x 800mm c) BOQ 412 (4) CHB Wall NLB (42 sq.m.) and 405(8)b (2 cu.m.only) Query: Please verify conflict	<i>The BOQ shall be revised for the appropriate quantity and Item of Work for the Reinforced Concrete Wall. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Bid_Bulletin No. 11, Volume 1A Sec 4A BOQ		Bill of Quantities No. 4-2.6 Hazardous Storage	D544(3) Pre-painted Spandrel Metal Ceiling	Please verify BOQ pay item D544(3), please provide drawing.	<i>The BOQ shall be revised to delete Item D544(3). Updated BOQ will be issued as Addendum 3</i>
S-07	2	Bid Bulletin 11, Volume 2, 01Specification, 02 TS	TS 500 - 60	9) Roofing Works and Exterior Finishing a. Metal Canopy	Zinc coated steel sheet T=0.6mm, H=25mm	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	2	Volume 2, 02_Book 2 (Architectural), 01 S07 Arch	NSRP-DWG-DEP-AR-3401	Typical Roof Plan	0.6mmthk Long Span Rib Type Metal Roofing, Flourourethane painted Finish	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	-	-	-	Typical Section	Pre-painted Hi-Rib Zinc - Aluminum-Magnesium (ZAM) Roofing	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Bid Bulletin 11, Volume 1A, Section 4A BOQ	-	Bill of Quantities 4-3.2 Pedestrian Shed	BOQ D512(2) Pre-painted Hi-Rib Zinc-Aluminum-Magnesium (ZAM) Roofing	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	2	Bid Bulletin 11, Volume 2, 01Specification, 02 TS	TS 500 - 60	9) Roofing Works and Exterior Finishing a. Metal Canopy	Zinc coated steel sheet T=0.6mm, H=25mm	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	2	Volume 2, 02_Book 2 (Architectural), 01 S07 Arch	NSRP-DWG-BPS-AR-3601	Typical Roof Plan	0.6mmthk Long Span Rib Type Metal Roofing, Flourourethane painted Finish	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>

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S-07	-	-	-	Typical Section	0.6mmthk Long Span Rib Type Metal Roofing, Flourourethane painted Finish	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Bid Bulletin 11, Volume 1A, Section 4A BOQ	-	Bill of Quantities 4-2.17 Depot Bicycle Parking Shed	BOQ D512(2) Pre-painted Hi-Rib Zinc-Aluminum-Magnesium (ZAM) Roofing	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	2	Bid Bulletin 11, Volume 2, 01 Specification, 02 TS	TS 500 - 60	9) Roofing Works and Exterior Finishing a. Metal Canopy	Zinc coated steel sheet T=0.6mm, H=25mm	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 01 S07 Arch	NSRP-DWG-MPS-AR-3601	Typical Roof Plan	0.6mmthk Long Span Rib Type Metal Roofing, Flourourethane painted Finish	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	-	-	-	Typical Section	Pre-painted Hi-Rib Zinc - Aluminum - Magnesium (ZAM) Roofing	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Bid Bulletin 11, Volume 1A, Section 4A BOQ	-	Bill of Quantities 4-2.18 Depot Motorbike Parking Shed	BOQ D512(2) Pre-painted Hi-Rib Zinc-Aluminum-Magnesium (ZAM) Roofing	If specification will govern please verify BOQ item D512(2).	<i>The BOQ shall be revised for the appropriate Item of Work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Volume 2, 02 Book 2 (Architectural), 01 S07 ARCH Bid Bulletin 11, Volume 1A, Section 4A BOQ	NSRP-DWG-LOS-AR-3201 AND NSRP-DWG-LOS-AR-3501 NSRP-DWG-LOS-AR-3601	2/-: Right Side (East) Elevation 3/-: Left Side (West) Elevation 4/-: Rear Side (South) Elevation 6/-: Blow Up Section Exterior Schedule Of Finishes: Chb Wall Bill Of Quantities 4-2.5 Oil Storage For Light Repair Shop	LRS Oil Storage Reinforced Concrete Wall, Paint Finish 150mmthk CHB with 25mmthk Plaster both sides; Elastomeric Paint Finish BOQ - 412(4) CHB Wall, Non-Load Bearing, (Including Reinforcing Steel); t=150mm	a) Drawing NSRP-DWG-LOS-ST-4111_[21.1] and NSRP-DWG-LOS-AR-3201 - walls are reinforced concrete b) Schedule of Finishes NSRP-DWG-LOS-AR-3601 - 150mmthk CHB w/ 25mm plastered both sides, paint finish c) BOQ 412 (4) CHB Wall NLB (32 sq.m.) and 405(8)b (1 cu.m.only) Query: Please verify conflict	<i>1.) Architectural drawing sheet NSRP-DWG-AR-LOS-3601 to be revised and issued in Addendum 3 2.) Yes it should be RC Wall. BOQ will be revised and issued in Addendum 3 412(4) - CHB Wall, Non-Load Bearing, (Including Reinforcing Steel); t=150mm (to be deleted); and 405(8)b - Structural Concrete, Class "AAA" (31 Mpa) for Reinforced Concrete Wall (RCW) (quantity to be revised).</i>

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S-07	2	Volume 2, 02 Book 2 (Architectural), 01 S07 ARCH	TS 500 - 394 NSRP-DWG-FPH1-AR-3201 NSRP-DWG-FPH1-AR-3101	TS 548 Painting Exterior Schedule Of Finishes 3/-: Left Side (West Elevation) 4/-: Right Side (East Elevation)	548.2.4 Schedule of Finishes "Paint finishes shall be as specified on the Drawings." Fire Pump House 1 a) Schedule of Finishes: 150mmthk with 25mmthk Plaster on both sides, elastomeric painted finish b) Plan: Plain cement plaster CHB wall with Semi Gloss Latex	please verify conflict in plan. which paint finish shall govern.	<i>a) Schedule of Finishes: 150mmthk with 25mmthk Plaster on both sides, elastomeric painted finish will govern. Sheet NSRP-DWG-FPH1-AR-3101 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 01 S07 Arch Bid Bulletin 11, Volume 1A, Section 4A BOQ	NSRP-DWG-WPH1-AR-3201	Pump House for Fire Water Tank 1 Bill of Quantities 4-2.13	Trench Drain w/ Stainless Steel Grating BOQ 405(7)b Structural Concrete, Class "AAA" (31 Mpa) for Slab on Fill (At-Grade Beam) 403(1) Reinforcing Steel, Grade 40	Please verify there is trench drain in plan, Please confirm if the concrete and reinforcement is included in BOQ payitem 405(7)b and 403(1) respectively.	<i>Please refer to drawing No. NSRP-DWG-WPH1-AR-3011 Rev21. It is confirmed that the BOQ Item 405(7)b covers the (structural) concrete while Item 403(1) pertains to the reinforcement (i.e. Reinforcing Steel, Grade 40)</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 01 S07 Arch Bid Bulletin 11, Volume 1A, Section 4A BOQ	NSRP-DWG-WPH2-AR-3201	Pump House for Fire Water Tank 2 Bill of Quantities 4-2.15	Trench Drain w/ Stainless Steel Grating BOQ 405(7)b Structural Concrete, Class "AAA" (31 Mpa) for Slab on Fill (At-Grade Beam) 403(1) Reinforcing Steel, Grade 40	Please verify there is trench drain in plan, Please confirm if the concrete and reinforcement is included in BOQ payitem 405(7)b and 403(1) respectively.	<i>Please refer to drawing No. NSRP-DWG-WPH2-AR-3011 Rev21. It is confirmed that the BOQ Item 405(7)b covers the (structural) concrete while Item 403(1) pertains to the reinforcement (i.e. Reinforcing Steel, Grade 40)</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 01 S07 ARCH	NSRP-DWG-WRS-AR-3501 NSRP-DWG-WRS-AR-3601	Meeting room blow-up plan Interior schedule of finishes: meeting room - floor	WRS 600mm x 600mm x13mm Homogenous Floor Tile 600mm x 600mm Vitrified Ceramic Floor Tiles	Please verify conflict in plan, which shall govern	<i>"600mm x 600mm x13mm Homogenous Floor Tile" will govern. Sheet NSRP-DWG-WRS-AR-3601 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 01 S07 ARCH	NSRP-DWG-WRS-AR-3501 NSRP-DWG-WRS-AR-3601	3/-: Section Interior Schedule Of Finishes: Meeting Rm - Wall Finishes	WRS 0.60 mmthk Composite Metal Wall Panel With 102mm Thk Polyisocyanura Te Foam Insulation; Pre-Painted Finish With 12mmthk Gypsum Board Dry Lining At Interior On Standard Metal Framing 300mmx600mm Glazed Ceramic Wall Tile With Waterproofing	Please verify conflict in plan, which shall govern	<i>"0.60 mm thk Composite Metal Wall Panel With 102mm Thk Polyisocyanura Te Foam Insulation; Pre-Painted Finish With 12mmthk Gypsum Board Dry Lining At Interior On Standard Metal Framing" will govern. Sheet NSRP-DWG-WRS-AR-3601 will be revised and issued in Addendum 3</i>

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S-07	2	Volume 2, 02 Book 2 (Architectural), 01 S07 ARCH	NSRP-DWG-WRS-AR-3301 NSRP-DWG-WRS-AR-3601	Reflected Ceiling Plan: Toilet Rm - Ceiling Finishes Interior Schedule Of Finishes: Toilet Ceiling Finishes	WRS 600mm x 600mm x 12mmthk. Acoustic Board With Foil Backing 12mmthk Moisture Resistant Gypsum Board on Standard Metal Frame (M-BAR) with Painted Finish	Please verify conflict in plan, which shall govern	<i>Schedule of finishes will govern. NSRP-DWG-WRS-AR-3301 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 01 S07 ARCH Bid Bulletin 11, Volume 1A, Section 4A BOQ	TS 500 Architectural Works NSRP-DWG-MPS-AR-3601	2) Site Work MPS Exterior Schedule Of Finishes 2/-: Motorbike Parking Shed Section Bill Of Quantities4-2.18 Depot Motorbike Parking Shed	Reinforced concrete with Stainless Steel grating 9mmthk. Stainless Steel grating 325mm x 350mm Catch Basin with 9mmthk. Cast Iron Gratings BOQ D506(3)f Stainless Steel Gratings for Catch Basin	Please verify conflict in plan. Please confirm if Stainless Steel Grating shall govern as per Technical Specs and BOQ.	<i>Stainless steel gratings will govern. Architectural drawing sheet NSRP-DWG-MPS-AR-3601 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 01 S07 ARCH	NSRP-DWG-CNT-AR-3811 NSRP-DWG-CNT-AR-3601	Gf Reflected Ceiling Plan Interior Schedule Of Finishes	Canteen Cf3: 600x600x12mm Thk. Acoustic Ceiling Board With Foil Backing 12mmthk Moisture Resistant Gypsum Board On Ga#24 Metal Frames	Please verify conflict in plan for Ceiling finishes of Kitchen and Dining Area. Which shall govern.	<i>GF Reflected Ceiling Plan will govern. Sheet NSRP-DWG-CNT-AR-3601 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02 Book 2 (Architectural), 01 S07 ARCH	DRG. NO. NSRP-DWG-CNT-AR-3101 & NSRP-DWG-CNT-AR-3201 DRG. NO. NSRP-DWG-CNT-AR-3601	Floor Plan & 2/-: South Elevation Schedule Of Door	Canteen D2 (1100x2700mm Single-Leaf Fire-Rated Steel Flush Door W/ Glass & Louver Transom; In Flourourethane Oven-Baked Fin. Steel Sheet T=1.6 Frame Glass Pane: 6.0 Thk. Frosted Refer To W1 For The Finish Of Glass Panel & Aluminum Louver Transom) D3: 900x2100mm Single-Leaf Sliding Hanger Door; In Flourourethane Oven-Baked Fin. Steel Sheet T=1.6 Frame Glass Pane: 6.0 Thk. Frosted Louver: Louver W/ Stainless Insect Screen	Please verify conflict in plan. Which shall govern.	<i>Schedule of Doors (D3) will govern. Sheets NSRP-DWG-CNT-AR-3101, 3201 will be revised and issued in Addendum 3</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	2	Bid Bulletin 11, Volume 2, 01 Specification, 02 TS	TS 500 - 60	9) Roofing Works and Exterior Finishing a. Metal Canopy	Zinc coated steel sheet T=0.6mm, H=25mm	If specification will govern please verify BOQ item D512(2).	<i>TS500 will be revised in Addendum 3</i>
S-07	2	Volume 2, 02_Book 2 (Architectural), 01 S07 Arch	DRG. NO. NSRP-DWG-SH1-AR-3101 / NSRP-DWG-SH1-AR-3601	Roof Plan / Exterior Schedule Of Finishes	Pre-Painted Hi-Rib Zinc - Aluminum - Magnesium (Zam) Roofing: Alzinc Steel Sheet T=0.6mm, H=25mm	If specification will govern please verify BOQ item D512(2).	<i>Architectural drawing sheet NSRP-DWG-SH1-AR-3101 will be revised and issued in Addendum 3</i>
S-07	-	-	DRG. NO. NSRP-DWG-SH1-AR-3101	7/-: Cross Section & 8/-: Longitudinal Section	0.6mm Thk. Long Span Rib Type Metal Roofing, Fluorourethane Painted Finish	If specification will govern please verify BOQ item D512(2).	<i>Architectural drawing sheet NSRP-DWG-SH1-AR-3101 will be revised and issued in Addendum 3</i>
S-07	-	-	DRG. NO. NSRP-DWG-SH1-AR-3201	Elevations	Pre-Painted Insulated Roof Panels With Polyisocyanurate (Pir) Insulation; Fluorourethane Pre-Painted Finished: Composite Roof Panel: Top & Bottom Skin Alzinc Steel Sheet Thk.= 0.6mm, H-108,; Polyisocyanurate (Pir) Density: 32-35kg/M3	If specification will govern please verify BOQ item D512(2).	<i>Architectural drawing sheet NSRP-DWG-SH1-AR-3201 will be revised and issued in Addendum 3</i>
S-07	1A	Bid Bulletin 11, Volume 1A, Section 4A BOQ		Bill of Quantities 4-2.16 Security House 1	BOQ D512(2) Pre-painted Hi-Rib Zinc-Aluminum-Magnesium (ZAM) Roofing	If specification will govern please verify BOQ item D512(2).	<i>Architectural drawing sheet NSRP-DWG-SH1-AR-3101, 3201 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02_Book 2 (Architectural), 01 S07 Arch Bid Bulletin 11, Volume 1A, Section 4A BOQ	DRG. NO. NSRP-DWG-SH1-AR-3601 DRG. NO. NSRP-DWG-SH1-AR-3503	Schedule Of Door 2/-: Section Bill of Quantities 4-2.16 Security House 1	Security House 1 D1: 600x2100mm Single-Leaf Fire-Rated Steel Flush Door W/ Bottom Louver; In Fluorourethane Oven-Baked Fin. Steel Sheet T=1.6 Frame Louver: Ss Sheet T-2.0 W/ Insect Screen PVC Door with Louver D526(18)a D1 for Security House: W600mm x H2100mm, Single Leaf Fire-Rated Steel Flush Door with Bottom Louver, Fluoroure Baked Finish	Please verify conflict in plan. Which shall govern. a. if PVC Door, please provide pay item	<i>Door schedule will govern. Sheet NSRP-DWG-SH1-AR-3503 will be revised and issued in Addendum 3</i>

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S-07	2	Volume 2, 02_Book 2 (Architectural) , 01 S07 Arch Bid Bulletin 11, Volume 1A, Section 4A BOQ	DRG. NO. NSRP-DWG- SH1-AR-3601	Exterior Schedule Of Finishes Interior Schedule Of Finishes Bill of Quantities4- 2.16 Security House 1	0.50mm Thk. Pre-Painted Spandrel Metal Ceiling Exposed Underside Of Pir Insulated Steel Roofing BOQ D544(3) Pre-Painted Spandrel Metal Ceiling	Please verify conflict in plan. Which shall govern.	<i>Architectural drawing sheet NSRP-DWG-SH1-AR-3601 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02_Book 2 (Architectural) , 01 S07 Arch	NSRP-DWG- LRS-AR-3006 NSRP-DWG- LRS-AR-3812	LRS Interior Schedule Of Finishes Reflected Ceiling Plan - Ground Level	LRS Cf3: 600 X 600 X 12mm Thk Acoustic Ceiling Boards With Foil Backing Cf4: 12mm Thk Moisture-Resistant Gypsum Board On Metal Frames, Paint Finish	For Lactation Room Ceiling Finishes, please verify conflict in plan. Which shall govern.	<i>CF4 will govern. Sheet NSRP-DWG-LRS-AR-3006 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02_Book 2 (Architectural) , 01 S07 Arch	NSRP-DWG- LRS-AR-3418 NSRP-DWG- LRS-AR-3812	Sections Reflected Ceiling Plan - Ground Level	LRS 12mm Thk Moisture-Resistant Gypsum Board On Metal Frames, Paint Finish Cf3: 600 X 600 X 12mm Thk Acoustic Ceiling Boards With Foil Backing	For Managers Room Toilet Ceiling Finishes, please verify conflict in plan. Which shall govern.	<i>"12mm Thk Moisture-Resistant Gypsum Board On Metal Frames, Paint Finish" will govern. Sheet NSRP-DWG-LRS-AR-3812 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02_Book 2 (Architectural) , 01 S07 Arch	NSRP-DWG- LRS-AR-3006 NSRP-DWG- LRS-AR-3812	LRS Interior Schedule Of Finishes Reflected Ceiling Plan - Ground Level	LRS Cf3: 600 X 600 X 12mm Thk Acoustic Ceiling Boards With Foil Backing Cf1: Exposed Underside Of Metal Roofing	For Pantry Ceiling Finishes, please verify conflict in plan. Which shall govern.	<i>CF3 will govern. NSRP-DWG-LRS-AR-3812 will be revised and issued in Addendum 3</i>
S-07	2	Volume 2, 02_Book 2 (Architectural) , 01 S07 Arch	NSRP-DWG- LRS-AR-3006 NSRP-DWG- LRS-AR-3831	LRS Interior Schedule Of Finishes Wall Schedule And Details	LRS W3: 12mm Thk Moisture-Resistant Gypsum Board On Metal Frames, Paint Finish W9: 2h- 200mm Thk Chb Wall	for Pantry Wall Type/Finishes, Please verify conflict in plan. Which shall govern	<i>W9 to govern. NSRP-DWG-LRS-AR-3006 will be revised and issued in Addendum 3</i>

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S-07	2	Bid Bulletin 11, Volume 2, 01_Spec-02 TS, Part 2 Sec IC TS 500 Architectural 20201216	TS 500 - 251	524 Roof Accessories 524.2.2 Materials	Skylight In Clark International Airport (Cia) Station Shall Be 4mm Thick One (1)-Piece Pyramidal Polycarbonate Dome And 900 X 900mm In Size As Per Engineer's Design And Dimension	Please verify conflict in Technical Specification. Which shall govern.	<i>NSRP-SL shall use 4mm thk. polycarbonate sheet skylight roofing at locations as specified in the drawings.</i>
S-07	2	Volume 2, 02_Book 2 (Architectural), 01 S07 Arch	NSRP-DWG-LRS-AR-3402 NSRP-DWG-LRS-AR-3582	Light Repair Shop - Section Details Light Repair Shop - Miscellaneous Details	Reinforced Concrete Pit	Please provide longitudinal section and structural details of the reinforced concrete pit (as shown) for Light Repair Shop (LRS) Service Pit.	<i>To be revise/added in architectural drawings NSRP-DWG-LRS-AR-3402, 3582 will be revised and issued in Addendum 3</i>
S-05	1	Volume 1 & Sec No 1-3	EQC 16	'EQC 1.4.3	Capability of mobilizing the key personnel for each individual package shall be evaluated.	Personel to be used for CP S05, can be used the same person to CP S06 or CP S01? How is the evaluate?	<i>The evaluation will be purely based on the requirements stated in the Bidding Documents. Where personnel can be reasonably shared between individual contracts, the Bidder shall demonstrate in detail the contracts can be implemented simultaneously and on time. The acceptance of proposed shared personnel is subject to full discretion of the Employer.</i>
S-05	-	-	-	-	-	Bidder would like to seek information in case of change in the proposed subcontractor/supplier and/or personnel in the Bid during the implementation of the Contract; - Is it possible to propose such changes? - If so, Bidder would like to understand if there are any provisions or regulations by the Employer in relation to such change.	<i>In certain circumstances, it may be possible to propose changes in subcontractors and or personnel with detailed justification subject to the Engineer's approval</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	SS15 & SS16-ST-4312, SS18-ST-4311	-	Cinder Concrete	As per the drawings, the Cinder Concrete is applied on the foundation. However the same is not measured in the BOQ. → Kindly provide the item and quantity with specification.	<i>The BOQ shall be revised to include the Cinder Concrete. Updated BOQ shall be issued as Addendum 3.</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	SS18-AR-3022	-		The Sub-station No 18 is not introduced the Sub-station Building Type in the drawing. → Please provide the Sub-station Building Type for No 18.	<i>SS18 is Building Type-2. Please refer to NSRP-DWG-SS00-AR-3009.</i>
S-06	2	Volume 2 & Section 6 (IC Technical Specifications)	TS-500- 488	TS 500	564 HARDSCAPE (External Works) AND RELATED FACILITIES	564.1.2 Termite Control It is specified 'Termite Control shall be carried out whole Station area'. But not measured BOQ. → If the same is required, please provide the BOQ with specification and demarcation on the drawings.	<i>(1)Please refer to the Updated BOQ, Addendum 1; Bill No.s 4-1, 4-2 and 4-3; Item No. 502(6)-Soil Treatment / Poisoning. (2)Drawings (for demarcation) care-of the Design Team.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	Volume 2 & Section 6 (IC Technical Specifications)	TS-500- 488	TS 500	564 HARDSCAPE (External Works) AND RELATED FACILITIES	BOQ Item 564(28) - 95mm x 905mm x 100mm Loading Dock Rubber Buffer → The specification does not provide the same item. Kindly provide the specification and detail drawings.	<i>Refer to TS400 Sec 417 Elastomecti Bearing Pad for specifications.</i>
S-06	2	Volume 2 & Section 6 (IC Technical Specifications)	TS 500-79	TS 500	502. ARCHITECTURAL CONCRETE FINISHES	6) of 502.1.1 General It is specified 'Termite Control and damp-proofing under the Architectural Concrete on grade shall be carried'. But the same is not shown on the drawings and BoQ. → Kindly advise which item bidder include the same and provide the location on the drawings.	<i>(1)Please refer to the Updated BOQ, Addendum 1; Bill No.s 4-1, 4-2 and 4-3; Item No. 502(6)-Soil Treatment / Poisoning. (2)Specification and Drawings will be revised and issued in Addendum 3</i>
S-06	2	Volume 2 & Section 6 (IC Technical Specifications)	TS 500-79	TS 500	502. ARCHITECTURAL CONCRETE FINISHES	4) of 502.1.4 Submittals It is specified 'Mock-up: The Contractor shall provide Insitu Terrazo finish Bench of 600mm x 2500mm with materials on the reinforcement concrete base at the site'. But there is no relevant items in BOQ. → Kindly clarify whether it is under bidder's scope.	<i>The BOQ shall be revised to include the bench. Updated BOQ shall be issued as Addendum 2.</i>
S-06	2	Volume 2 & Section 6 (IC Technical Specifications)	TS-500- 440	TS 500	555.1.6 Billboard Signs	It is specified that Billboard signs shall be erected by the Contractor at the entrances to the car parking area (2 signs), at the entrance to the auto-rickshaw parking area (1 sign) and at the entrance to the rickshaw parking area (1 sign), all adjacent to the Station Buildings. Billboard signs shall also be placed at the egress points from the same parking areas (5 signs). But the quantities in BoQ are as below; 1) CABUYAO STATION: Item No P555(4) - 6 Nos 2) BANLIC STATION: Item No P555(4) - 8 Nos 3) CALAMBA STATION: Item No P555(4) - 10 Nos → Kindly advise which one is bidder's consideration.	<i>(1)The BOQ Items for the Billboard are based from the drawing Nos. NSRP-DWG-CAB-AR-3631 to 3633; NSRP-DWG-BAN-AR-3631 to 3633 and NSRP-DWG-CAL-AR-3631 to 3633. (2)Technical Specification concerns, care-of the Design Team/Specifications Expert.</i>
S-06	2	Volume 2 & Section 6 (IC Technical Specifications)	TS-500- 489	TS 500	565 TOUCH VOLTAGE INSULATION AND WATERPROOFING MEMBRANE	565.1.2 Work of this Section 1) Bituminous Primer 2) Bituminous Asphalt Compound 3) Touch Voltage Insulation Membrane → Kindly clarify whether the cost for the above works are included in ITEM 565 (1) in BoQ or considered as separate items.	<i>The BOQ Item 565(1) covers the Bituminous Primer, Bituminous Asphalt Compound and Touch Voltage Insulation Membrane as set forth in the Technical Specifications. Please refer to TS 500, Section 565-Touch Voltage Insulation and Waterproofing Membrane, Clause 565.1-The Work, which states that "The work in this section shall consist of the manufacture/supply, delivery and installation onsite of voltage insulation and waterproofing membrane system, including all anchorage provisions, in accordance with this Specification and in conformity with the Drawings or as established by the Engineer". Please also refer to the Sub-Clause 565.1.2-Work of this Section.</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	SS00-AR-3009,3015	-	GAS CYLINDER ROOM	There is shown the Gas Cylinder Room in the plan drawings. But the detail drawings for structure, finishes with door are not provided. → Kindly provide the relevant drawings, if it is under bidder's scope.	<i>Drawings will be provided in Addendum 3</i>

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S-06	2	Volume 2 & Section 6 (II Drawings)	SS00-AR-3005, 3009, 3015	-	Sub-station/ DOOR SCHEDULE	Please clarify the metal door in the Sub-station. There is discrepancy between the Schedule, BOQ and DWG. The Schedule and BOQ shows only (D1) door however, DWG shows (D2) door.	<i>The BOQ shall be revised to include W1. Updated BOQ shall be issued as Addendum 3</i>
S-06	1A	Volume 1A & Section 4A	Bill No 6	Item 526	WINDOWS	As per the drawing No SS00-AR-3009/3012/3015, W1 is shown on the drawings. But not measured in the BoQ. → Kindly provide the item with quantity.	<i>The BOQ shall be revised to include W1. Updated BOQ shall be issued as Addendum 2.</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-ST-4111 CAB-ST-4302	-	-	Ref. drawing show discrepancies between pile cap dimension. Please confirm which one to follow in order for us to evaluate and price accordingly.	<i>The pile cap dimensions have already been updated on sheets NSRP-DWG-CAB-ST-4111 and NSRP-DWG-CAB-ST-4302 rev 21.2</i>
S-06	1A	Volume 1A & Section 4A	Bill No 4	-	External Works (Hard Scape)	The following items are not provided the drawings Bill No 4-1: Item No 129(2)a, 129(2)b, 130(2)d, 131(2)e, 129(4), 129(5) Bill No 4-2: Item No 129(2)a, 129(2)b, 129(2)d, 129(4) Bill No 4-3: Item No 129(2)a, 129(2)d, 129(2)e, 129(2)f, 129(4) → Kindly provide the detail drawings.	<i>For road signs drawings, please refer to the following drawings: CABUYAO STATION: NSRP-DWG-VIA6-CW-2000 SERIES BANLIC STATION: NSRP-DWG-VIA06-CW-2000 SERIES CALAMBA STATION: NSRP-DWG-VIA06-CW-2000 SERIES</i>
S-06	1A	Volume 1A & Section 4A	Bill No 4	-	External Works (Hard Scape) / External Works (Softscape)	The relevant drawing provided for each station is only layout. → Kindly provide more detail drawings in order to review & evaluate the cost.	<i>Refer to response to query above and NSRP-DWG-STA-AR-3570.</i>
S-06	2	Volume 2 & Section 6 (IC Technical Specifications)	TS 500-246	-	TENSILE MEMBRANE ROOF STRUCTURE (TMRS)	As per the sub-clause 523.1.1 (General) 523.2.3 (Fabrication), there are the following requirements for suppliers. - Experience: 20 years (Inc. Philippines) / 20 MTR Stations - Own factory with a solid background of over 20 years - Capacity: over 5,000 m2/mth → Are the above mandatory?	<i>Yes, Bidder shall comply with the requirements. The Bidder shall submit detailed justification to demonstrate the capacity should the Bidder propose a supplier with slightly different experience as required.</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	STA-AR-3556, CAB/BAN/CAL-STL4522	-	BEAM BUFFERING	→ Kindly provide the size and specification for Rubber buffer.	<i>The size of the Buffer Beaming is provided on NSRP-DWG-CAB-ST-4522, NSRP-DWG-BAN-ST-4522, and NSRP-DWG-CAL-ST-4522 rev. 21 For specifications, refer to TS 400 Sec. 417 Elastomeric Bearing Pad 2. Use 300mm x 900mm fabric-reinforced laminated (between structural steel angles) rubber dock bumper. Detail will be added on sheet NSRP-DWG-STA-AR-3556.</i>

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S-06	1A	Volume 1A & Section 4A	Bill No 6	-	102(1)a: Unsuitable Excavation at dry 103(1)a: Embankment (Selected Borrow Materials)	Regarding the Item no 102(1)a & 103(1)a in Bill No 6-1 to 4, the quantities provided are not verified due to no drawings. → Kindly advise the computations.	<i>PIN 102(1)a: Unsuitable Excavation at dry conditions is the volume of soil to be removed in the whole of Substation area, including the Site Development Plan (SDP), necessary for the installation of Soil Improvement by Crushed Stones.</i> <i>103(1)a: Embankment (Selected Borrow Materials) is the volume of soil to necessary to backfill the Site Development area after Crushed Stones and other structures are completed.</i>
S-06	-	-	-	Electrical	-	Please note that as per the drawing NSRP-DWG-CAB-EL-5900, the rating of ATS is shown as 225A. However as per the Item No 718(1)a of Bill of Quantities No 4-1, the rating is shown as 150A. Kindly confirm the rating to be considered.	<i>Rating of ATS is 150 AT. Kindly refer to drawing NSRP-DWG-CAB-EL-5900 rev 21.2</i>
S-06	-	-	-	Electrical	-	Please note that as per the drawing NSRP-DWG-BAN-EL-5900, the rating of ATS is shown as 225A. However as per the Item No 718(1)a of Bill of Quantities No 4-2, the rating is shown as 150A. Kindly confirm the rating to be considered.	<i>Rating of ATS is 150 AT. Kindly refer to drawing NSRP-DWG-CAB-EL-5900 rev 21.2</i>
S-06	-	-	-	Electrical	-	Please note that Bill of Quantities No 4-1 & 4-3 measures Item No 718(1)b - 'ATS, 1200A, 4P in NEMA 4x Enclosure'. However the same item is not measured in Bill of Quantities No 4-2. Kindly clarify.	<i>There is no ATS rating 1200A. Rating of ATS for FP-DB, is 800A,4P in Nema 4x Enclosure.</i>
S-07	2	Volume 2	-	S07_DWG List	CP S-07_23_AR_CNT	Please provide Architectural Drawing of Canteen Building.	<i>Canteen Architectural drawings were provided. See issued Rev21 (NSRP-DWG-CNT-AR-3001 to 3861).</i>
S-07	-	BOQ	-	Bill No.2 Part D Item 206(6)b	Electrical Manhole	Please provide electrical manhole drawings.	<i>Electrical manhole drawing details will be issued in Addendum 3</i>
S-07	-	BOQ & Drawing	-	Bill No.2 Part D Item 206(10)i1 NSRP-DWG-DEP-RD-1926 NSRP-DWG-DEP-RD-8504	Crash stone layer (200mm)	As per BOQ the crash stone are included, however in the drawings it is not shown. Please clarify.	<i>Drawing to be revised and updated under rev.21.2</i>
S-07	-	Drawing	-	NSRP-DWG-OCC-ST-4201 & 4211	W30	Please provide detail of "W30" as shown in the drawing.	<i>Detail for W30 to be provided on NSRP-DWG-OCC-ST-4342 which will be issued in Addendum 3</i>
S-07	-	Drawing	-	NSRP-DWG-DEP-RD-8014	OCS Pole	Please provide layout plan for the locations of OCS pole.	<i>Location of OCS poles will be provided in Addendum 3</i>
S-07	-	Drawing	-	NSRP-DWG-DEP-RD-1827	Column rebar ties	Please provide spacing of 10mm rebar ties for column.	<i>Drawing to be revised and updated under rev.21.2</i>

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S-07	-	Drawing	-	NSRP-DWG-OCC-AR-3531 & 3532	CHB wall rebar	Please provide rebar detail of CHB wall.	<i>These sheets cover wall schedule details. See architectural drawing NSRP-DWG-OCC-AR-3531,3531 Rev21.</i>
S-07	-	BOQ Drawing	-	Bill No.2 Part D Item 206(6)i NSRP-DWG-DEP-RD-8504	Concrete Strength for L-Type Retaining Wall	The concrete strength of retaining wall structure as per BOQ is 40MPa, while as per drawing NSRP-DWG-DEP-RD-8504 note 1 is 28MPa. Please clarify.	<i>The BOQ shall be revised for appropriate concrete strength of the retaining wall structure. Updated BOQ shall be issued as Addendum 3.</i>
S-07	-	Drawing	-	NSRP-DWG-DEP-DR-2710	-	Please provide rebar detail of Manhole Type J & K.	<i>Rebar details of manholes will follow reinforcement schedule located in NSRP-DWG-DEP-DR-2701.</i>
S-07	-	BOQ	-	Bill no. 4-2.3 item 402(7) Bill no. 4-2.8 item 402(7) Bill no. 4-2.9 item 402(7) Bill no. 4-2.10 item 402(7) Bill no. 6.1 item 402(7)	-	Please clarify the unit measurement of test pile, "l.m." or "nos."	<i>The unit measurement of Test Pile is "lm". The BOQ shall be revised for the appropriate unit measurement of Test Pile. Updated BOQ shall be issued as Addendum 2.</i>
S-07	-	BOQ	-	Bill no.4-1.2 item D607(4)b & a Bill no.4-2.1 item D607(4)b & a Bill no.4-2.2 item D607(4)b & a	Compressed Air System	Please advise if we will Supply & Install the Air Compressors, Air Receivers and Air Dryers. In BOQ, the line items only include piping works.	<i>The supply and installation of the Air Compressors, Air Receivers and Air Dryers are excluded from the Scope of Work (SoW).</i>
S-07	-	Drawing Specification	-	NSRP-DWG-OCC-AR-3414 Section 6 – 552.2.2	-	There is conflict in the specs of toilet partition. Architectural specs material description is S/S hairline finish while the Architectural Plan material description is ¾ phenolic. Which will prevail?	<i>¾ phenolic board will prevail. See Rev 21</i>
S-07	-	BOQ	-	Bill no. 4-1.1 item D536(5)	-	Please provide us details/specs of granite slab countertop and granite lintel.	<i>Already provided in drawing NSRP-DWG-OCC-AR-3415. See Rev 21</i>
S-07	-	BOQ	-	Bill no.4-1.1 item D527(1) e to h	Aluminum mechanical louver/false louver	Please provide us the schedule and drawing of the following Aluminum Mechanical Louver/False Louver: W73100mm x H600mm W56550nn x H600mm W7000mm x H600mm W17000mm x H600mm	<i>This is to be added to the architectural drawing NSRP-DWG-OCC-AR-3621, 2641-3642 will be revised and issued in Addendum 3</i>
S-07	1A	Volume 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>The Pre-Painted Hi-Rib Zinc Aluminum Magnesium (ZAM) Roofing shall be used for the Canopy Roofing. Please refer to the drawing No. NSRP-DWG-LRS-AR-3006 Rev21; Light Repair Shop Exterior Schedule of Finishes, Mark 4 - Canopy Roofing.</i>

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S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 Light Repair Shop	-	There is no slab to H=3600 on the drawing In the office area. Please confirm where to hang the ceiling board. And, Please confirm also Height of CHB(150,300) and Gypsum Board Wall. It means the actual Construction Height.	<i>For ceiling, it was suspended from structural frames (see issued NSRP-DWG-LRS-AR-3521 as Rev21 Sep21,2020). CHB has 150 height (see DWG-LRS-AR-3524 & 3531 as Rev21)</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.2 Wheel Re-Profiling Shop	-	High-Performance Urethane Coatings (Masonry Painting) : There are not Masonry(CHB) wall area in LRS. Please confirm which section this material is applied.	<i>Bill No. 4-2.2 is the Wheel Re-Profiling Shop (WRS). For the WRS, the High-Performance Urethane Coatings shall be applied for the Work Area. Please refer to drawing No. NSRP-DWG-WRS-AR-3601 Rev21; Interior Schedule of Finishes; Work Area, Wall Finishes, Item (B).</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.2 Wheel Re-Profiling Shop	-	There is no detailed drawing. Please confirm which section this material is applied. - T=50mm, Plain Cement Troweled Finish with Hardner - T=200mm, Tampered Concrete Including Wire Mesh with Hardner	<i>Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.2 Wheel Re-Profiling Shop	-	High-Performance Urethane Coatings (Masonry Painting) : There are not Masonry(CHB)wall area in WRS. Please confirm which section this material is applied.	<i>The BOQ shall be revised for appropriate painting works. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.5 Oil Storage For Light Repair Shop	-	High-Performance Urethane Coatings (Masonry Painting) : There are not CHB wall area in LOS. Please confirm which section this material is applied. (Quantity of BOQ : 32m2	<i>Please refer to drawing No. NSRP-DWG-LOS-AR-3601 Rev21; Exterior Schedule of Finishes, Item CHB Wall.</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.5 Oil Storage For Light Repair Shop	-	High-Performance Urethane Coatings (Masonry Painting) : There are not Masonry(CHB)wall area in LOS. Please confirm which section this material is applied.	<i>Please refer to drawing No. NSRP-DWG-LOS-AR-3601 Rev21; Exterior Schedule of Finishes, Item CHB Wall.</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.9 Track Maintenance Office	-	There is no detailed drawing. Please confirm which section this material is applied. - T=50mm, Plain Cement Troweled Finish with Hardner	<i>The BOQ shall be revised for appropriate finishing works. Updated BOQ shall be issued as Addendum 3.</i>

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S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.9 Track Maintenance Office	-	Based on the drawing, the section where the double wall is applied cannot be found. Please check which section is applied	<i>We shall not use a double wall and instead, we shall use different finishes for the maintenance area and workspace. What were specified in the drawing and section is that for maintenance area, we shall use insulated wall panel and or workspace is 12mm thk gypsum board (see issued NSRP-DWG-TMO-AR-3501 as Rev21).</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.9 Track Maintenance Office	-	High-Performance Urethane Coatings (Masonry Painting) : There are not Masonry(CHB)wall area in TMO. Please confirm which section this material is applied.	<i>The BOQ shall be revised for appropriate painting works. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.11 Distribution Board Space 1	-	There is no detailed drawing. Please confirm which section this material is applied. - T=50mm, Plain Cement Troweled Finish with Hardner	<i>The Design Team shall issue detailed drawing. The Drawings shall be issued as Addendum 2.</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.15 Pump House for Fire Water Tank2	-	There is no detailed drawing. Please confirm which section this material is applied. - T=50mm, Plain Cement Troweled Finish with Hardner	<i>The BOQ shall be revised for appropriate finishing works. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.20 Canteen	-	There is no detailed drawing. Please confirm which section this material is applied. - T=200mm, Tampered Concrete Including Wire Mesh with Hardner	<i>The BOQ shall be revised for appropriate item of work. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 6-1 S.Depot Sectioning Post	-	High-Performance Urethane Coatings (Masonry Painting) : CHB Wall in DSP are applied with Plaster finish. But, The quantity of CHB in the BOQ is 213m2. Please confirm which section this material is applied.	<i>The BOQ shall be revised for appropriate item of work and quantity. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 6-1 S.Depot Sectioning Post	-	Quantity of 150mm THK CHB Wall and Plain Cement Plastered are higher than our Quantity. (70% Difference) Please confirm and send us detail drawing or another drawing.	<i>The BOQ shall be revised for appropriate item of work and quantity. Updated BOQ shall be issued as Addendum 3.</i>
S-07	1	Volume 1 1.3 CP S-07 Vol.1A Sec.4A BOQ	-	Bill No. 4-1.1 F5	Duplex Receptacle, 15A, 250V, 3W Grounding Type, Floor Mounted	There is No Duplex Receptacle, 15A, 250V, 3W Grounding Type, Floor Mounted (27EA) on the BOQ. Please clarify.	<i>Please refer to the Updated BOQ, Addendum 1; Bill No. 4-1.1, Part F.5-Electrical Works, Receptacle Outlet, Item D708(4)u.</i>

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S-07	1	Volume 1 1.3 CP S-07 Vol.1A Sec.4A BOQ	-	Bill No. 4-1.2 F5	Smoke Detector	It is believed that the quantity of Smoke Detector on the BOQ (88EA) is only for the Shop Floor (NSRP-DWG-LRS-EL-6111) without counting of Lower & Upper Maintenance Deck (NSRP-DWG-LRS-EL-6112). Please clarify.	<i>Please refer to the Updated BOQ, Addendum 1; Bill No. 4-1.2, Part F.5-Electrical Works, Fire Detection and Alarm System, Item D716(4).</i>
S-07	1	Volume 1 BOQ	-	Bill No. 4-1.1	OCC	Please clarify below items' discrepancy between BOQ and Drawing. 1. ITEM NO : D611(1)aq ACC-312 - BOQ : 2 SET / DWG : 1 SET 2. ITEM NO : D611(1)bx ACC-506 - BOQ : 2 SET / DWG : 1 SET 3. ITEM NO : D624(1)b HRV-02 - BOQ : 10 EA / DWG : 11 EA 4. ITEM NO : D624(1)c HRV-03 - BOQ : 5 EA / DWG : 4 EA 5. ITEM NO : D619(16) Electric Water Instantaneous Water Heater - BOQ : 32 SET / DWG : 37 SET 6. ITEM NO : D615(1)c Sewage Sump Pump - BOQ : 8 EA / DWG : 4 EA	<i>The BOQ shall be revised for the appropriate quantity of each item of work. Updated BOQ shall be issued as Addendum 2.</i>
S-07	1	Volume 1 BOQ	-	Bill No. 4-1.2	LIGHT REPAIR SHOP	Please clarify below items' discrepancy between BOQ and Drawing. 1. ITEM NO : D611(2)g ACW-09 - BOQ : 2 SET / DWG : 5 SET 2. ITEM NO : D611(2)l ACW-14 - BOQ : 2 SET / DWG : 6 SET 3. ITEM NO : D611(2)y VF-01 - BOQ : 22 SET / DWG : 23 SET	<i>The BOQ shall be revised for the appropriate quantity of each item of work. Updated BOQ shall be issued as Addendum 2.</i>
S-07	1	Volume 1 BOQ Volume 2 Drawings	-	Bill No. 4-1.2 CP S-07_02_MPFS_LRS NSRP-DWG-LRS-FS-7641	LIGHT REPAIR SHOP	Please clarify below items' discrepancy between BOQ and Drawing. 1. ITEM NO : D630(9) Fire Sprinkler Pendent Type - BOQ : 316 EA / DWG : 1048 EA ※ Additionally, from Contractor's point of view, quantity of various pipes pertaining to Fire Sprinkler should be also considered.	<i>The BOQ shall be revised for the appropriate quantity of each item of work. Updated BOQ shall be issued as Addendum 2.</i>
S-07	1	Volume 1 BOQ	-	Bill No. 4-1.2	LIGHT REPAIR SHOP	Please clarify that we can see below items on the drawings but can't find them on the BOQ. - Fire Extinguisher(CLEAN AGENT 4.5kg) 24EA	<i>Please refer to the Updated BOQ, Addendum 1; Bill No. 4-1.2, Part F.4, Item No. D630(4)b.</i>
S-07	2	Volume 2 01_Specificati on 01_GS	-	Sec.6 IB Appendix 12 COVID-19 Sec.6 IB Appendix 5 Facilities for Emp Eng	-	If all Employers, staffs and workers get vaccinated of COVID-19 before commencement of Project, does it necessary to apply social distancing on office area & facilities?	<i>The bidder must comply with the contents of their Covid specific Health and Safety Plan including all relevant local regulations</i>

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S-07	2	Volume 2 Section 7 SOUTH DEPOT ARCHITECT URAL DRAWINGS	OCC BUILDING ARCHITECT URAL DRAWINGS	NSRP-DWG-OCC- AR-3503	-	Based on drawing "OCC-AR-3503", finishing of steel column in front of external curtainwall is shown as STAINLESS STEEL POST CADDING, however, the item is not shown on BOQ. Please clarify.	<i>The BOQ shall be revised to include the stainless steel post / pillar cladding. Updated BOQ shall be issued as Addendum 3.</i>
S-07	2	Volume 2 Section 7 SOUTH DEPOT ARCHITECT URAL DRAWINGS	OCC BUILDING ARCHITECT URAL DRAWINGS	-	-	Regarding the waterproofing type of toilet on OCC building, drawing shows as Crystalline Cementitious Type which we assume to be applied on concrete, however, Specification shows as Cementitious Type. Please clarify which type shall be applied. Also, please review quantity of cementitious waterproofing as it is not enough.	<i>The BOQ shall be revised to include the stainless steel post / pillar cladding. Updated BOQ shall be issued as Addendum 3.</i>
S-07	2	Volume 2 Section 7 SOUTH DEPOT ARCHITECT URAL DRAWINGS	OCC BUILDING ARCHITECT URAL DRAWINGS	-	-	Based on the OCC building drawing, Polyurethane Membrane System Waterproofing / Asphalt Membrane Waterproofing is applied on roof and basement RC WALL. However, the quantity on BOQ seems to be too much. Please specify the area where Polyurethane Membrane System Waterproofing / Asphalt Membrane Waterproofing is applied.	<i>The BOQ shall be revised for the appropriate quantity of waterproofing. Updated BOQ shall be issued as Addendum 3.</i>
S-07	2	Volume 2 Section 7 SOUTH DEPOT ARCHITECT URAL DRAWINGS	OCC BUILDING ARCHITECT URAL DRAWINGS	-	-	There is "CHB Wall t=300mm" on drawing, however, BOQ does not show the item. Please add the related item on BOQ and review the CHB wall quantity.	<i>Please refer to the Updated BOQ, Addendum 1. Please note that the 300mm CHB wall is 2-150mm CHB. Please refer to the drawing No. NSRP-DWG-OCC-AR-3831 Rev21; Wall Types, Tag 4 (300mm-350mm Thk. Wall).</i>
S-07	2	Volume 2 Section 7 SOUTH DEPOT ARCHITECT URAL DRAWINGS	OCC BUILDING ARCHITECT URAL DRAWINGS	NSRP-DWG-OCC- AR-3319	-	The item on drawing "OCC-AR-3319" shows ALUMINUM MECHANICAL LOUVER/FALSE LOUVER and also there is the same item on BOQ. However, there is another item as "Air Louver on mechanical. Please clarify if the same item is double with different name or not. Also, based on drawing "OCC-AR-3319" curtain wall area, upper part of each floor seems to be connected to outer side of building and there is insulation on ceiling. Please clarify	<i>"ALUMINUM MECHANICAL LOUVER/FALSE LOUVER" and "AIR LOUVER" on Mechanical are basically the same item. Insulation on ceiling - Correct. Curtain wall area seems to be connected to outer side - Correct, please see Section 1, OCC-AR-3319 for reference.</i>
S-07	2	Volume 2 Book 2 (Architectural) Architectural Plan	-	NSRP-DWG-LRS- AR NSRP-DWG-LRS- ST	-	There is a difference in the Structural Level between Architecture and Structure Drawing. Please confirm which drawing should be applied in the BOQ. ※ Please check Drawing : NSRP-DWG-LRS-AR-3005(See the structural Level in the schedule) NSRP-DWG-LRS-ST-4121(See the structural Level)	<i>BOQ to follow architectural plans for Structural level. See issued NSRP-DWG-LRS-AR-3005 as Rev21.</i>

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S-07	1A	Volume 1A Section 4A	13 Page	PS-1 Archeological Monitoring	-	There is Archeological Monitoring item on Provisional Sum with PHP 1,000,000, however, Time Related Charges for Archeological Monitoring exists on Preliminary (BOQ). Please clarify if Time Related Charges for Archeological Monitoring cost is included in provisional sum amount, or we need to quote separately.	<i>The BOQ is deleted from the Bill No. 1 the Time Related Charges for Archeological Monitoring. Instead, these items shall be covered by the Provisional Sum. Updated BOQ will be issued in Addendum 2.</i>
S-07	1	Volume 1 Section 2 Bid Data Sheet	BDS 5	ITB 20.2	-	Please clarify whether Power of Attorney must be notarized?	<i>Please refer to ITB 20.2 and BDS 20.2 for the requirement</i>
S-07	1	Volume 1 Section 3	EQC 24	2.4.2 Construction Experience in Key Activities GBB No. 6 Pg. 47	"Construction of at least 10,000 m3 ground floor area of concrete framed buildings on deep filled sites using piled foundation" "At least one (1) project of at least 10,000 m2 floor area of concrete framed buildings"	There is an ambiguity in Key Activities Qualification Criteria between Bidding Documents and GBB No. 6 (issued on Jan. 7th, 2021). Please confirm what we understand shown as below; "At least one (1) project of at least 10,000 m2 ground floor area of concrete framed buildings" If so, please amend the Bidding Documents and provide us with the Addendum.	<i>Please refer to the revised EQC issued under Addendum No. 2</i>
S-04	1A	S-04 Vol.1A Sec.4A	Alabang BOQ No. 4-4	-	-	According to structure dwg, concrete specification for Alabang station is followings; - Pile cap, foundation, columns, wall, tie beam(under GL) : 36MPa - Slab, columns, beam(Above GL) : 36MPa However, BOQ indicate two type of concrete below; - Pile cap, foundation, columns, wall, tie beam(under GL) : 36MPa - Slab, columns, beam(Above GL) : 31MPa Please confirm which is correct. (Same issue in S-06 Cabuyado, Calamba BOQ)	<i>Drawings are correct. BOQ will be revised and issued in Addendum 3</i> <i>The Alabang and Calamba Station structural drawings for the columns schedule are to be updated to show the correct material strength. The following sheets will be updated to rev 21.3 in Addendum 3</i> <i>NSRP-DWG-ALA-ST-4411</i> <i>NSRP-DWG-ALA-ST-4412</i> <i>NSRP-DWG-ALA-ST-4413</i> <i>NSRP-DWG-CAL-ST-4411</i> <i>NSRP-DWG-CAL-ST-4412</i> <i>NSRP-DWG-CAL-ST-4413</i>
S-04	1A	S-04 Vol.1A Sec.4A	Alabang BOQ No. 4-4	-	-	PSD is contract's work scope? We can not find this item in BOQ.	<i>The installation of PSD is not part of Bidder's/Contractor's scope of work (SOW). Please refer to GS126 for the responsibility of the Contractor on the Interfacing Works</i>

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S-04	1	Vol.1 Sec.4	BF 45	-	BIM and CMMS Implementation	The BIM design LOD 300, as provided by the Employer, will be handed-over via what kind of format and generated using which software? Do you have a BIM Guideline?	<i>The successful Contractor shall utilize software which is compatible with, interoperable, and equivalent, with the Engineer's with the software programme (currently Autodesk Revit 2020)</i> <i>Bidder to refer to the following documents issued in Addendum 2 for the BIM Guidelines:</i> <i>GS Appendix 15 BIM Information Management Flow</i> <i>GS Appendix 17 Informaton Management Flow</i>
S-04	1	Vol.1 Sec.4	BF 45	-	BIM and CMMS Implementation	Does the Employer know how many individual models will comprise the final Federated (Merged Model) at LOD 300?	<i>The approximate number is more or less 20 individual models for each station/building/viaduct.</i>
S-05	1	Vol.1 Sec.4	BF 43	-	BIM and CMMS Implementation	The BIM design LOD 300, as provided by the Employer, will be handed-over via what kind of format and generated using which software? Do you have a BIM Guideline?	<i>The successful Contractor shall utilize software which is compatible with, interoperable, and equivalent, with the Engineer's with the software programme (currently Autodesk Revit 2020)</i> <i>Bidder to refer to the following documents issued in Addendum 2 for the BIM Guidelines:</i> <i>GS Appendix 15 BIM Information Management Flow</i> <i>GS Appendix 17 Informaton Management Flow</i>
S-05	1	Vol.1 Sec.4	BF 43	-	BIM and CMMS Implementation	Does the Employer know how many individual models will comprise the final Federated (Merged Model) at LOD 300?	<i>The approximate number is more or less 20 individual models for each station/building/viaduct.</i>
S-06	1	Vol.1 Sec.4	BF 44	-	BIM and CMMS Implementation	The BIM design LOD 300, as provided by the Employer, will be handed-over via what kind of format and generated using which software? Do you have a BIM Guideline?	<i>The successful Contractor shall utilize software which is compatible with, interoperable, and equivalent, with the Engineer's with the software programme (currently Autodesk Revit 2020)</i> <i>Bidder to refer to the following documents issued in Addendum 2 for the BIM Guidelines:</i> <i>GS Appendix 15 BIM Information Management Flow</i> <i>GS Appendix 17 Informaton Management Flow</i>
S-06	1	Vol.1 Sec.4	BF 44	-	BIM and CMMS Implementation	Does the Employer know how many individual models will comprise the final Federated (Merged Model) at LOD 300?	<i>The approximate number is more or less 20 individual models for each station/building/viaduct.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1A	Vol.1A Sec.4A BOQ Vol.2 Book 1 03_CP S-05 VIA05	NSRP-DWG- VIA05-ST- 0101 ~ 0106	PIER SCHEDULE	Bored Pile (1000mmφ), (in dry conditions) Bored Pile (1200mmφ), (in dry conditions) Bored Pile (1500mmφ), (in dry conditions)	Please clarify discrepancy between sum of bored pile length in drawings and BOQ. ITEM No. 204(2)a ITEM No. 204(2)b ITEM No. 204(2)c	<i>BOQ and drawings are the same. Refer to drawings in Addendum 3 and BOQ in Addendum 2</i>
S-05	1A	Vol.1A Sec.4A BOQ Vol.2 Book 2 03_CP S-05 STRUC	NSRP-DWG- SPO, PTA, BIN, SRO -ST-4101 NSRP-DWG- SPO, PTA, BIN, SRO -ST-4301	PILE SETOUT PLAN REINFORCEMEN T DETAILS BORED PILE	Bored Pile (800mm diameter) Bored Pile (1000mm diameter) Bored Pile (1200mm diameter) Bored Pile (1500mm diameter)	Please clarify discrepancy between sum of bored pile length in drawings and BOQ. ITEM No. 401(8) ITEM No. 401(9) ITEM No. 401(10) ITEM No. 401(11)	<i>The quantities of bored piles for San Pedro is correct as per latest drawings (NSRP-DWG-SPO-ST-4101 rev. 21 & NSRP-DWG-SPO-ST-4301 rev. 21.1). Please refer to latest BOQ issued in Addendum 2</i> <i>The quantities of bored piles for Pacita is correct as per latest drawings (NSRP-DWG-PTA-ST-4101 rev. 21 & NSRP-DWG-PTA-ST-4301 rev. 21.1). Please refer to latest BOQ issued in Addendum 2</i> <i>The quantities of bored piles for Binan is correct for diameter 1200mm and 1500mm as per latest drawings (NSRP-DWG-BIN-ST-4101 rev. 21 & NSRP-DWG-BIN-ST-4301 rev. 21.1). Please refer to latest BOQ issued in Addendum 2. For diameter 800mm and 1000mm, BOQ will be revise in Addendum 3</i> <i>The quantities of bored piles for Santa Rosa is correct as per latest drawings (NSRP-DWG-SRO-ST-4101 rev. 21, NSRP-DWG-SRO-ST-4301 rev. 21.1, NSRP-DWG-SRO-ST-4601 rev. 21.1, NSRP-DWG-SRO-ST-4621 rev. 21.2, NSRP-DWG-SRO-ST-4701 rev. 21.2, & NSRP-DWG-SRO-ST-4721 rev. 21.2). Please refer to latest BOQ issued in Addendum 2</i>
S-05	1	Vol.1 Sec.4A	-	BOQ No.2 BOQ No.3 BOQ No.4-1 BOQ No.4-2 BOQ No.4-3 BOQ No.4-4 BOQ No.5 BOQ No.6-1 BOQ No.6-2 BOQ No.6-3 BOQ No.6-4 BOQ No.6-5	-	Please provide criteria to calculate backfill/foundation fill volume. What is clear meaning of backfill and foundation fill? ITEM No. 201(4)d ITEM No. 201(4)e	<i>Backfill refers to a volume of suitable material used to refill the hole or foundation, once excavation, and the related work have been completed.</i> <i>Foundation Fill refers to a volume of suitable material that is placed and compacted for the purpose of raising the grade above the level of the existing surrounding ground surface.</i>

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S-05	1	Vol.1 Sec.4A	-	BOQ No.2 BOQ No.3 BOQ No.6-1 BOQ No.6-2 BOQ No.6-3 BOQ No.6-4 BOQ No.6-5	-	Please kindly let us know how to calculate unsuitable excavation volume. There is no information about depth of unsuitable material in drawings. ITEM No. 102(1)a ITEM No. 201(5)b	<i>For Bill No. 2, Item No. 102(1)a is only an assumption, item to be deleted in Addendum 3</i> <i>For Bill No. 3 Item 201(5)b Pile cap Excavation (in dry conditions) (Unsuitable Material), refer to TS 201 Annex A for the method of measurement.</i>
S-05	1	Vol.1 Sec.4A	-	BOQ No.3 BOQ No.4-1 BOQ No.4-2 BOQ No.4-3 BOQ No.4-4	-	Please provide criteria to estimate quantity (depth, nos.) of geotechnical investigation works by contractor. How is the quantity of geotechnical investigation works estimated in BOQ? ITEM No. 204(1)	<i>For viaduct and bridges, refer to TS 200 Annex A section 204.1.1.2 and TS 200 Specifications section 204.2.7.2.</i>
S-05	1A	Vol.1A Sec.4A BOQ	BOQ No. 3	Sub-Structural Work (Pier Work)	Structural Cast in situ Concrete, 40 MPa for Pier Head Structural Cast in Situ Concrete, 50 Mpa for Cross Beam (Portal Pier)	Please clarify discrepancy between sum of pier work in drawings and BOQ. ITEM No. 206(1)c ITEM No. 206(1)d	<i>BOQ and drawings are the same. Refer to Addendum 3 drawings and Addendum 2 BOQ</i>
S-05	1A	Vol.1A Sec.4A BOQ	BOQ No. 3	Super-structural work (Segmental Box Girder-Pre-Cast Segment Method)	Fabrication and Erection of Structural Concrete Class 50 MPa for Precast Segmental Box Girder (W=10.3m, H=2.4m) Fabrication and Erection of Structural Concrete Class 50 MPa for Precast Segmental Box Girder (W=5.1m, H=2.4m)	Please clarify discrepancy between sum of segmental box girder-pre-cast-segment method in drawings and BOQ. ITEM No. 206(3)a ITEM No. 206(3)c	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-05	1A	Vol.1A Sec.4A BOQ	BOQ No. 3	Super-structural work (Balanced Cantilever Box Girder)	Structural Cast in situ Concrete, 50 Mpa for Cast-in-situ Balanced Cantilever Box Girder	Please clarify discrepancy between sum of balanced cantilever box girder in drawings and BOQ. ITEM No. 206(2)a	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-05	1A	Vol.1A Sec.4A BOQ	BOQ No. 3	Super-structural work (Cast-In-Situ, Viaduct)	Structural Concrete, 40 MPa for Cast-in-situ Construction on Falseworks	Please clarify discrepancy between sum of cast-in-situ construction on falseworks in drawings and BOQ. ITEM No. 206(2)b	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-05	1A	Vol.1A Sec.4A BOQ	BOQ No. 3	Miscellaneous Work	Structural Concrete, 40 Mpa for Protective Concrete Topping Structural Cast in Situ Concrete, 40 MPa to Cable Trough Upstands Pre-cast Parapet Wall (H=2.0m)	Please clarify discrepancy between sum of miscellaneous work in drawings and BOQ. ITEM No. 206(8)c ITEM No. 206(11)a ITEM No. 229(1)	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>

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S-05	1A	Vol.1A Sec.4A BOQ	BOQ No. 4-1	Building Works Structural Works	Structural Concrete, Class "AAA" (31 MPa) for Column Structural Concrete, Class "AAA" (36 Mpa) for tie beam (At-Grade Beam) Structural Concrete, Class "AAA" (31 MPa) for Slab on Fill (At-Grade Beam) Structural Concrete, Class "AAA" (31 Mpa) for Beam	Please clarify discrepancy between sum of building structural works in drawings and BOQ. ITEM No. 405(3)b ITEM No. 405(6)a ITEM No. 405(7)ba ITEM No. 405(10)b	<i>The BOQ is correct. In NSRP-DWG-SPO-ST-4111 2 rev. 21.2 Note #3 says, foundation girders and pile caps are 36 MPa. Note #4 says, columns and walls are 31 MPa. In NSRP-DWG-SPO-ST-4121 to 4141 Note #3 says, columns, slabs, and beams are 31 MPa.</i>
S-05	1A	Vol.1A Sec.4A BOQ	BOQ No. 4-2	Building Works Structural Works	Structural Concrete, Class "AAA" (36 Mpa) for Pile Cap/ Footing Structural Concrete, Class "AAA" (31 MPa) for Column Structural Concrete, Class "AAA" (36 MPa) for Tie Beam (At-Grade Beam) Structural Concrete, Class "AAA" (31 MPa) for Elevated Slab/Concrete Stairs/Concrete Gutter Structural Concrete, Class "AAA" (31 Mpa) for Beam	Please clarify discrepancy between sum of building structural works in drawings and BOQ. ITEM No. 405(1)a ITEM No. 405(3)b ITEM No. 405(6)a ITEM No. 405(9)b ITEM No. 405(10)b	<i>The BOQ is correct. In NSRP-DWG-PTA-ST-4111 rev. 21 Note #3 says, foundation girders and pile caps are 36 MPa. In NSRP-DWG-PTA-ST-4121 to 4141 Note #3 says, columns, slabs, and beams are 31 MPa.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1A	Vol.1A Sec.4A BOQ	BOQ No. 4-3	Building Works Structural Works	Structural Concrete, Class "AAA" (31 MPa) for Column Structural Concrete, Class "AAA" (36 MPa) for Tie Beam (At-Grade Beam) Structural Concrete, Class "AAA" (31 Mpa) for Slab on Fill (At-Grade Beam) Structural Concrete, Class "AAA" (31 MPa) for Reinforced Concrete Wall (RCW) Structural Concrete, Class "AAA" (31 MPa) for Elevated Slab/Concrete Stairs/Concrete Gutter Structural Concrete, Class "AAA" (31 Mpa) for Beam	Please clarify discrepancy between sum of building structural works in drawings and BOQ. ITEM No. 405(3)b ITEM No. 405(6)a ITEM No. 405(7)b ITEM No. 405(8)b ITEM No. 405(9)b ITEM No. 405(10)b	<i>The BOQ is correct. In NSRP-DWG-BIN-ST-4111 21 rev. 21 Note #3 says, foundation girders and pile caps are 36 MPa, & columns and walls are 31 MPa. In NSRP-DWG-BIN-ST-4121 to 4141 Note #3 says, columns, slabs, and beams are 31 MPa.</i>
S-05	2	Vol.2 NSRP-DWG- SPO-EL-5011	-	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	-	We can't find detail specification for this generator set in Book2. Specification for electrical work. Please inform us detail spec for this generator set.	<i>Refer to updated TS-700, SCRP_Vol 2, page 196, regarding Generator including Conditions of Contract and Specification. Contractor to validate based on manufacturer's data of approved material.</i>
S-05	2	Vol.2 NSRP-DWG- PTA-EL-5011	-	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	-	We can't find detail specification for this generator set in Book2. Specification for electrical work. Please inform us detail spec for this generator set.	<i>Refer to updated TS-700, SCRP_Vol 2, page 196, regarding Generator including Conditions of Contract and Specification. Contractor to validate based on manufacturer's data of approved material.</i>
S-05	2	Vol.2 NSRP-DWG- BIN-EL-5011	-	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	-	We can't find detail specification for this generator set in Book2. Specification for electrical work. Please inform us detail spec for this generator set.	<i>Refer to updated TS-700, SCRP_Vol 2, page 196, Regarding Generator including Conditions of Contract and Specification. Contractor to validate base on manufacturer's data of approved material.</i>
S-05	2	Vol.2 NSRP-DWG- VIA05-DR- 4021	-	-	-	As per drawing, NSRP-DWG-VIA05-DR-4021, "Realigned Canal" is mentioned in the drawing. Please clarify Canal realignment work is under contractor's responsibility. If not, please provide the completion dates for Canal realignment. Will it be handed over before commencement of construction ?	<i>The realigned canal is the scope of the Contractor</i>
S-05	2	Vol.2 Book 1 03_CP S-05 VIA05	NSRP-DWG- VIA05-ST- 0027(REV21. 1)	GENERAL ARRAGENMENT	SAN VICENTE BINAN RIVER FLOOD LVL.	Please clarify the "FLOOD LVL." indicates a employer's request for river-crossing temporary work. And please provide the return-year of the flood level, cloud marked, and the flowrate as well.	<i>Flood heights shown are for the 100 year flow based on local interviews and/or NOAA Flood Maps.</i>

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S-05	2	Vol.2 Book 1 03_CP S-05 VIA05	NSRP-DWG- VIA05-ST- 0037(REV21. 1)	GENERAL ARRAGEMENT	STA ROSA RIVER FLOOD LVL.	Please provide the level of "FLOOD LVL." and its return period with flowrate as well.	<i>Flood heights shown are for the 100 year flow based on local interviews and/or NOAA Flood Maps.</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.4-1 BOQ No.4-2 BOQ No.4-3	-	Please provide criteria to calculate Structural Concrete for Pile Cap/Footing, Column, Tie Beam, Slab on Fill, Reinforced Concrete Wall and Elevated Slab/Concrete Stairs/Concrete Gutter for Cabuyao, Banlic and Calamba Station. ITEM No. 405(1)a ITEM No. 405(3)a & b ITEM No. 405(6)a ITEM No. 405(7)a ITEM No. 405(8)a ITEM No. 405(9)a	<i>Please refer to TS Annex A - Section 405.</i>
S-06	1A	Vol.1A Sec.4A BOQ	NSRP-DWG- CAB(BAN)- ST-4111, 4302	BOQ No.4-1 BOQ No.4-2	-	For Cabuyao and Banlic Station, there is a discrepancy of Pile Cap Size between Pilecap Schedule(ST-4111) and Pile Cap Detail(ST-4302). The discrepancy may affect the quantity of Main Beam also because the beam length may be confirmed based on Pile Cap Size. Please clarify which information about Pile Cap should be followed.	<i>For Cabuyao Station, the Pile Cap sizes have already been updated. Refer to sheet NSRP-DWG-CAB-ST-4111 and NSRP-DWG-CAB-ST-4302 rev 21.2.</i> <i>For Banlic Station, the Pile Cap Sizes to be updated and reflected on sheets NSRP-DWG-BAN-ST-4111 and NSRP-DWG-BAN-ST-4302 rev 21.3 to be issued in Addendum 3</i>
S-06	1A	Vol.1A Sec.4A BOQ	NSRP-DWG- BAN-ST- 4131, 4201	BOQ No.4-2	-	For Banlic station, there is a discrepancy of Column Type in Section A/14 between ST-4131 and ST-4201. Please clarify which type of column should be adjusted in A/14. (C2 or C5)	<i>Column C2 will be used in A/14. Sheet NSRP-DWG-BAN-ST-4131 to be updated to rev 21.3 in Addendum 3</i>
S-06	1A	Vol.1A Sec.4A BOQ	NSRP-DWG- BAN-ST- 4131	BOQ No.4-2	-	Even though CG4A & CG5 type of girder was adjusted in some parts, there is no information about CG4A & CG5 in GIRDER SCHEDULE. Please provide the dimension of CG4A & CG5.	<i>CG4A and CG5 dimension is 800x1000. Sheet NSRP-DWG-BAN-ST-4131 to be updated to rev 21.3 in Addendum 3</i>
S-06	1A	Vol.1A Sec.4A BOQ	NSRP-DWG- BAN-ST- 4141	BOQ No.4-2	-	For Platform Floor drawing for Banlic Station, there is a text 'C2' for Column in A14 and D14, but there is no Column mark in the drawing. Please clarify whether there is a C2 Column or not.	<i>Column C2 will be used in A/14 and D/14. Sheet NSRP-DWG-BAN-ST-4131 to be updated to rev 21.3 in Addendum 3</i>
S-06	1A	Vol.1A Sec.4A BOQ	NSRP-DWG- BAN-ST- 4111, 4121, 4131, 4136, 4141, 4212, 4213	BOQ No.4-2	-	For Banlic Station, there is a discrepancy of column type in Grid 7, 13 and 16 between (ST-4111, 4121, 4131, 4136, 4141) and (ST-4212, 4213). Please clarify which type of column should be adjusted in Grid 7, 13 and 16.	<i>The drawings will be updated to be more consistent. The following sheets will be updated to rev 21.3 in Addendum 3</i> <i>NSRP-DWG-BAN-ST-4111</i> <i>NSRP-DWG-BAN-ST-4121</i> <i>NSRP-DWG-BAN-ST-4131</i> <i>NSRP-DWG-BAN-ST-4213</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.2 206 (1) c	Please clarify discrepancy between sum of Structural Cast in situ Concrete, 40 MPa for Pier Head in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.2 206 (1) d	Please clarify discrepancy between sum of Structural Cast in Situ Concrete, 50 Mpa for Cross Beam (Portal Pier) in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>

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S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	PART B.4 208(1) c	Please clarify discrepancy between sum of Prestressing Steel for Precast Segmental Box Girder in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.5 206(2) a	Please clarify discrepancy between sum of Structural Cast in situ Concrete, 50 Mpa for Cast-in-situ Balanced Cantilever Box Girder in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.5 208(1) b	Please clarify discrepancy between sum of Prestressing Steel for Cast-in-situ Balanced Cantilever Box Girder in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.6 206(2) b	Please clarify discrepancy between sum of Structural Concrete, 40 MPa for Cast-in-situ Construction on Falseworks in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.6 208(1)a	Please clarify discrepancy between sum of Prestressing Steel for Cast-in-situ Superstructure on Falseworks in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.8 206(5)e	Please clarify discrepancy between sum of Structure Cast in situ Concrete, 40Mpa for RC Slab of Steel Tied Arch Bridge in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.8 231(1)	Please clarify discrepancy between sum of Stay Cables (Epoxy coated and filled, ECF strands) in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.9 206(9)b)	Please clarify discrepancy between sum of Structural Concrete, 40 MPa for Wall of At-grade Structures in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.9 206(10)g	Please clarify discrepancy between sum of Structural Concrete, 40 MPa for Wall of At-grade Structures in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part B.11 206(8)e	Please clarify discrepancy between sum of Structural Concrete, 40 MPa for Emergency Staircases in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part C.122(1)	Please clarify discrepancy between sum of Drain PVC Pipe (200) and Accessories for Elevated Section in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part C.122(2)a	Please clarify discrepancy between sum of Drain PVC Pipe (350) and Accessories for Elevated Section in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part D 206(8)c	Please clarify discrepancy between sum of Structural Concrete, 40 Mpa for Protective Concrete Topping	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part D 206(11)a	Please provide criteria to calculate Structural Cast in Situ Concrete, 40 MPa to Cable Trough Upstands in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part D 206(11)c	Please clarify discrepancy between sum of Precast Cover Precast Concrete Cover to Cable Trough (Type-2) – reinforcement to be included in the unit rate in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>

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S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part D 209(4)	Please clarify discrepancy between sum of Miscellaneous Steelwork – Mild Steel Handrails in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part D 209(5)	Please clarify discrepancy between sum of Miscellaneous Steelwork - Expansion Joint Assemblies in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ	-	BOQ No.3	Part D 229(1)	Please clarify discrepancy between sum of Pre-cast Parapet Wall (H=2.0m) in drawings and BOQ	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ Vol.2 Book 1 03_CP S-06 VIA06	NSRP-DWG- VIA06-ST- 0101 ~ 0106	PIER SCHEDULE	Bored Pile (1000mmφ), (in dry conditions) Bored Pile (1200mmφ), (in dry conditions) Bored Pile (1500mmφ), (in dry conditions)	Please clarify discrepancy between sum of bored pile length in drawings and BOQ. ITEM No. 204(2)a ITEM No. 204(2)b ITEM No. 204(2)c	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1A	Vol.1A Sec.4A BOQ Vol.2 Book 2 03_CP S-06 STRUC	NSRP-DWG- CAB, BAN, CAL -ST-4101 NSRP-DWG- CAB, BAN, CAL -ST-4301	PILE SETOUT PLAN REINFORCEMEN T DETAILS BORED PILE	Bored Pile (800mm diameter) Bored Pile (1000mm diameter) Bored Pile (1200mm diameter) Bored Pile (1500mm diameter)	Please clarify discrepancy between sum of bored pile length in drawings and BOQ. ITEM No. 401(8) ITEM No. 401(9) ITEM No. 401(10) ITEM No. 401(11)	<i>BOQ and drawings are the same. Refer to drawings issued in Addendum 3 and BOQ issued in Addendum 2</i>
S-06	1	Vol.1 Sec.4A	-	BOQ No.2 BOQ No.3 BOQ No.4-1 BOQ No.4-2 BOQ No.4-3 BOQ No.5 BOQ No.6-1 BOQ No.6-2 BOQ No.6-3 BOQ No.6-4	-	Please provide criteria to calculate backfill/foundation fill volume. What is clear meaning of backfill and foundation fill? ITEM No. 201(4)d ITEM No. 201(4)e	<i>Backfill refers to a volume of suitable material used to refill the hole or foundation, once excavation, and the related work have been completed.</i> <i>Foundation Fill refers to a volume of suitable material that is placed and compacted for the purpose of raising the grade above the level of the existing surrounding ground surface.</i>
S-06	1	Vol.1 Sec.4A	-	BOQ No.2 BOQ No.3 BOQ No.6-1 BOQ No.6-2 BOQ No.6-3 BOQ No.6-4	-	Please kindly let us know how to calculate unsuitable excavation volume. There is no information about depth of unsuitable material in drawings. ITEM No. 102(1)a ITEM No. 201(5)b	<i>For Bill No. 2, Item No. 102(1)a is only an assumption, item to be deleted in Addendum 3</i> <i>For Bill No. 3 Item 201(5)b Pile cap Excavation (in dry conditions) (Unsuitable Material), refer to TS 201 Annex A for the method of measurement.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	1	Vol.1 Sec.4A	-	BOQ No.3 BOQ No.4-1 BOQ No.4-2 BOQ No.4-3	-	Please provide criteria to estimate quantity (depth, nos.) of geotechnical investigation works by contractor. How is the quantity of geotechnical investigation works estimated in BOQ? ITEM No. 204(1)	<i>For viaduct and bridges refer to TS 200 Annex A section 204.1.1.2 and TS 200 Specifications section 204.2.7.2.</i>
S-06	2	Vol.2 Book 1 03_CP S-06 VIA06	NSRP-DWG- VIA06-ST- 0035 (REV21.1)	GENERAL ARRAGENMENT	SAN CRISTOBAL RIVER FLOOD LEVE: 10.6	Please clarify the “FLOOD LEVEL” indicates a employer’s request for river-crossing temporary work. And please provide the return-year of the flood level, cloud marked, “FLOOD LEVEL: 10.60” and the flowrate as well.	<i>The 100 year flood level with climate change peak discharge for San Cristobal River is 1102.20cu.m/s. The flood level at this location is estimated to be 10.83m with the effect of the piers in the waterway.</i>
S-06	2	Vol.2 Book 1 03_CP S-06 VIA06	NSRP-DWG- VIA06-ST- 0035(REV21. 1)	GENERAL ARRAGENMENT	SAN JUAN RIVER FLOOD LVL.	Please provide the level of “FLOOD LVL.” and its return period with flowrate as well.	<i>Flood heights shown are for the 100 year flow based on local interviews and/or NOAA Flood Maps.</i>
S-06	2	Vol.2 NSRP-DWG- CAB-EL-5011	-	-	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	We can’t find detail specification for this generator set in Book2. Specification for electrical work. Please inform us detail spec for this generator set.	<i>Refer to updated TS-700, SCRP_Vol 2, page 196, regarding Generator including Conditions of Contract and Specifications. Contractor to validate based on manufacturer's data of approved material.</i>
S-06	2	Vol.2 NSRP-DWG- BAN-EL-5011	-	-	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	We can’t find detail specification for this generator set in Book2. Specification for electrical work. Please inform us detail spec for this generator set.	<i>Refer to updated TS-700, SCRP_Vol 2, page 196, regarding Generator including Conditions of Contract and Specifications. Contractor to validate based on manufacturer's data of approved material.</i>
S-06	2	Vol.2 NSRP-DWG- CAL-EL-5011	-	-	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	We can’t find detail specification for this generator set in Book2. Specification for electrical work. Please inform us detail spec for this generator set.	<i>Refer to updated TS-700, SCRP_Vol 2, page 196, regarding Generator including Conditions of Contract and Specifications. Contractor to validate based on manufacturer's data of approved material.</i>
S-07	-	CP S-07 Site data 10.17 Depot Design Report (S-07)	406	8.1.2 Natural Condition of Depot Site (1) Terrain	the maximum elevation of the terrain is approximately 13.4 m above the sea level (hereafter refer as a.s.l)	Please clarify the relations among the survey elevation datum, “a.s.l.”, “Namria Control Points”, “Mean Sea Level”, and “LLDA elevation”	<i>The horizontal position reference is the NAMRIA CORS (Continuously Operating Reference Stations) reference point. The coordinate system used was WGS84 and PRS92 (ZONE3). The standard for elevation is the NAMRIA benchmark relative to the average sea level in Manila Bay. The topo survey did not investigate the relationship "a.s.l." and "LLDA elevation".</i>
S-07	-	CP S-07 Site data	-	CAD file “FINAL South Topographic Map 20191108.dwg”	-	Please confirm all elevations of the survey points in the topographic map, “FINAL South Topographic Map 20191108.dwg”, are based on NAMRIA datum.	<i>Topographic maps are created based on the elevation value of the NAMRIA benchmark.</i>
S-07	-	CP S-07 Site Data 10.04 Hydrology Report	17, 23	9.3.2 Climate Change Table 9.3.2 9.4.3 Hydrologic Analysis (1) Rainfall Intensity	Table 9.3.2 formula 9.4.3	Rainfall intensity value of Table 9.3.2 is different with rainfall intensity formula of 9.4.3. For example, rainfall intensity for 10yr return period and 20min duration is 124.4mm/hr given in Table 9.3.2. However, calculated value from rainfall intensity formula 9.4.3 is 215.8mm/hr. Please clarify which value is correct reference for S07 project detail design and contractor’s design.	<i>The rainfall intensity given in the table are used to generate the formula using the regression analysis and curve fitting and already incorporate the increase due to climate change: Using the table, the 10yr, 20min duration is 186mm/hr. while the formula gives 215mm/hr. The formula should be used.</i>

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S-07	-	CP S-07 Site Data 10.04 Hydrology Report	17	9.3.2 Climate Change Table 9.3.2	Table 9.3.2	Please check values of Table 9.3.2. For example, value of 5mins duration and 120mins duration is same.	<i>The formula should be used to generate the rainfall intensities for a specific duration and return period.</i>
S-07	-	CP S-07 Site Data 10.17 Depot Design Report (S-07)	411	8.1.2 Natural Condition of Depot Site (2) Flood risk Figure 8.1.1.9	-	Please provide flood rate and flood level of San Cristobal river for 2yr, 5yr, 10yr, 20yr, 50yr, 100yr return period at each station from S07 Site (0+000) to Lagnua Lake.	<i>Available flood information is provided, No further information is available.</i>
S-07	-	CP S-07 Site Data 10.17 Depot Design Report (S-07)	411	8.1.2 Natural Condition of Depot Site (2) Flood risk Figure 8.1.1.9	-	Please provide cross section data of San Cristobal river at each station from S07 Site (2+550) to Lagnua Lake, which are not provided with Topo CAD file. The Topo CAD file is only containing sections from 0+000 to 2+550.	<i>Available flood information is provided, No further information is available.</i>
S-07	2	CP S-07 Vol.2 Book1(Civil)	DR-2734	04_CP S-07_DPSFE	Table "Reinforced Concrete Box Culvert"	Please provide rebar detail for W500 x D500 and W800 x xD500 Box Culvert.	<i>This drawing will be amended to add these details and are to be submitted as Rev 21.3.</i>
S-07	2	CP S-07 Vol.2 Book1(Civil)	DR-2734	04_CP S-07_DPSFE	Open Channel Details	Please provide installation spacing(center to center distance) of Lintel Beam.	<i>This drawing will be amended to add these details and are to be submitted as Rev 21.3.</i>
S-07	2	Vol.2 Book 2 01_S07 ARCH	NSRP-DWG-AR-3204 Rev.21	Drawings	-	On drawing No. NSRP-DWG-AR-3204 Rev.21, preliminary planting schedule is shown however the quantity and remarks doesn't match for item 6,7 and 8. Kindly clarify and provide accurate quantity.	<i>Bidder to follow and price as shown in the table and BOQ Bill No 4-3.1, unless advised otherwise.</i>
S-07	2	Vol.2 Book 2 01_S07 ARCH	NSRP-DWG-DEP-AR-3401 Rev.21	Drawings	-	According to drawing No. NSRP-DWG-DEP-AR-3401 Rev.21, there is detail for interlocking which consists of interlocking block, sand, permeable concrete and crusher-run. However, provided BOQ only shows Architectural interlocking concrete block paver. Kindly confirm that said 4 components are parts of architectural interlocking concrete clock paver.	<i>Yes, cost of PIN D504(2) --- Architectural Interlocking Concrete Block Paver under Bill No 4-3.2 shall include the following: --- 30mm Sand, 70mm permeable concrete, and 50mm crusher run. In reference to drawing NSRP-DWG-DEP-AR-3401, rev. 21</i>
S-07	2	Vol.2 Book 2 01_S07 ARCH	NSRP-DWG-DEP-AR-3401 Rev.21	Drawings	-	NSRP-DWG-DEP-AR-3401 Rev.21 show the detail of all steel components however there is still missing items like bolt size, welding type and thickness. Kindly provide full details of steel structure.	<i>For full details, refer to structural NSRP-DWG-DEP-ST-4061 to 4062 issued as Rev21.2 in Addendum 2</i>
S-07	2	Vol.2 Book 2 01_S07 ARCH	NSRP-DWG-DEP-AR-3401 Rev.21	Drawings	-	The drawing No. NSRP-DWG-DEP-AR-3401 Rev.21 shows typical section which include catch basin and other components. Kindly provide the connection details between catch basin and pedestrian shed footing. Also kindly provide rebar details for footing including footing size. There is no detail in civil drawing as well.	<i>Details will be added under NSRP-DWG-DEP-AR-3401 as Rev 21.3 in Addendum 3</i>

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S-07	-	-	NSRP-DWG-DEP-RD-1208 Rev.21	Drawings	-	The drawing No. NSRP-DWG-DEP-RD-1208 Rev.21 shows PCCP. We understand that it is Portland cement concrete pavement however there is no rebar details. Kindly provide details.	<i>This is un-reinforced PCCP, therefore there is no rebar detail to be shown. However, for reinforcement details at longitudinal and transverse construction joints, please refer to NSRP-DWG-DEP-RD-1801.</i>
S-07	-	-	NSRP-DWG-DEP-AR-3221 Rev.21	Drawings	-	The drawing No NSRP-DWG-DEP-AR-3221 Rev.21 shows the item '100*100*100mm cube granite stone' however provided BOQ doesn't show this item as well as quantity. Kindly provide quantity of this Item and details.	<i>1. NSRP-DWG-DEP-AR-3514 will be revised under Rev 21.3 and issued in Addendum 3 2. BOQ will be updated and issued in Addendum 3</i>
S-07	1	Vol. 1 1.3 CP S-07 Vol.1A Sec.4A BOQ 20201001		BOQ	-	According to BOQ, water supply items are shown however there is no detail drawings. Kindly provide detail drawings for irrigation.	<i>Pay items for the Water Supply/Irrigation for the Softscape at the Depot are already deleted in the BOQ issued in Addendum 1</i>
S-07	2	Vol.2 Book 2 01_S07 ARCH	NSRP-DWG-DEP-AR-3222 Rev.21	-	-	The drawing No. NSRP-DWG-DEP-AR-3222 Rev.21 shows Stone-finished Flagpole Podium however there is no rebar details. Kindly provide details.	<i>The details are shown in NSRP-DWG-DEP-AR-3522 issued Sep 21,2020 as Rev21.</i>
S-07	-	-	NSRP-DWG-DEP-AR-3222 NSRP-DWG-OCC-AR-3206	-	-	We understand from provided BOQ that item D563(9) which is self-standing planting wall is shown on Drawing NSRP-DWG-DEP-AR-3222 Rev.21. However, NSRP-DWG-OCC-AR-3206 Rev.21 shows vertical garden wall which shows on BOQ Item D563(10). Kindly clarify the difference between vertical garden wall and self-standing planting wall.	<i>1. That is same Item, to be updated as NSRP-DWG-DEP-AR-3222 Rev 21.3. 2. BOQ to revised and issued in Addendum 3</i>
S-07	1A	CP S-07 Vol.1A Sec.4A BOQ	BOQ No.5	Drainage System & Irrigation Channels	Part C Drainage Works	Please provide Drawings for item No. 111(3) Manhole/ Catch Basin, TYPE K (for 1.2m X 1.1m~1.5m RCBC) at BOQ No.5 Drainage System & Irrigation Channels, Part C Drainage Works.	<i>Pay Item "111(3)ao Manhole/ Catch Basin, TYPE K (for 1.2m X 1.1m~1.5m RCBC) " to be revised and issued in Addendum 3. The correct description must be "Manhole/Catch Basin, TYPE K (for 250mmØ RCPC)". For TYPE K detail, refer to NSRP-DWG-DEP-DR-2710.</i>
S-07	2	CP S-07 Vol.2 Book1(Civil)	DR-2018, 2710	04_CP S-07_DPSFE	Plan(Manhole Type-J)	Please confirm that Manhole size of Type-J and Type-K are same. If not, please provide plan and section of Manhole Type-K.	<i>Manhole sizes of Types J and K are the same. The difference is in the grate length. This drawing will be amended to add additional details and submitted as Rev 21.3 in Addendum 3</i>
S-07	2	CP S-07 Vol.2	02_Book 2 (Architectural)	CP S-07_01_AR-OCC & CP S-07_01_OCC_ST	OCC_Architectural & Structural drawings	According to OCC Architectural drawings, the elevation is "ELEV +0.00m=+15.31m ABOVE MEAN SEA LEVEL/TOP OF GRADING SURFACE". However, the elevation is "ELEV +0.00m=+15.50m ABOVE MEAN SEA LEVEL/DEPOT TOP OF RAIL/FGL/FFL" at OCC Structural drawings. Please clarify which elevation is correct.	<i>The elevation is "ELEV +0.00m=+15.311m ABOVE MEAN SEA LEVEL/TOP OF GRADING SURFACE" see NSRP-DWG-OCC-AR-3201 issued Sep 21, 2020 as Rev21. Architectural Drawing has the correct elevation. Structural drawing will be revised and issued in Addendum 3.</i>

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S-07	2	CP S-07 Vol.2	02_Book 2 (Architectural)	CP S-07_00_AR_DEP	Pedestrian Shed	According to Pedestrian Shed Typical Section 1 at NSRP-DWG-AR-3401, Detailed information of Steel Column & Rafter is referred to Structural drawings. However, there is no structural drawings for Steel Column and Rafter. Please provide detailed Structural drawings of Steel Column and Rafter for pedestrian Shed.	<i>For details of the Pedestrian Shed, refer to sheets: NSRP-DWG-DEP-ST-4061, NSRP-DWG-DEP-ST-4062, and NSRP-DWG-DEP-ST-4063 Rev 21.2</i>
S-07	2	CP S-07 Vol.2	02_Book 2 (Architectural) & 02_Book 1 (Civil)	CP S-07_00_AR_DEP & 02_CP S-07_Roads	Sidewalks	According to Pedestrian Shed Typical Section 1 at NSRP-DWG-AR-3401, Sidewalk consist of Interlocking block, Sand, Permeable Concrete and Crusher-run. However, Sidewalk consist of PCCP and Sub-base course at Civil Road Drawings. Please clarify which Sidewalk is correct.	<i>Interlocking block, Sand, Permeable Concrete and Crusher-run are correct, see NSRP-DWG-AR-3401 issued as Rev21.</i>
S-07	2	CP S-07 Vol.2	BOQ No.4-2.21	Car Washing Track	-	There is the quantity for Car Washing Track Building at BOQ No.4-2.21. However, there is no drawings for Car Washing Track Building. Please provide drawings of Car Washing Track Building to clarify quantities of Car Washing Track Building.	<i>For details of the Pedestrian Shed, refer to sheets: NSRP-DWG-CWT-ST-3000; NSRP-DWG-CWT-ST-4101; NSRP-DWG-CWT-ST-4111; and NSRP-DWG-CWT-ST-4112 Rev 21.2.</i>
S-07	2	CP S-07 Vol.2 Book1	NSRP-DWG-DEP-DR-2652	Drainage, Plumbing, Sanitary, Fire Pro. & Electrical Drawing	-	Kindly provide detailed information about the “connect to existing canal” specified in the drawing	<i>The earth canal were realigned and will be connected to the existing canal. The manhole in this area was deleted.</i>
S-07	2	CP S-07 Vol.2 Book1	NSRP-DWG-DEP-DR-2651, 2652	Drainage, Plumbing, Sanitary, Fire Pro. & Electrical Drawing	-	Kindly provide detailed information on the drainage line connected to “MH-3 at the end of the realignment canal 2”	<i>This manhole was already deleted in Rev 21.2.</i>
S-04	1	Volume 1, Part IA section 4 Bill of Quantities	-	BOQ No.4-1 Alabang Station BOQ No.4-2 Muntinlupa Station	506(6)C - W=100mm, Stainless Steel Tile Border 506(6) - B8; W=200mm Stainless Steel Thresholds 506(8) - B3 ; H=150mm, Stainless Steel Baseboard 506(24) - H=500mm, Stainless Steel Baseboard for Elevator Wall	There is no detailed drawing for the following items: 506(6)C - W=100mm, Stainless Steel Tile Border 506(6) - B8; W=200mm Stainless Steel Thresholds 506(8) - B3 ; H=150mm, Stainless Steel Baseboard 506(24) - H=500mm, Stainless Steel Baseboard for Elevator Wall Please provide details for those mentioned items.	<i>Details to be added on sheet no. NSRP-DWG-STA-AR-3502 rev. 21.3. Drawings to be issued in Addendum 3</i>
S-04	2	Volume 2, Book 2 (Architectural)- Package CP S-04: General Station Architectural Drawings	-	NSRP-DWG-STA-AR-3522	General Station Typical Details Escalator	Aluminium Ribbed Wall Panels are shown in the drawing no. NSRP-DWG-STA-AR-3522, however, there is no detail of this item. Therefore, please provide the detailed drawings for this item.	<i>Aluminum Ribbed Wall Panels to be added as detail. Drawing to be updated as Sheet no. NSRP-DWG-STA-AR-3522 rev. 21.3 in Addendum 3</i>

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S-04	1	Volume 1, Part IA section 4 Bill of Quantities	-	BOQ No.4-1 Alabang Station BOQ No.4-2 Muntinlupa Station	530(3) - WF7 Wall: 12mm Heat Strengthened Laminated Glass	There is no detail for item 530(3) - WF7 Wall: 12mm Heat Strengthened Laminated Glass. Therefore, please provide us detailed drawing for price estimation purpose.	<i>Finishing schedule will be revised. WF7 to be changed to WF4, 12MM THK. TEMPERED GLASS PANELS WITH SECURITY FILM. Drawings to be revised in Addendum 3: NSRP-DWG-MUN-AR-3033 NSRP-DWG-MUN-AR-3034 NSRP-DWG-MUN-AR-3035 NSRP-DWG-ALA-AR-3033 NSRP-DWG-ALA-AR-3034 NSRP-DWG-ALA-AR-3035 rev 21.3 For Tempered glass detail, please refer to NSRP-DWG- STA-AR-3504 rev 21.3 in Addendum 3</i>
S-04	1	Volume 1, Part IA section 4 Bill of Quantities Volume 2, Book 2 (Architectural)- Package CP S- 04: Substation SS07 Architectural Drawings Substation SS08 Architectural Drawings Substation SS09 Architectural Drawings	-	BOQ no. 6-1 for Substation 7 BOQ no. 6-2 for Substation 8 BOQ no. 6-3 for Substation 9 NSRP-DWG-SS7- AR-3101 NSRP-DWG-SS8- AR-3101 NSRP-DWG-SS9- AR-3101	619(17) Portable Toilet 619(17) Portable Toilet 619(17) Portable Toilet Substation SS07 -Architectural Floor Plan and Section Substation SS08 -Architectural Floor Plan and Section Substation SS09 -Architectural Floor Plan and Section	As indicated in the BOQ no. 6-1 for Substation 7, no. 6-2 for Substation 8 and no. 6-3 for Substation 9, Item No. 619(17) is identified to be a portable toilet, whereas the drawing no. NSRP- DWG-5507-AR-3101, NSRP-DWG-5508-AR-3101 and NSRP- DWG-5509-AR-3101 show a permanent toilet. It is obvious that there is a discrepancy between the BOQ and the drawings. Therefore, please confirm which one is the correct one and provide its details.	<i>Toilet for all Substations shall be permanent toilet. Please refer to the latest BOQ issued in Addendum 2 Reference drwgs: NSRP-DWG-PSS7/8/9-PL-6611 NSRP-DWG-PSS7/8/9-SN-6112 rev. 21</i>
S-04	1	Volume 1, Part IA section 4A Bill of Quantities	-	BOQ no. 6-1 for Substation 7 BOQ no. 6-2 for Substation 8 BOQ no. 6-3 for Substation 9	S555(1) Door Sign and S555(2) Building Sign	Item No. S555(1) Door Sign and S555(2) Building Sign are shown in the BOQ no. 6-1 for Substation 7, no. 6-2 for Substation 8 and no. 6-3 for Substation 9. However, there is no detail shown in the drawing. Therefore, please provide us detailed drawing for these items.	<i>New drawing and sheet number to be added for signage details. Drawings will be issued in Addendum 3</i>

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S-05	1	Volume 1 Part IA section 4A Bill of Quantities Volume 2 - Book 2 (Architectural)- Package CP S-05: Binan Station Architectural Drawings	-	BOQ No.4-3 Binan Station Item no.522(4) NSRP-DWG-BIN-AR-3201 Rev.21 (September 2020) NSRP-DWG-BIN-AR-3202 Rev.21 (September 2020) NSRP-DWG-BIN-AR-3569 Rev.21 (September 2020) NSRP-DWG-BIN-AR-3571 Rev.21 (September 2020) NSRP-DWG-STA-AR-3504 Rev.21 (September 2020)	2400 x 1200 x 3mm thk 5mm Dia Perforated Aluminum Panel with Applied Polyester Powder Coating Finish on Steel Stud Elevation Sheet 1 Elevation Sheet 2 Schedule of Wall Finishes Sheet 1 Schedule of Wall Types Sheet 1 Typical details Wall Sheet 2	1.) DWG No. NSRP-DWG-BIN-AR-3569 Rev.21 Date September 2020, Specify 9 (WF9)--2400x1200x3 mm. THK Perforated Aluminium panel with applied polyester powder coating finish on steel stud while 2.)DWG No. NSRP-DWG-BIN-AR-3571 Rev.21 Date September 2020 WT1 Wall type-1 specify as exterior wall which is same location as DWG No.NSRP-DWG-BIN-AR-3569 Rev.21 Date September 2020, Wall type 1 which shown on typical details wall as ACP-Aluminium Composite Panel system on Aluminium at Exterior wall (NSRP-DWG-STA-AR-3504). There is an discrepancy between DWG No. NSRP-DWG-BIN-AR-3569 Rev.21 Date September 2020 and DWG No. NSRP-DWG-BIN-AR-3571 Rev.21 Date September 2020 regarding material system for exterior wall. Please confirm the specification of exterior wall.	<i>For Exterior walls, please use (WF9)- 4MM THK ALUMINUM COMPOSITE MATERIAL (ACM) WITH PHOTOCATALYST & FEVE/PVDF (POLYVINYLIDENE DIFLUORIDE) COATING AND MINERAL FIBER CORE (FIRE RATED). Drawings to be updated in Addendum 3: NSRP-DWG-BIN-AR-3569,NSRP-DWG-BIN-AR-3570, rev. 21.3</i>
S-05	1	Volume 1 Part IA section 4A Bill of Quantities Volume 2 - Book 2 (Architectural)- Package CP S-05: Pacita Station Architectural Drawings	-	BOQ No.4-2 Pacita Station Item no.522(4) NSRP-DWG-PTA-AR-3201 Rev.21 (September 2020) NSRP-DWG-PTA-AR-3202 Rev.21 (September 2020) NSRP-DWG-PTA-AR-3569 Rev.21 (September 2020) NSRP-DWG-PTA-AR-3571 Rev.21 (September 2020) NSRP-DWG-PTA-AR-3504 Rev.21 (September 2020)	2400 x 1200 x 3mm thk 5mm Dia Perforated Aluminum Panel with Applied Polyester Powder Coating Finish on Steel Stud Elevation Sheet 1 Elevation Sheet 2 Schedule of Wall Finishes Sheet 1 Schedule of Wall Types Sheet 1 Typical details Wall Sheet 2	1.) DWG No. NSRP-DWG-PTA-AR-3569 Rev.21 Date September 2020, Specify 9 (WF9)--2400x1200x3 mm. THK Perforated Aluminium panel with applied polyester powder coating finish on steel stud while 2.)DWG No. NSRP-DWG-PTA-AR-3571 Rev.21 Date September 2020 WT1 Wall type-1 specify as exterior wall which is same location as DWG No.NSRP-DWG-PTA-AR-3569 Rev.21 Date September 2020, Wall type 1 which shown on typical details wall as ACP-Aluminium Composite Panel system on Aluminium at Exterior wall (NSRP-DWG-STA-AR-3504). There is an discrepancy between DWG No. NSRP-DWG-PTA-AR-3569 Rev.21 Date September 2020 and DWG No. NSRP-DWG-PTA-AR-3571 Rev.21 Date September 2020 regarding material system for exterior wall. Please confirm the specification of exterior wall.	<i>For Exterior walls, please use (WF9)- 4MM THK ALUMINUM COMPOSITE MATERIAL (ACM) WITH PHOTOCATALYST & FEVE/PVDF (POLYVINYLIDENE DIFLUORIDE) COATING AND MINERAL FIBER CORE (FIRE RATED). Drawings to be updated in Addendum 3: NSRP-DWG-PTA-AR-3569, NSRP-DWG-PTA-AR-3570, rev. 21.3</i>

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S-05	1	Volume 1 Part IA section 4A Bill of Quantities Volume 2 - Book 2 (Architectural)- Package CP S-05: San Pedro Station Architectural Drawings	-	BOQ No.4-1 San Pedro Station Item no.522(4) NSRP-DWG-SPO-AR-3201 Rev.21 (September 2020) NSRP-DWG-SPO-AR-3202 Rev.21 (September 2020) NSRP-DWG-SPO-AR-3569 Rev.21 (September 2020) NSRP-DWG-SPO-AR-3571 Rev.21 (September 2020) NSRP-DWG-SPO-AR-3504 Rev.21 (September 2020)	2400 x 1200 x 3mm thk 5mm Dia Perforated Aluminum Panel with Applied Polyester Powder Coating Finish on Steel Stud Elevation Sheet 1 Elevation Sheet 2 Schedule of Wall Finishes Sheet 1 Schedule of Wall Types Sheet 1 Typical details Wall Sheet 2	1.) DWG No. NSRP-DWG-SPO-AR-3569 Rev.21 Date September 2020, Specify 6 (WF6)--Aluminum panels with Calcium Silicate on steel stud 2.)DWG No. NSRP-DWG-SPO-AR-3571 Rev.21 Date September 2020 WT1 Wall type-1 specify as exterior wall which is same location as DWG No.NSRP-DWG-SPO-AR-3569 Rev.21 Date September 2020, Wall type 1 which shown on typical details wall as ACP-Aluminium Composite Panel system on Aluminium at Exterior wall (NSRP-DWG-STA-AR-3504). There is an discrepancy between DWG and item no.522(4) in the BOQ No.4-4. Please confirm the specification of exterior wall finish, because WF6 item is not shown in the BOQ. If this item is WF9 same as the other station, we can price it in the item no.522(4) of BOQ No.4-4	<i>For Exterior walls, please use (WF9)- 4MM THK ALUMINUM COMPOSITE MATERIAL (ACM) WITH PHOTOCATALYST & FEVE/PVDF (POLYVINYLIDENE DIFLUORIDE) COATING AND MINERAL FIBER CORE (FIRE RATED). Drawings to be updated in Addendum 3 NSRP-DWG-SPO-AR-3569, NSRP-DWG-SPO-AR-3570, rev. 21.3</i>
S-05	1	Volume 1 Part IA section 4A Bill of Quantities	-	BOQ No.4-1 San Pedro Station BOQ No.4-2 Pacita Station BOQ No.4-3 Binan Station. BOQ No.4-4 Rosa Station	506(6)C - W=100mm, Stainless Steel Tile Border 506(6) - B8; W=200mm Stainless Steel Thresholds 506(8) - B3 ; H=150mm, Stainless Steel Baseboard 506(24) - H=500mm, Stainless Steel Baseboard for Elevator Wall	There is no detailed drawing for the following items: 506(6)C - W=100mm, Stainless Steel Tile Border 506(6) - B8; W=200mm Stainless Steel Thresholds 506(8) - B3 ; H=150mm, Stainless Steel Baseboard 506(24) - H=500mm, Stainless Steel Baseboard for Elevator Wall Please provide the details for those mentioned items.	<i>Details to be added to sheet no. NSRP-DWG-STA-AR-3502 rev. 21.3. Drawings to be issued in Addendum 3</i>
S-05	2	Volume 2 - Book 2 (Architectural)- Package CP S-05: General Station Architectural Drawings	-	NSRP-DWG-STA-AR-3522	General Station Typical Detail Escalator	Aluminium Ribbed Wall Panels are shown in the drawing no. NSRP-DWG-STA-AR-3522, however, there is no detail of this item. Therefore, please provide the detailed drawings for this item.	<i>Details to be added to sheet no. NSRP-DWG-STA-AR-3502 rev. 21.3. Drawings to be issued in Addendum 3</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1	Volume 1 Part IA section 4A Bill of Quantities	-	BOQ No.4-1 San Pedro Station BOQ No.4-2 Pacita Station BOQ No.4-3 Binan Station. BOQ No.4-4 Rosa Station	530(3) - WF7 Wall: 12mm Heat Strengthened Laminated Glass	There is no detail for item 530(3) - WF7 Wall: 12mm Heat Strengthened Laminated Glass. Therefore, please provide the detailed drawings for this item.	<i>Finishing schedule will be revised. WF7 to be changed to WF4, 12MM THK. TEMPERED GLASS PANELS WITH SECURITY FILM. Drawings to be revised in Addendum 3: NSRP-DWG-SPO-AR-3033 NSRP-DWG-SPO-AR-3034 NSRP-DWG-SPO-AR-3035 NSRP-DWG-PTA-AR-3033 NSRP-DWG-PTA-AR-3034 NSRP-DWG-PTA-AR-3035 NSRP-DWG-BIN-AR-3033 NSRP-DWG-BIN-AR-3034 NSRP-DWG-BIN-AR-3035rev 21.3 For Tempered glass detail, please refer to NSRP-DWG-STA-AR-3504 rev 21.3 in Addendum 3</i>
S-05	1	Volume 1 Part IA section 4A Bill of Quantities	-	BOQ no. 6-1 for Substation 10 BOQ no. 6-2 for Substation 11 BOQ no. 6-3 for Substation 12 BOQ no. 6-3 for Substation 13 BOQ no. 6-3 for Substation 14 NSRP-DWG-SS10-AR-3101 NSRP-DWG-SS11-AR-3101 NSRP-DWG-SS12-AR-3101 NSRP-DWG-SS13-AR-3101 NSRP-DWG-SS14-AR-3101	619(17) Portable Toilet 619(17) Portable Toilet 619(17) Portable Toilet 619(17) Portable Toilet 619(17) Portable Toilet Substation SS10 -Architectural Floor Plan and Section Substation SS11 -Architectural Floor Plan and Section Substation SS12 -Architectural Floor Plan and Section Substation SS13 -Architectural Floor Plan and Section Substation SS14 -Architectural Floor Plan and Section	As indicated in the BOQ no. 6-1 for Substation 7, no. 6-2 for Substation 8 and no. 6-3 for Substation 9, Item No. 619(17) is identified to be a portable toilet, whereas the drawing no. NSRP-DWG-SS10-AR-3101, NSRP-DWG-SS11-AR-3101, NSRP-DWG-SS12-AR-3101, NSRP-DWG-SS13-AR-3101, and NSRP-DWG-SS14-AR-3101 show a permanent toilet. It is obvious that there is a discrepancy between the BOQ and the drawings. Therefore, please confirm which one is the correct one and provide its details.	<i>Toilet for all Substations shall be permanent toilet. Please refer to the latest BOQ issued in Addendum 2</i>

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S-05	1	Volume 1 Part IA section 4A Bill of Quantities	-	BOQ no. 6-1 for Substation 10 BOQ no. 6-2 for Substation 11 BOQ no. 6-3 for Substation 12 BOQ no. 6-3 for Substation 13 BOQ no. 6-3 for Substation 14	S555(1) Door Sign and S555(2) Building Sign	Item No. S555(1) Door Sign and S555(2) Building Sign are shown in the BOQ no. 6-1 for Substation 10, no. 6-2 for Substation 11, no. 6-2 for Substation 12, no. 6-2 for Substation 13 and no. 6-3 for Substation 14. However, there is no detail shown in the drawing. Therefore, please provide us detailed drawing for price estimation purpose.	<i>Drawing will be revised and issued in Addendum 3</i>
S-06	1	Volume 1 Part IA section 4A Bill of Quantities	-	BOQ No.4-1 Cabuyao Station BOQ No.4-2 Banlic Station BOQ No.4-3 Calamba Station.	506(6)C - W=100mm, Stainless Steel Tile Border 506(6) - B8; W=200mm Stainless Steel Thresholds 506(8) - B3 ; H=150mm, Stainless Steel Baseboard 506(24) - H=500mm, Stainless Steel Baseboard for Elevator Wall	There is no detailed drawing for the following items: 506(6)C - W=100mm, Stainless Steel Tile Border 506(6) - B8; W=200mm Stainless Steel Thresholds 506(8) - B3 ; H=150mm, Stainless Steel Baseboard 506(24) - H=500mm, Stainless Steel Baseboard for Elevator Wall Please provide detail for those mentioned items.	<i>Details to be added to sheet no. NSRP-DWG-STA-AR-3502 rev. 21.3. Drawings will be issued in Addendum 3</i>
S-06	2	Volume 2 - Book 2 (Architectural)- Package CP S-06: General Station Architectural Drawings	-	NSRP-DWG-STA-AR-3522	General Station Typical Detail Escalator	Aluminium Ribbed Wall Panels are shown in the drawing no. NSRP-DWG-STA-AR-3522, however, there is no detail of this item. Therefore, please provide the detailed drawing for this item.	<i>Aluminum Ribbed Wall Panels to be added to detail. Drawing to be updated as Sheet no. NSRP-DWG-STA-AR-3522 rev. 21.3 issued in Addendum 3</i>
S-06	1	Volume 1 Part IA section 4A Bill of Quantities	-	BOQ No.4-1 Cabuyao Station BOQ No.4-2 Banlic Station BOQ No.4-3 Calamba Station.	530(3) - WF7 Wall: 12mm Heat Strengthened Laminated Glass	There is no detail for item 530(3) - WF7 Wall: 12mm Heat Strengthened Laminated Glass. Therefore, please provide the detailed drawing for this item.	<i>For WF7 it will be changed to WF4, with detail to be added. For Tempered glass, detail please refer to NSRP-DWG-STA-AR-3504 rev 21.3 issued in Addendum 3</i>

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S-06	1	Volume 1 Part IA section 4A Bill of Quantities	-	BOQ no. 6-1 for Substation 15 BOQ no. 6-2 for Substation 16 BOQ no. 6-3 for Substation 17 BOQ no. 6-3 for Substation 18 NSRP-DWG-SS15-AR-3101 NSRP-DWG-SS16-AR-3101 NSRP-DWG-SS17-AR-3101 NSRP-DWG-SS18-AR-3101	619(17) Portable Toilet 619(17) Portable Toilet 619(17) Portable Toilet 619(17) Portable Toilet Substation SS15 -Architectural Floor Plan and Section Substation SS16 -Architectural Floor Plan and Section Substation SS17 -Architectural Floor Plan and Section Substation SS18 -Architectural Floor Plan and Section	As indicated in the BOQ no. 6-1 for Substation 7, no. 6-2 for Substation 8 and no. 6-3 for Substation 9, Item No. 619(17) is identified to be a portable toilet, whereas the drawing no. NSRP-DWG-SS10-AR-3101, NSRP-DWG-SS11-AR-3101, NSRP-DWG-SS12-AR-3101, NSRP-DWG-SS13-AR-3101, and NSRP-DWG-SS14-AR-3101 show a permanent toilet. It is obvious that there is a discrepancy between the BOQ and the drawings. Therefore, please confirm which one is the correct one and provide its details.	Toilet for all Substations shall be permanent toilet. Please refer to the BOQ dated in Addendum 2 Reference dwgs: NSRP-DWG-PSS15/16/17/18-PL-6611; NSRP-DWG-PSS15/16/17/18-SN-6112; and rev. 21 dated September 2020.
S-06	1	Volume 1 Part IA section 4A Bill of Quantities	-	BOQ no. 6-1 for Substation 15 BOQ no. 6-2 for Substation 16 BOQ no. 6-3 for Substation 17 BOQ no. 6-3 for Substation 18	S555(1) Door Sign and S555(2) Building Sign	Item No. S555(1) Door Sign and S555(2) Building Sign are shown in the BOQ no. 6-1 for Substation 10, no. 6-2 for Substation 11, no. 6-2 for Substation 12, no. 6-2 for Substation 13 and no. 6-3 for Substation 14. However, there is no detail shown in the drawing. Therefore, please provide the detailed drawing for this item.	New drawing and new sheet no. for signage to be provided. Drawings will be issued in Addendum 3
S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-ST-4151	-	-	Please provide sectional drawing for CS30 indicating reinforcement details in order for us to evaluate the rebars accordingly.	CS30 details to be provided on sheet NSRP-DWG-CAB-ST-4151 Rev 21.3 to be issued in Addendum 3
S-06	2	Volume 2 & Section 6 (II Drawings)	BAN-ST-4431 & 4448	-	-	Slab rebar schedule of CS30 (DWG-BAN-ST-4431) differ in the detail drawing (DWG-BAN-ST-4448). Please advise which one to follow.	Details on NSRP-DWG-BAN-ST-4448 will be used. Details on NSRP-DWG-BAN-ST-4431 will be updated as rev 21.3 and issued in Addendum 3
S-06	2	Volume 2 & Section 6 (II Drawings)	SS00-AR-3021	-	Cement Mortar topping wire mesh	As per the drawings, the Slope to drain cement mortar topping wire mesh is applied on the roof. However the same is not measured in the BOQ. → Kindly provide the item and quantity with specification.	BOQ will be revised and issued in Addendum 3
S-06	1A	Volume 1A & Section 4A	Bill No 6	Item 412	CHB Wall, Non-Load Bearing, (incl. Reinforcing Steel); t=150mm	As per the drawing, all CHB wall thickness are 200mm. However, the BOQ shows 150mm THK CHB wall. →Please kindly provide us the location and proper drawings	The 200 mm thickness of the wall considers the plastering on both sides of the wall, thus, the 150 mm thk CHB wall will be used.

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S-06	1A	Volume 1A & Section 4A	Bill No 6	Item 526(1,2,3,4)	Doors	As per the revised BOQ, There are 4 nos of Doors (D1, D2, D3, D4), However, the drawings shows D2 door only. →Please kindly provide us the location and revised drawings	<i>NSRP-DWG-SS00-AR-3005 will be revised to add D1, D3 & D4 with rev 21.3 in Addendum 3</i>
S-06	-	CP S04-07 Responses to Clarification Requests (Batch 3)	3 of 12	BOQ No 6-1, 6-2 & 6-4	-	As per the reponses, the substation 15, 16 & 18 are the same dimensions and quantities. However, the revised BOQ of Addendum no1 is different quantities. → Kindly clarify it.	<i>Yes, the total quantities for the said 3 substations are different from each other since these have different site development plans. These differ as to the structural works of equipment pads, perimeter fence, etc. Please refer to latest submitted BOQ issued in Addendum 2</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	SS00-AR-3021	-	300mm High Zocallo	As per the drawings, the 300mm high Zocallo is installed under the CHB wall. → Kindly confirm that the same item with quantity is included in BOQ.	<i>Zocallo under the CHB wall is already included in the quantity and cost of CHB Walls.</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-ST-4503 (Version 21.1)	-	-	The detail C is the reference for ST-4161 but the same detail is not show in ST-4161. → Kindly advise it.	<i>The target sheet of Detail C is CAB-ST-4166. Sheet NSRP-DWG-CAB-ST-4503 to be updated as Rev. 21.3 in Addendum 3</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	BAN-AR-3202	-	NORTHWEST ELEVATION	→ Kindly clarify whether the fixed glass louver is required since the same is not shown other drawings and BOQ.	<i>No fixed glass louver (delete). NSRP-DWG-BAN-AR-3202 will be revised and issued in Addendum 3</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	BAN-AR-3202	-	SOUTHEAST ELEVATION	There is no relevant drawings for Loading Dock. → Kindly provide the drawings / specification / BOQ.	<i>1.) For rubber buffer at loading dock, NSRP-DWG-STA-AR-3556 to be revised as Rev. 21.3 and issued in Addendum 3 2.) BOQ will be updated as per the drawings and issued in Addendum 3</i>
S-06	1A	Volume 1A & Section 4A	Bill No 4	-	Item No 564(6)a: PWD Curb Ramp	This item (PWD Curb Ramp) is provided the unit as ea. → Does the bidder should consider the same as per Drawing for PWD RAMP ENTRANCE? → Kindly provide the details drawings and breakdown for work consideration.	<i>For PWD Curb Ramp Details of CP S-06 Stations, refer to the following drawing sheets: Cabuyao Sta: NSRP-DWG-CAB-CW-1802 Rev 21; Banlic Sta: NSRP-DWG-BAN-CW- 1802 Rev 21; and Calamba Sta: NSRP-DWG-CW-1802 Rev 21.</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	BAN-AR-3515 to 3517	-	GROUND LEVEL DETAILED PLAN	There is shown seating area under covered walkway. → Kindly clarify whether the same is under bidder's scope. If yes, please provide the BOQ and details.	<i>1.) This is already included in BOQ Bill 4 External Works, 564(25) - Concrete Bench (3.0mL x 1.05mW x 0.40mH). 2.) NSRP-DWG-BAN-AR-3621 and NSRP-DWG-BAN-AR-3623 will be revised as rev. 21.3 in Addendum 3</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	STA-AR-3582	-	WOMENS HELP DESK PLAN	Ref. drawing shows the wall (partition) but it is not specified the wall type. → Kindly provide the wall type and details → If the BOQ is not provided, please provide it.	<i>Details on Sheet NSRP-DWG-STA-AR-3582 rev 21.3 will be issued in Addendum 3</i>

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S-06	1A	Volume 1A & Section 4A	Bill No 6	Item 128(4)	Fencing (CHB t=150mm x 2500mm high)	There is Fencing (CHB t=150mm x 2500mm high) in the BOQ. However, there is no CHB 150mm THK wall in the drawings. → Kindly provide the Fencing location and details	1.) BOQ will be revised and issued in Addendum 3 2.) Please refer to NSRP-DWG-SS00-AR-3103 (Perimeter Fence Detail).
S-06	2	Volume 2 & Section 6 (II Drawings)	SS15-ST-4201 SS16-ST-4201 SS17-ST-4201	-	Slab girder	As per the substation toilet structure drawing, there are girders on the end of slab. → Please provide the detail drawings.	There are no girders at ground level. Plan shows the thickened ends of the slab on fill.
S-06	1A	Volume 1A & Section 4A	Bill No 6	Item 505(4)	Floor Finishes - Self-Levelling Epoxy Paint with Hardener	As per schedule and plans there are two types of floor finishes. Epoxy Coating for Meeting Room and Anti-Static Vinyl Sheet for Equipment Room. → Kindly clarify or provide updated Architectural drawings for Substation.	Only epoxy coating finish on both Meeting & Equipment rooms. Refer to Substation schedule of Finishes NSRP-DWG-SS00-AR-3005. Drawings will be revised and issued as rev 21.3 in Addendum 3.
S-06	1A	Volume 1A & Section 4A	Bill No 6	Item S547(8)	Wall Finishes - High-Performance Urethane Coatings (Masonry Painting)	As per schedule there are different types of wall finishes that is already in Item S548(1), S548(2) and S548(12). → Kindly clarify it.	The finishes for PINS S548(1), S548(2), & S548(12) are indicated in NSRP-DWG-SS00-AR-3005 21 Sept. 2020 rev. 21. S548(1) - 12mm thk. Gypsum Board on Light Metal Frame; Painted Finish for Meeting Rooms. S548(2) - Solvent-based type Paint Finish for Equipment Rooms. S548(12) - Water-based Elastomeric Paint (Coating for Exterior Wall) for Exterior Walls.
S-06	1A	Volume 1A & Section 4A	Bill No 6	Item S555(1-2)	Other Finishing Works - Door & Bldg Sign	Not shown in the drawings. → Kindly verify it.	New drawing and sheet number to be added for signage details. Drawings will be issued in Addendum 3
S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-ST-4161, 4502 & 4503	-	Reference attachment Page 1 & 2	Reference drawings to CABUYAO Station (same question applies to all other stations) Frame 7A height 1m. Frame height of Frame 1, h=1m. Rectangular frame. Top view of Frame 7A shows a different arrangement. Seems to have the geometry of half the frame 7 → Kindly clarify the geometry and frame height of frame 7A.	Roof details to be reviewed and updated as needed and issued as rev 21.3 in Addendum 3
S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-ST-4501, 4502 & 4503	-	Reference attachment Page 3 & 4	Reference drawings to CABUYAO Station (same question applies to all other stations) Frame 7 height 1.803m. Frame height of Frame 2, h=1m. → Kindly clarify the frame height of frame 7.	Roof details to be reviewed and updated as needed and issued as rev 21.3 in Addendum 3
S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-ST-4501, 4502 & 4503	-	Reference attachment Page 5 & 6	Reference drawings to CABUYAO Station (same question applies to all other stations) Frame 8 height 1.803m. Frame height of Frame 3, h=1m. → Kindly clarify the frame height of frame 8.	Roof details to be reviewed and updated as needed and issued as rev 21.3 in Addendum 3

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S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-ST-4501 & 4503	-	Reference attachment Page 7	Reference drawings to CABUYAO Station (same question applies to all other stations) Dashed line indicates triangular part of frame 3 (H=1m). Frame has a height of H=1.803M → Kindly clarify the frame height of frame 8.	<i>Roof details to be reviewed and updated as needed and issued as rev 21.3 in Addendum 3</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-ST-4501 & 4211	-	Reference attachment Page 8 & 9	Reference drawings to CABUYAO Station (same question applies to all other stations). → Is only the green area covered by membrane or also the pink area?	<i>Roof details to be reviewed and updated as needed and issued as rev 21.3 in Addendum 3</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-AR-3564 Rev21.1	-	Cabuyao Station Windows Type W18, W19 & W20	Windows Type W18, W19 & W20 are indicated detail drawing and layout plan (CAB-AR-3611 & 3564 Rev.21) but not noted in schedule of windows drawing CAB-AR-3563 Rev.21 and BOQ. → Kindly provide the BOQ and modified drawing (CAB-AR-3563)	<i>1) The BOQ is updated as per latest drawing NSRP-DWG-CAB-AR-3563 rev. 21.2. Please refer to latest BOQ in Addendum 2 2) W18, W19 and W20 were marked as deleted on Dwg. no. NSRP-DWG-CAB-AR-3564 rev 21.2 and not shown on windows layout dwg. no. NSRP-DWG-CAB-AR-3611 rev 21.2.</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-AR-3568	-	Cabuyao Station Louver Type L20, 21	Louver type L20 & 21 are indicated in Schedule of Louvers Sheet 2, but not measured the BOQ. → Kindly provide the BOQ.	<i>BOQ will be revised and issued in Addendum 3</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	CAB-AR-3568	-	Cabuyao Station Louver Type L21	→ Please confirm that the Louver for Janitors room is Louver type 21. → If yes, please modify the same drawing.	<i>Louver Tag in NSRP-DWG-CAB-AR-3568 to be revised and issued in Addendum 3</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	BAN-AR-3563. Rev21.1	-	Banlic Station Window Type W17	There is a discrepancy (Window Size) between BOQ and drawing. → Kindly advise it.	<i>W17 was already updated as per latest submitted drawing (NSRP-DWG-BAN-AR-3564 rev. 21.1). Please refer to BOQ issued in Addendum 2</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	BAN-AR-3561 & 3562. Rev21.1	-	Banlic Station SHUTTER SH4	Between Schedule of doors sheet 1 & sheet2, the size for SH4 is the difference. → Kindly advise it.	<i>These are the same: SH4 dimension is 3600 mm (W) x 3000 mm (H).</i>
S-06	2	Volume 2 & Section 6 (II Drawings)	BAN-AR-3561 & 3562. Rev21.1	-	Banlic Station SHUTTER SH6	Shutter type SH6 is deleted in the drawing (BAN-AR-3562), but it is provided in BOQ and BAN-AR-3561. → Kindly advise it.	<i>SH6 was already deleted. Please refer to BOQ issued in Addendum 2</i>
S-06	1A	Volume 1A & Section 4A	Bill no 4	-	Item 554(20): Water Dispenser	As per Revised BOQ (Rev_T.A. 2b), the water dispenser is measured as new item. → Kindly provide the setting location, drawings and specification.	<i>Location, drawings, and specifications will be revised and issued in Addendum 3</i>
S-06	2	Volume 2 & Section 6 (IC-Technical Specification)	-	-	Extra Material / Spare Material	As per Technical Specification (TS 500), some items (i.e Acoustic Ceiling, Tile, Resilient Flooring, etc.) are requiring Extra Material or Spare Material. While the same has been specified that spare materials should be in accordance with requirements of the Contract or Contract Document. → Kindly provide section article/paragraph in conditions of contract showing all the information for the spare materials.	<i>Spare or extra materials shall be 5% of the original quantity indicated in the BOQ. This percentage exclude breakages during installation. Section 538 of TS-500 will be revised and issued in Addendum 3</i>

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S-06	1A	Volume 1A. Part I Section 4A	BOQ No.5 PART C	-	-	Refer to the BOQ No.5, Part C, 111(80)a~111(82)b, Maintenance Access Cover, the unit is "set". Please clarify the location and details of Maintenance Access Cover.	<i>For the detail and location, please refer to NSRP-DWG-VIA00-1305 rev 21</i>
S-06	2	Volume 2. Part II Section 6. II Drawings	NSRP-DWG- VIA00-DR- 1405	-	-	Please clarify headwall, endwall and retaining wall in Outfall should be considered in BOQ No.5 Part B, 206(8)d or in BOQ No.2,Part C, 206(9)d.	<i>No, it should be included in the cost of Drainage Outfall Type 4, Part C Bill No. 5.</i>
S-06	2	Volume 2, Book1(Civil), 14_CP S- 06_Maintenac e Road,Drawings	-	NSRP-DWG- VIA06-RD-2014	-	Refer to the dwg No.NSRP-DWG-VIA06-RD-2014, We can't find the strength of concrete of retaining wall type-1 and type-2. We wonder if the strength of concrete is 28Mpa or 40Mpa. Please, clarify.	<i>Update retaining wall layout, profile and details were issued as Rev 21.2 Refer to sheet NSRP-DWG-VIA06-RD-2014 Rev 21.2 for updated retaining wall details and refer to notes for compressive strength requirements.</i>
S-06	2	Volume 2, Book1(Civil), 02_CP S- 06_VIA00(rev ised version),Drawi ngs	-	NSRP-DWG- VIA00-ST-1001	-	Refer to the dwg No.NSRP-DWG-VIA00-ST-1001, we should refer to dwg No.NSRP-DWG-ST-1003 to check the segment reinforcement. But we can't find that drawing(No.NSRP-DWG-ST-1003). Please, clarify.	<i>Additional sheet referring to Section 5 in NSRP-DWG-VIA00-ST-1003 shall be added.</i>
S-04	3	Volume 3- Section 8	PCC7	KD 03-1 Receiving Substations (S10 S11 S12 S13 S14)	-	Please confirm the minimum requirement to achieve this key date. Does it include the building beside substation (i.e. Rectifier)?	<i>Yes, ready for receiving permanent electricity supply.</i>

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S-04	3	Volume 3- Section 8	PCC7	<p>KD 02-1 Complete a minimum and continuous length of 3,000 metres on the viaduct where it passes through at least one of the stations</p> <p>KD 02-2 Complete a minimum and continuous length of 6,000 metres within any viaduct section</p> <p>KD 02-3 Completion of the remaining viaduct sections (approximately 2.51 km)</p>	-	Please confirm the minimum requirement to achieve this Key Dates. Is it including the Cast-in-Situ Upstand, Parapet or cable trough with cover and protective concrete?	<i>Yes, the minimum requirement to achieve this Key Dates is including the Cast-in-Situ Upstand, Parapet, cable trough with cover and protective concrete.</i>
S-04	2	Volume 2-2.1 Book1 (Civil)- CPS- 04_VIA00	NSCR-DWG- VIA00-ST- 0321	Pile details	-	It is stated in drawings NSCR-DWG-VIA00-ST-0321 to ST-0325 that the lenton coupler is marked in the 3m zone are below soffit of pile cap. Please confirm that the location of lenton coupler could be moved to suit our construction/ rebar fixing purposes	<i>Yes.</i>
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Air Ducts</p> <p>PLENUM 2400 x 1600 mm PLENUM 1600 x 1100 mm PLENUM 1200 x 450 mm PLENUM 900 x 600 mm PLENUM 900 x 450 mm PLENUM 900 x 400 mm PLENUM 900 x 300 mm PLENUM 750 x 250 mm PLENUM 750 x 600 mm EAD 850 x 700 mm EAD 300 x 300 mm EAD 150 x 100 mm</p>	<p><i>Plenum boxes are considered as duct fittings and are to be included in the rate of the ductworks.</i></p> <p><i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others):</i></p> <p><i>(b) Duct fittings and stiffener/s;</i></p> <p><i>EAD 850 x 700 are already included in the BOQ issued in Addendum 2. Reference dwg NSRP-DWG-ALA-ME-5608 rev 21</i></p> <p><i>EAD 300 x 300 and EAD 150 x 100 are not shown in plan. Please provide the drawings/location of the items.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Pressurization Duct System SPAD 800 x 500 mm PLENUM 2000 x 1500 mm</p>	<p><i>Plenum boxes are considered as duct fittings and to be included in the rate of the ductworks.</i></p> <p><i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others):</i></p> <p><i>(b) Duct fittings and stiffener/s;</i></p> <p><i>SPAD 800 x 500 are already included in the BOQ issued in Addendum 2.</i></p>
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>AC Grilles & Diffuser 2100 x600 EAG 1900X600 EAG 1650X600 EAG 1950X1950 SAG 450x450 SAG 400X400 SAG 350X350 SAG 300X300 SAG 200X200 SAG 150X150 SAG</p>	<p><i>AC Grilles & Diffusers</i> <i>2100 x600 EAG</i> <i>1900X600 EAG</i> <i>1650X600 EAG</i> <i>1950X1950 SAG</i> <i>450x450 SAG</i> <i>400X400 SAG</i> <i>350X350 SAG</i> <i>300X300 SAG</i> <i>200X200 SAG &</i> <i>150X150 SAG are already included in the BOQ issued in Addendum 2</i></p>
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Motorized Damper 1500X500 MD</p> <p>Fire Dampers 3000X2150 FD 3000X1350 FD 3000X1250 FD 1300X1300 FD 900X400 FD 800X60 FD</p>	<p><i>Fire Damper</i> <i>3000x2150 FD</i> <i>3000x1350 FD</i> <i>3000x1250 FD &</i> <i>900x400 FD are already included in the BOQ issued in Addendum 2</i></p> <p><i>1500x500 MD,</i> <i>1300x1300 FD &</i> <i>800x60 FD are not shown in plan. Please provide the drawings/location of the items.</i></p>
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>FANS SEF-01: Axial Inline Type Smoke Exhaust Fan for Unventilated Area at Concourse Level, Airflow: 6192 L/S and Static Pressure of 250PA - (9 UNITS) PF-01 : Stair Pressurization - (4 UNITS)</p>	<p><i>SEF-01 & PF-01 were already included in the BOQ issued in Addendum 2</i></p>

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S-04	2	Volume 2	-	-	TS-600 Sec 611.1.4 and 635.1.2	Please confirm what will govern on Warranty Period Standard 1 year Defects and Liability Period (DLP) or Tech Specifications per Sec 611.1.4 Air Cooled Split Type Air Conditioning Unit Warranty Period is 5 years while on Sec 635.1.2 Fan Coil Unit Warranty Period is 10 years.	Technical Specifications (TS) will govern.
S-04	2	Volume 2	-	-	NSCR-DWG-MUN-ME	The following items were found in the Drawings but not included in the BOQ . Please confirm and advise. Air Ducts PLENUM 3100 x 1500 PLENUM 2600 x 1500 PLENUM 1500 x 1300 Smoke Exhaust Duct 1350x450 SED 950x400 SED 700x350 SED 600x350 SED 600x250 SED	Plenum boxes are considered as duct fittings and are to be included in the rate of the ductworks. Please refer to SCR-P-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others): (b) Duct fittings and stiffener/s; 1350x450 SED, 950x400 SED, 700x350 SED & 600x250 SED were already included in the BOQ issued in Addendum 2 600x350 SED is not shown in plan. Please provide the drawings/location of the items.
S-04	2	Volume 2	-	-	NSCR-DWG-MUN-ME	The following items were found in the Drawings but not included in the BOQ . Please confirm and advise. Pressurization Duct System SPAD 950 x 800 PLENUM 2500 x 2200 mm	Plenum boxes are considered as duct fittings and are to be included in the rate of the ductworks. Please refer to SCR-P-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others): (b) Duct fittings and stiffener/s; SPAD 950 x 800 are already included in the BOQ issued in Addendum 2
S-04	2	Volume 2	-	-	NSCR-DWG-MUN-ME	The following items were found in the Drawings but not included in the BOQ. Motorized Damper 900x400 MD 1500x500 MD Fire Dampers 3000X2150 FD 3000X1350 FD 3000X1250 FD 1300X1300 FD 900X300 FD 250x250 FD 150Ø FD	1500x500 MD 900x300 FD 250x250 FD were already included in the BOQ issued in Addendum 2 900x400 MD 3000x2150 FD 3000x1350 FD 3000x1250 FD 1300x1300 FD 150Ø FD are not shown in plan. Please provide the drawings/location of the items.

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S-04	2	Volume 2	-	-	NSCR-DWG-MUN-ME	The following items were found in the Drawings but not included in the BOQ . Please confirm and advise. Air Grilles 1200x600 2000x2000	<i>Air Grilles 1200x600 2000x2000 were already included in the BOQ issued in Addendum 2</i>
S-04	2	Volume 2	-	-	NSCR-DWG-MUN-ME	The following items were found in the Drawings but not included in the BOQ . Please confirm and advise. Fans & AC Equipment SEF-01: Axial Inline Type Smoke Exhaust Fan for Unventilated Area at Concourse Level, Airflow: 6335 L/S and Static Pressure of 250PA - (5 UNITS) PF-01 : Stair Pressurization - (4 UNITS)	<i>SEF-01 & PF-01 were already included in the BOQ issued in Addendum 2</i>
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-FS-6612, NSCR-DWG-MUN-FS-6612	Water Tank Piping is 100 mm according Pump Room Layout but there is no 100 mm Pipe in the BOQ. May we add these as Line Items under Sundries?	<i>Pipe System for the Water Tanks are to be included in the rate of the Pumps. Please refer to SCRP-TS 600_Annex A, Sub-Clause 617.1.1, Items 1(c), which states that rate of Pumps shall include (among others): (c) Pipes, including fittings and accessories.</i>
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-FS-6612, NSCR-DWG-MUN-FS-6612	The following items were found in the Drawings but not included in the BOQ . Please confirm and advise. Control Valve Pressure Gauge Gate Valve OS&Y Check Valve Test Valves May we add these items under Sundries?	<i>Valves and Accessories for the Water Tanks and pumps are to be included in the rate of the Tanks & Pumps. Please refer to SCRP-TS 600_Annex A, Sub-Clause 632.1.1, Items 1(c), 2(b) & 2(d) which states that rate of Tanks & Pumps shall include (among others): 1(c) Pipes, including fittings and accessories; 2(b) Pipe fittings and accessories, including gate valves; and 2(d) Piping from fire water tank unto Isolation Valve with temper switch and from Test Valve Manifold valve discharge pipe joint of fire pump assembly.</i>
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-FS-6618, NSCR-DWG-MUN-FS-6608	The Fire Department Connection and Test Header Connection are not included in the BOQ. May we add these are additional line items under Sundries?	<i>Fire Department Connection and Test Header Connection is the same as item 630(8) Stand Pipe and Hose System.</i>
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-PL NSCR-DWG-MUN-PL	According to Drawings and Equipment Schedule, there are 12 Water Heaters in ALA and 1 in MUN. BOQ only reflects 6 in ALA and 0 in MUN.	<i>Quantity of Water Heaters in ALA and MUN were already corrected in the BOQ issued in Addendum 2</i>

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S-04	2	Volume 2	-	-	NSCR-DWG-ALA-PL NSCR-DWG-MUN-PL	The following items were found in the Drawings but not included in the BOQ . Please confirm and advise. Sanitary Works Floor Drain, 50mm Canopy Drain, 100mm Floor Cleanout, 100mm Floor Cleanout, 80mm Floor Cleanout, 50mm Ground Cleanout, 250mm Ground Cleanout, 150mm Ceiling Cleanout, 100mm Ceiling Cleanout, 40mm Ceiling Cleanout, 32mm Ceiling Cleanout, 25mm	<i>50mm Floor Drain are already included on the BOQ issued in Addendum 2</i> <i>100mm Canopy Drain not shown in plan. Please provide the drawings/location of the items.</i> <i>Cleanouts are considered as pipe fittings and to be included in the rate of the Piping works.</i> <i>Please refer to SCR-PS 600_Annex A, Sub-Clause 607.1.1, which states that rate of Tanks & Pumps shall include Pipes, fittings and accessories for each type of pipe, including approved allowance for wastage; supply and installation.</i>
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-PL NSCR-DWG-MUN-PL	The following items were found in the Drawings but not included in the BOQ . Please confirm and advise. Waste Water Pipe 75 mm Vent Pipe 75 mm Stainless Rain Water Pipe 250 mm	<i>75 mm diameter Waste Water Pipe</i> <i>75 mm diameter Vent Pipe</i> <i>250 mm diameter Stainless Rain Water Pipe were already included on the BOQ issued in Addendum 2</i>
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-PL NSCR-DWG-MUN-PL	Please clarify the type of Waste Water Treatment Plant to be used, if a specific type is required	<i>No specific type is required as long as it meets the requirements of the specifications.</i>
S-04	2	Volume 2	NSCR-DWG-ALA-EL-5201 / 02 NSCR-DWG-MUN-EL-5201 / 02	-	Alabang Station Cable Containment Layout Ground Flr and Concourse Level Muntinlupa Station Cable Containment Layout Ground Flr & Concourse Level	Please confirm the size of Cable tray, in DWG it is 900mm2 but in BOQ it is 600mm2.	<i>Cable Tray is 900mm for Bill Nos. 4-1, 4-2, & 4-3; and 600mm for Bill No. 4-4 in accordance to mentioned drawings.</i> <i>Please refer to BOQ issued in Addendum 2, which includes pay item as follows:</i> <i>PIN 707(1)a --- Cable Tray w/ Cover, 900mm(W) x 100mm(H).</i>
S-04	2	Volume 2	-	Electrical Specifications	Spare Part List	Please provide Spare part list and no item in BOQ.	<i>Please refer to provisions in the TS 700 and SCR-PS 700_Annex A for pay items to be provided with spare parts and/or extra stocks.</i> <i>Cost of spare parts and/or extra stock shall be included in the cost of the pay items requiring spare parts and/or extra stocks as specified in the TS and TS Annex A.</i>
S-04	2	Volume 2	-	Static Load Test	Static Load Test	Please clarify if the static load test will be done on test piles/sacrificial piles	<i>Yes, as per TS 204.2.6, ".Initial Load Tests for the test piles and Static Load Tests, Integrity Tests as well as Cross Hole Sonic Logging Tests for all working piles."</i>

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S-04	2	Volume 2	-	Cross Hole Sonic Logging Test	Cross Hole Sonic Logging Test	Please clarify if all bored piles will includes BI Pipes and the owner has the prerogative to which piles to test for cross hole sonic log.	<i>As per TS 204.4.12, the contractor shall install access tube for CSL testing in all bored piles, except otherwise noted, to permit access for the CSL test probes.</i>
S-04	2	Volume 2 and the BOQ Bill 3 Part B.4	NSRP-DWG-VIA04-ST-0038 & 0038	-	Precast Segmental box Girder with width 11.5m	There is missing "Fabrication and Erection of Structural Concrete Class 50 MPa for Precast Segmental Box Girder (W=11.5m, H=2.4m)". Please clarify	<i>BOQ will be revised and issued in Addendum 3</i>
S-04	2	Volume 2 & BOQ Bill 3	NSRP-DWG-VIA00-ST-0511	-	Missing item in BOQ for the Removable steel linear grate cover & PTFE bonded to top of restrainer Block	There are missing item in the BOQ in the bill 3 for the removable steel linear grate cover & PTFE Bonded to top of restrainer Block. Please add the item in the BOQ.	<i>BOQ will be revised and issued in Addendum 3</i>
S-04	2	Volume 2 & BOQ Bill 3 Part D item 209(5)	NSRP-DWG-VIA00-ST-1321	-	Expansion Joint Assemblies	With reference to the item 209 (5) part D in bill no 3, there is "expansion Joint assemblies", but No such details could be found in the drawing. However, there are similar details which is Galvanised steel plate & associated anchor bolts in the drawing NSCRP-DWG-VIA00-ST-0511. Please confirm the measurement of the said galvanized steel plate with associated anchor are under the item 219(5).	<i>For item 209(5), please refer to drawing number NSRP-DWG-VIA00-ST-1321. Item 219(5) is not used.</i>
S-04	2	Volume 2	NSRP-DWG-VIA00-ST-0402	Maximum Concrete placement Temperature	Maximum Concrete Placement Temperature should be kept at 24 deg for 40MPa	Please review and confirm the 24 deg concrete is requirement or suggest any other alternative. The concrete delivery to achieve may not be practical due to unforeseen traffic condition and serious traffic jam in most of the time.	<i>The maximum temperature of fresh concrete at time of placing should be between 26 to 30 degrees C and should be achieved through normal precautions at the mixing plant, for working in hot-humid climates. The Contractor shall comply with the recommendations of TS200 Clause 206.7.8.4 with regard to pre-cooling and TS200 206.7.8.5 and TS200 Clause 206.7.8.5 regarding the cooling of the concrete. At no stage during the concreting process should the temperature of the fresh concrete exceed 35 degrees C.</i>
S-04	2	Volume 2	VIA00-ST-342, NSRP-DWG-VIA00-DR-1301	Drainage on pile cap	Drainage cover rebar detail & drainage horizontal bars	No rebar detail for drainage cover shown in VIA00-ST-342. Can the horizontal bars attached to the column post fix?	<i>Drainage cover drawings as stated in DR-1301, is referred to in DR-1305.</i>
S-04	2	Volume 2	NSRP-DWG-VIA04-ST-0029	Public road access way	Public road access way	Road access way intersection - Are we allowed to lessen the public road access way and add mid support for the cast in situ viaduct or as long as LGU approves it and have sufficient width to not hamper traffic flow?	<i>Yes, your understanding is correct. The bidder shall be required to liaise with concerned authorities.</i>
S-04	2	Volume 2	NSRP-DWG-VIA00-ST-0402	Crack control recommendations for pier column and headstock only	-	Is crack control recommendation for curing concrete of pier column and headstock by using sealed plastic wrapping and wrapping of thermal blanket are required or we will just follow the water curing stated on 206.13.1 (Technical specification) for Class A and Class P concrete?	<i>Please follow the recommendation unless the contractor can propose other equivalent or better control measure being subject to Engineer's approval</i>

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S-04	2	Volume 2	NSRP-DWG-VIA04-ST-0101 to 105	Bearing Type 2	-	With reference to the Pier Schedule, there is a bearing type 2, but No details were found in the drawings. Please advice.	<i>No details have been provided in the drawings for Type 2 bearings since the contractor will design the bearings as per Note #3 indicated in NSRP-DWG-VIA00-ST-0781 Rev 21. 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-04	2	Volume 2	NSRP-DWG-VIA00-ST-0781	Bearing Type 1	-	A type 3 elastomer bearing in table 7 of drawing NSRP-DWG-VIA00-ST-0781 is found. Please confirm where should adopt this details.	<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 and 11.5m 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 in Addendum 3</i>
S-04	2	Volume 2	NSRP-DWG-CIS70-ST-0103	Starter bars for track bed at Abutment top slab	Starter bars for track bed at Abutment top slab	No starter bars for track bed shown on top slab of abutment	<i>NSRP-DWG-CIS70-ST-0103 will be revised in addendum 3 to reflect the starter bars for track slab reinforcement detail on abutment. NSRP-DWG-CIS70-ST-0101 will be revised in addendum 3 to reflect the track slab concrete detail on abutment.</i>
S-05	3	Volume 3-Section 8	PCC7	KD 03-1 Receiving Substations (S10 S11 S12 S13 S14)	-	Please confirm the minimum requirement to achieve this key date. Does it include the building beside substation (i.e. Rectifier)?	<i>The requirements to achieve Key Date is ready for preparation works for receiving electricity.</i>

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S-05	3	Volume 3- Section 8	PCC7	<p>KD 02-1 Complete a minimum and continuous length of 3,000 metres on the viaduct where it passes through at least one of the stations</p> <p>KD 02-2 Complete a minimum and continuous length of 6,000 metres within any viaduct section</p> <p>KD 02-3 Completion of the remaining viaduct sections (approximately 2.51 km)</p>	-	Please confirm the minimum requirement to achieve this Key Dates. Is it the Cast-in-Situ Upstand, Parapet or the Viaduct Segment Installation?	<i>All works on the viaduct,i.e. parapet, cable trough, protective concrete and etc., shall be completed .</i>
S-05	2	Volume 2	-	Cross Hole Sonic Logging Test	Cross Hole Sonic Logging Test	Please clarify if all bored piles will includes BI Pipes and the owner has the prerogative to which piles to test for cross hole sonic log.	<i>As per TS 204.4.12, the contractor shall install access tube for CSL testing in all bored piles, except otherwise noted, to permit access for the CSL test probes.</i>

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S-05	2	Volume 2	-	-	NSCR-DWG-SPO-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Air Ducts</p> <p>PLENUM 2800 x 1300 mm PLENUM 1500 x 1000 mm PLENUM 1700 x 700 mm PLENUM 1000 x 700 mm PLENUM 900 x 600 mm PLENUM 900 x 400 mm PLENUM 900 x 300 mm PLENUM 600 x 400 mm PLENUM 750 x 600 mm</p> <p>Smoke Exhaust Ducts</p> <p>PLENUM 4750 x 1500 PLENUM 3000 x 1500 PLENUM 1500 x 1350 2200 x 500 SED 1000 x 400 SED 1200 x 500 SED 1700 x 500 SED</p>	<p><i>Plenum boxes are considered as duct fittings and are to be included in the rate of the ductworks.</i></p> <p><i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others):</i></p> <p><i>(b) Duct fittings and stiffener/s;</i></p> <p><i>2200x500 SED, 1000x400 SED, 1200x500 SED & 1700x500 SED were already included in the BOQ issued in Addendum 2</i></p>
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Pressurization Duct System</p> <p>SPAD 800 x 500 mm PLENUM 2000 x 1500 mm</p>	<p><i>"Plenum boxes are considered as duct fittings and are to be included in the rate of the ductworks.</i></p> <p><i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others):</i></p> <p><i>(b) Duct fittings and stiffener/s;</i></p> <p><i>800x500 SPAD is not shown in plan. Please provide the drawings/location of the items.</i></p>
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>AC Grilles & Diffuser</p> <p>1850 x 600 EAG 600 x 500 EAG 400 x 350 EAG 2000 x 2000 SAG 500 x 500 SAG 400 x 350 SAG 350 x 350 SAG 150 x 150 SAG 200 X 200 SAG</p>	<p><i>1850x600 EAG</i> <i>2000x2000 SAG</i> <i>500x500 SAG</i> <i>350x350 SAG</i> <i>150x150 SAG &</i> <i>200x200 SAG are already included in the BOQ issued in Addendum 2</i></p> <p><i>600x500 EAG</i> <i>400x350 EAG</i> <i>400x350 SAG are not shown in plan. Please provide the drawings/location of the items.</i></p>

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S-05	2	Volume 2	-	-	NSCR-DWG-SPO-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Motorized Damper 2200 x 500 1000 x 400</p> <p>Fire Dampers 4750 x 1500 FD 1500 x 1350 FD 3000 x 1500 FD 1000 x 700 FD 1300 x 1300 FD 300 x 250 FD</p>	<p>2200x500 MD 1000x400 MD 4750x1500 FD & 1500x1350 FD are already included in the BOQ issued in Addendum 2</p> <p>3000x1500 FD 1000x700 FD 1300x1300 FD & 300x250 FD are not shown in plan. Please provide the drawings/location of the items.</p>
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>FANS SEF-01: Axial Inline Type Smoke Exhaust Fan for Unventilated Area at Concourse Level, Airflow: 7109 L/S and Static Pressure of 250PA - (9 UNITS) PF-01 : Stair Pressurization - (4 UNITS)</p>	<p>SEF-01 & PF-01 were already included in the BOQ issued in Addendum 2</p>
S-05	2	Volume 2	-	-	NSCR-DWG-PTA-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Air Ducts PLENUM 2400 x 1600 mm PLENUM 1650 x 550 mm PLENUM 1200 x 400 mm PLENUM 1150 x 400 mm PLENUM 1050 x 350 mm PLENUM 900 x 300 mm PLENUM 600 x 500 mm</p> <p>Smoke Exhaust Ducts PLENUM 3950 x 1500 PLENUM 3300 x 1500 PLENUM 2850 x 1500 PLENUM 1500 x 1200 1000 x 450 SED 900 x 450 SED 900 x 400 SED 700 x 450 SED 700 x 350 SED 600 x 350 SED 700 x 200 SED</p>	<p>Plenum boxes are considered as duct fittings and are to be included in the rate of the ductworks.</p> <p>Please refer to SCRP-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others):</p> <p>(b) Duct fittings and stiffener/s;</p> <p>1000x450 SED, 900x450 SED, 700x450 SED, 700x350 SED & 600x350 SED were already included in the BOQ issued in Addendum 2</p> <p>700x200 SED is not shown in plan. Please provide the drawings/location of the items.</p>

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S-05	2	Volume 2	-	-	NSCR-DWG-BIN-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Pressurization Duct System SPAD 950 x 800 mm PLENUM 2500 x 2200 mm</p>	<p><i>"Plenum boxes are considered as duct fittings and are to be included in the rate of the ductworks.</i></p> <p><i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others):</i></p> <p><i>(b) Duct fittings and stiffener/s;</i></p> <p><i>950x800 SPAD is already included in the BOQ issued in Addendum 2</i></p>
S-05	2	Volume 2	-	-	NSCR-DWG-PTA-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>AC Grilles & Diffuser 1850 x 600 EAG 600 x 500 EAG 400 x 350 EAG 2000 x 2000 SAG 500 x 500 SAG 400 x 350 SAG 350 x 350 SAG 150 x 150 SAG 200 X 200 SAG</p>	<p><i>600x500 EAG, 2000x2000 EAG, 350x350 SAG, 150x150 SAG & 200x200 SAG were already included in the BOQ issued in Addendum 2</i></p> <p><i>1850x600 EAG 400x350 EAG 500x500 EAG & 400x350 SAG are not shown in plan. Please provide the drawings/location of the items.</i></p>
S-05	2	Volume 2	-	-	NSCR-DWG-PTA-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Motorized Damper 1850 x 500 MD 1600 x 500 MD 1600 x 450 MD 900 x 400 MD</p> <p>Fire Dampers 3950 x 1500 FD 3000 x 1500 FD 2850 x 1500 FD 2600 x 1000 FD 2400 x 1600 FD 1500 x 1200 FD 1300 x 1300 FD</p>	<p><i>1850x500 MD, 900x400 MD, 3950x500 FD, 2850x1500 FD 2600x1000 FD & 1500x1200 FD are already included in the BOQ issued in Addendum 2</i></p> <p><i>1600x500 MD 1600x450 MD 3000x1500 FD 2400x1600 FD & 1300x1300 FD are not shown in plan. Please provide the drawings/location of the items.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	Volume 2	-	-	NSCR-DWG-PTA-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>FANS SEF-01: Axial Inline Type Smoke Exhaust Fan for Unventilated Area at Concourse Level, Airflow: 4232 L/S and Static Pressure of 250PA - (6 UNITS) PF-01 : Stair Pressurization - (4 UNITS)</p>	<p><i>SEF-01 & PF-01 were already included in the BOQ issued in Addendum 2</i></p>
S-05	2	Volume 2	-	-	NSCR-DWG-BIN-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Air Ducts PLENUM 2400 x 1600 mm PLENUM 1800 x 1600 mm PLENUM 1000 x 400 mm PLENUM 1050 x 350 mm Smoke Exhaust Ducts PLENUM 4750 x 1500 PLENUM 3300 x 1500 PLENUM 2650 x 1300 PLENUM 1500 x 1200 2200 x 500 SED 1700 x 500 SED 1600 x 500 SED 1250 x 500 SED 1200 x 500 SED 1000 x 450 SED</p>	<p><i>Plenum boxes are considered as duct fittings and are to be included in the rate of the ductworks.</i></p> <p><i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others):</i></p> <p><i>(b) Duct fittings and stiffener/s;</i></p> <p><i>2200x500 SED, 1700x500 SED, 1600x500 SED, 1250x500 SED, 1200x500 SED & 1000x450 SED are already included in the BOQ issued in Addendum 2</i></p>
S-05	2	Volume 2	-	-	NSCR-DWG-BIN-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Pressurization Duct System SPAD 950 x 800 mm PLENUM 2500 x 2200 mm</p>	<p><i>"Plenum boxes are considered as duct fittings and are to be included in the rate of the ductworks.</i></p> <p><i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others):</i></p> <p><i>(b) Duct fittings and stiffener/s;</i></p> <p><i>950x800 SPAD is already included in the BOQ in Addendum 2</i></p>

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S-05	2	Volume 2	-	-	NSCR-DWG-BIN-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>AC Grilles & Diffuser 1850 x 600 EAG 600 x 500 EAG 400 x 350 EAG 2000 x 2000 SAG 500 x 500 SAG 400 x 350 SAG 350 x 350 SAG 150 x 150 SAG 200 X 200 SAG</p>	<p>1850x600 EAG, 2000x2000 SAG, 350x350 SAG & 200x200 SAG are already included in the BOQ issued in Addendum 2</p> <p>600x500 EAG 400x350 EAG 500x500 SAG 400x350 SAG & 150x150 SAG are not shown in plan. Please provide the drawings/location of the items.</p>
S-05	2	Volume 2	-	-	NSCR-DWG-BIN-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Motorized Damper 2200 x 500 MD 1600 x 500 MD 750 x 450 MD</p> <p>Fire Dampers 4750 x 1500 FD 3300 x 1500 FD 2650 x 1300 FD 1500 x 1200 FD 1300 x 1300 FD 800 x 800 FD 750 x 250 FD</p>	<p>2200x500 MD, 1600x500 MD, 750x450 MD 4750x1500 FD, 3300x1500 FD 2650x1300 FD & 1500x1200 FD are already included in the BOQ in Addendum 2</p> <p>800x800 FD 750x250 FD & 1300x1300 FD are not shown in plan. Please provide the drawings/location of the items.</p>
S-05	2	Volume 2	-	-	NSCR-DWG-BIN-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>FANS SEF-01: Axial Inline Type Smoke Exhaust Fan for Unventilated Area at Concourse Level, Airflow: 5546 L/S and Static Pressure of 250PA - (6 UNITS) PF-01 : Stair Pressurization - (4 UNITS)</p>	<p>SEF-01 & PF-01 were already included in the BOQ issued in Addendum 2</p>
S-05	2	Volume 2	-	-	NSCR-DWG-SRO-ME	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Air Ducts PLENUM 2400 x 1600 mm PLENUM 1800 x 1600 mm PLENUM 1050 x 450 mm PLENUM 1050 x 350 mm</p>	<p>Plenum boxes are considered as duct fittings and are to be included in the rate of the ductworks.</p> <p>Please refer to SCRP-TS 600_Annex A, Sub-Clause 605.1.1, Item 1(b), which states that rate of ductworks shall include (among others):</p> <p>(b) Duct fittings and stiffener/s.</p>

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S-05	2	Volume 2	-	-	NSCR-DWG-SRO-ME	The following items were found in the Drawings but not included in the BOQ . Please confirm and advise. Fire Dampers 1300 x 1300 FD	<i>1300x1300 FD are not shown in plan. Please provide the drawings/location of the items.</i>
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-FS-6612, NSCR-DWG-SRO-FS-6612, NSCR-DWG-BIN-FS-6612, NSCR-DWG-PTA-FS-6612	Water Tank Piping is consistently 100 mm according Pump Room Layout but there is no 100 mm Pipe in the BOQ. May we add these as Line Items under Sundries	<i>Pipe System for the Water Tanks are to be included in the rate of the Pumps.</i> <i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 617.1.1, Items 1(c), which states that rate of Pumps shall include (among others):</i> <i>(c) Pipes, including fittings and accessories.</i>
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-FS-6612, NSCR-DWG-SRO-FS-6612, NSCR-DWG-BIN-FS-6612, NSCR-DWG-PTA-FS-6612	The Following Items not present in the BOQ: Control Valve Pressure Gauge Gate Valve OS&Y Check Valve Test Valves May we add these items under Sundries?	<i>Valves and Accessories for the Water Tanks and pumps are to be included in the rate of the Tanks & Pumps.</i> <i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 632.1.1, Items 1(c), 2(b) & 2(d) which states that rate of Tanks & Pumps shall include (among others):</i> <i>1(c) Pipes, including fittings and accessories;</i> <i>2(b) Pipe fittings and accessories, including gate valves; and</i> <i>2(d) Piping from fire water tank unto Isolation Valve with temper switch and from Test Valve Manifold valve discharge pipe joint of fire pump assembly.</i>
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-FS-6618, NSCR-DWG-SRO-FS-6608, NSCR-DWG-BIN-FS-6618, NSCR-DWG-PTA-FS-6608	The Fire Department Connection and Test Header Connection are not included in the BOQ. May we add these are additional line items under Sundries?	<i>Fire Department Connection and Test Header Connection is the same as item 630(8) Stand Pipe and Hose System.</i>
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-PL NSCR-DWG-SRO-PL, NSCR-DWG-BIN-PL, NSCR-DWG-PTA-PL	The following items were found in the Drawings but not included in the BOQ . Please confirm and advise. Water Distribution System Water Distribution Pipe GI 50 mm Water Distribution Pipe GI 75 mm Water Distribution Pipe 20 mm Gate Valve 20 mm Gate Valve 75 mm	<i>75 mm, 50mm & 20mm diameter pipes for domestic water supply and 75mm & 20mm gate valves were already included on the BOQ issued in Addendum 2</i> <i>Technical Specification for domestic water supply line shall be PPR PN-20. Please refer to SCRP-TS 600 Sub-Clause 607.2.3.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-PL NSCR-DWG-SRO-PL, NSCR-DWG-BIN-PL, NSCR-DWG-PTA-PL	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Sanitary Works Floor Drain, 50mm Canopy Drain, 100mm Floor Cleanout, 100mm Floor Cleanout, 80mm Floor Cleanout, 50mm Ground Cleanout, 250mm Ground Cleanout, 150mm Ceiling Cleanout, 100mm Ceiling Cleanout, 40mm Ceiling Cleanout, 32mm Ceiling Cleanout, 25mm</p>	<p>50mm Floor Drain are already included on the BOQ issued in Addendum 2</p> <p>100mm Canopy Drain not shown in plan. Please provide the drawings/location of the items.</p> <p>Cleanouts are considered as pipe fittings and to be included in the rate of the Piping works.</p> <p>Please refer to SCR-PS 600_Annex A, Sub-Clause 607.1.1, which states that rate of Tanks & Pumps shall include Pipes, fittings and accessories for each type of pipe, including approved allowance for wastage; supply and installation.</p>
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-PL NSCR-DWG-SRO-PL, NSCR-DWG-BIN-PL, NSCR-DWG-PTA-PL	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Waste Water Pipe 75 mm Vent Pipe 75 mm Stainless Rain Water Pipe 250 mm</p>	<p>75 mm diameter Waste Water Pipe 75 mm diameter Vent Pipe 250 mm diameter Stainless Rain Water Pipe were already included on the BOQ issued in Addendum 2</p>
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-PL NSCR-DWG-SRO-PL, NSCR-DWG-BIN-PL, NSCR-DWG-PTA-PL	<p>Please clarify the type of Waste Water Treatment Plant to be used, if a specific type is required</p>	<p>No specific type is required as long as it meets the requirements of the specifications.</p>
S-05	2	Volume 2	-	-	NSCR-DWG-SPO-EL-5201 / 02 NSCR-DWG-PTA-EL-5201 / 02 NSCR-DWG-BIN-EL-5201 / 02 NSCR-DWG-SRO-EL-5201 / 02	<p>San Pedro Station Cable Containment Layout Ground Flr and Concourse Level Pacita Station Cable Containment Layout Ground Flr & Concourse Level Binan Station Cable Containment Layout Ground Flr & Concourse Level Starosa Station Cable Containment Layout Ground Flr & Concourse Level</p> <p>Please confirm the size of Cable tray, in DWG it is 900mm² but in BOQ it is 600mm².</p>	<p>Cable Tray is 900mm for Bill Nos. 4-1, 4-2, & 4-3; and 600mm for Bill No. 4-4 in accordance with the mentioned drawings.</p> <p>Please refer to BOQo in Addendum 2, which includes pay item as follows:</p> <p>PIN 707(1)a --- Cable Tray w/ Cover, 900mm(W) x 100mm(H).</p>
S-05	2	Volume 2	-	Electrical Specifications	Spare Part List	<p>Please provide Spare part list and no item in BOQ.</p>	<p>Please refer to provisions in the TS 700 and SCR-PS 700_Annex A for pay items to be provided with spare parts and/or extra stocks.</p> <p>Cost of spare parts and/or extra stock shall be included in the cost of the pay items requiring spare parts and/or extra stocks as specified in the TS and TS Annex A.</p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1	Volume 1- Section 2, Bid Data Sheet, Part C ITB 13.4	-	Alternative technical solution	-	Please confirm if this clause includes any proposal to change from precast to cast-in-situ driven mainly by improving constructability. An example of which is precast deck slab instead of cast-in-situ on steel bridges.	<i>No alternative technical solution shall be permitted during Bid. The Contractor may follow relevant FIDIC clauses for value engineering during contract implementation.</i>
S-05	2	Volume 2	NSRP-DWG- VIA05-ST- 0101 to 106	Bearing Type 2	-	With reference to the Pier Schedule, there is a bearing type 2, but No details were found in the drawings. Please advice.	<i>No details have been provided in the drawings for Type 2 bearings since the contractor will design the bearings as per Note #3 indicated in NSRP-DWG-VIA00-ST-0781 Rev 21. 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	Volume 2	NSRP-DWG- VIA00-ST- 0781	Bearing Type 1	-	A type 3 elastomer bearing in table 7 of drawing NSRP-DWG-VIA00-ST-0781 is found. Please confirm where should adopt this details.	<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 and 11.5m wide precast segmental box girder. Type 2 applies to 6.3m and 5.1m wide precast segmental box girder. NSRP-DWG-VIA00-ST-0781 shall be revised in Addendum 3</i>
S-06	3	Volume 3- Section 8	PCC7	KD 03-1 Receiving Substations (S7 S8 S9)	-	Please confirm the minimum requirement to achieve this key date. Does it include the building beside substation (i.e. Rectifier)?	<i>The requirements to achieve Key Date is ready for preparation works for receiving electricity</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	3	Volume 3- Section 8	PCC7	<p>KD 02-1 Complete a minimum and continuous length of 3,000 metres on the viaduct where it passes through at least one of the stations</p> <p>KD 02-2 Complete a minimum and continuous length of 6,000 metres within any viaduct section</p> <p>KD 02-3 Completion of the remaining viaduct sections (approximately 2.51 km)</p>	-	Please confirm the minimum requirement to achieve this Key Dates. Is it the Cast-in-Situ Upstand, Parapet or the Viaduct Segment Instalaltion?	<i>All works on the viaduct,i.e. parapet, cable trough, protective concrete and etc., shall be completed .</i>
S-06	2	Volume 2	-	Cross Hole Sonic Logging Test	Cross Hole Sonic Logging Test	Please clarify if all bored piles will includes BI Pipes and the owner has the prerogative to which piles to test for cross hole sonic log.	<i>As per TS 204.4.12, the contractor shall install access tube for CSL testing in all bored piles, except otherwise noted, to permit access for the CSL test probes.</i>
S-06	2	Volume 2	-	-	NSCR-DWG-BAN-FS-6612, NSCR-DWG-CAB-FS-6612, NSCR-DWG-CAL-FS-6612	Water Tank Piping is consistently 100 mm according Pump Room Layout but there is no 100 mm Pipe in the BOQ. May we add these as Line Items under Sundries	<p><i>Pipe System for the Water Tanks are to be included in the rate of the Pumps.</i></p> <p><i>Please refer to SCR-P-TS 600_Annex A, Sub-Clause 617.1.1, Items 1(c), which states that rate of Pumps shall include (among others):</i></p> <p><i>(c) Pipes, including fittings and accessories.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	Volume 2	-	-	NSCR-DWG-BAN-FS-6612, NSCR-DWG-CAB-FS-6612, NSCR-DWG-CAL-FS-6612	<p>The Following Items not present in the BOQ:</p> <p>Control Valve Pressure Gauge Gate Valve OS&Y Check Valve Test Valves</p> <p>May we add these items under Sundries?</p>	<p><i>Valves and Accessories for the Water Tanks and pumps are to be included in the rate of the Tanks & Pumps.</i></p> <p><i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 632.1.1, Items 1(c), 2(b) & 2(d) which states that rate of Tanks & Pumps shall include (among others):</i></p> <p><i>1(c) Pipes, including fittings and accessories;</i> <i>2(b) Pipe fittings and accessories, including gate valves; and</i> <i>2(d) Piping from fire water tank unto Isolation Valve with temper switch and from Test Valve Manifold valve discharge pipe joint of fire pump assembly.</i></p>
S-06	2	Volume 2	-	-	NSCR-DWG-BAN-FS-6618, NSCR-DWG-CAB-FS-6608, , NSCR-DWG-CAL-FS-6608	The Fire Department Connection and Test Header Connection are not included in the BOQ. May we add these are additional line items under Sundries?	<i>Fire Department Connection and Test Header Connection is the same as item 630(8) Stand Pipe and Hose System.</i>
S-06	2	Volume 2	-	-	NSCR-DWG-BAN-PL, NSCR-DWG-CAB-PL, , NSCR-DWG-CAL-PL	According to Drawings and Equipment Schedule, there are 12 Water Heaters in ALA and 1 in MUN. BOQ only reflects 6 in ALA and 0 in MUN.	<i>Quantity of Water Heaters in ALA and MUN were already corrected in the BOQ issued in Addendum 2</i>
S-06	2	Volume 2	-	-	NSCR-DWG-BAN-PL, NSCR-DWG-CAB-PL, NSCR-DWG-CAL-PL	<p>The following items were found in the Drawings but not included in the BOQ . May we add the following Items which are in the Layout Plans & Equipment Schedule but not reflected in the BOQ? .</p> <p>Water Distribution System Water Distribution Pipe GI 50 mm Water Distribution Pipe GI 75 mm Water Distribution Pipe 20 mm Gate Valve 20 mm Gate Valve 75 mm</p>	<p><i>75 mm, 50mm & 20mm diameter pipes for domestic water supply and 75mm & 20mm gate valves were already included on the BOQ issued in Addendum 2</i></p> <p><i>Technical Specification for domestic water supply line shall be PPR PN-20. Please refer to SCRP-TS 600 Sub-Clause 607.2.3.</i></p>
S-06	2	Volume 2	-	-	NSCR-DWG-BAN-PL, NSCR-DWG-CAB-PL, NSCR-DWG-CAL-PL	<p>The following items were found in the Drawings but not included in the BOQ . Please confirm and advise.</p> <p>Sanitary Works Floor Drain, 50mm Canopy Drain, 100mm Floor Cleanout, 100mm Floor Cleanout, 80mm Floor Cleanout, 50mm Ground Cleanout, 250mm Ground Cleanout, 150mm Ceiling Cleanout, 100mm Ceiling Cleanout, 40mm Ceiling Cleanout, 32mm Ceiling Cleanout, 25mm</p>	<p><i>50mm Floor Drain are already included on the BOQ issued in Addendum 2</i></p> <p><i>100mm Canopy Drain not shown in plan. Please provide the drawings/location of the items.</i></p> <p><i>Cleanouts are considered as pipe fittings and to be included in the rate of the Piping works.</i></p> <p><i>Please refer to SCRP-TS 600_Annex A, Sub-Clause 607.1.1, which states that rate of Tanks & Pumps shall include Pipes, fittings and accessories for each type of pipe, including approved allowance for wastage; supply and installation.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	Volume 2	-	-	NSCR-DWG-BAN-PL, NSCR-DWG-CAB-PL, NSCR-DWG-CAL-PL	The following items were found in the Drawings but not included in the BOQ . Please confirm and advise. Waste Water Pipe 75 mm Vent Pipe 75 mm Stainless Rain Water Pipe 250 mm	75 mm diameter Waste Water Pipe 75 mm diameter Vent Pipe 250 mm diameter Stainless Rain Water Pipe were already included on the BOQ issued in Addendum 2
S-06	2	Volume 2	-	-	NSCR-DWG-BAN-PL, NSCR-DWG-CAB-PL, NSCR-DWG-CAL-PL	Please clarify the type of Waste Water Treatment Plant to be used, if a specific type is required	No specific type is required as long as it meets the requirements of the specifications.
S-06	2	Volume 2	NSCR-DWG-CAB-EL-5201 / 02 NSCR-DWG-BAN-EL-5201 / 02 NSCR-DWG-CAL-EL-5201 / 02	-	Cabuyao Station Cable Containment Layout Ground Flr and Concourse Level Banlic Station Cable Containment Layout Ground Flr & Concourse Level Calamba Station Cable Containment Layout Ground Flr & Concourse Level	Please confirm the size of Cable tray, in DWG it is 900mm2 but in BOQ it is 600mm2.	Cable Tray is 900mm for Bill Nos. 4-1, 4-2, & 4-3; and 600mm for Bill No. 4-4 in accordance to mentioned drawings. Please refer to BOQ issued in Addendum 2, which includes pay item as follows: PIN 707(1)a --- Cable Tray w/ Cover, 900mm(W) x 100mm(H).
S-06	2	Volume 2	-	Electrical Specifications	Spare Part List	Please provide Spare part list and no item in BOQ.	Please refer to provisions in the TS 700 and SCRP_TS 700_Annex A for pay items to be provided with spare parts and/or extra stocks. Cost of spare parts and/or extra stock shall be included in the cost of the pay items requiring spare parts and/or extra stocks as specified in the TS and TS Annex A.
S-06	1	Volume 1- Section 2, Bid Data Sheet, Part C ITB 13.4	-	Alternative technical solution	-	Please confirm if this clause includes any proposal to change from precast to cast-in-situ driven mainly by improving constructability. An example of which is precast deck slab instead of cast-in-situ on steel bridges.	No alternative technical solution shall be permitted during Bid. The Contractor may follow relevant FIDIC clauses for value engineering during contract implementation.
S-06	1	Volume 1 Section 4a bill 3 Part B.8 Item no 209(17) and Volume 2	-	Steelworks – Steel Tied Arch Bridge – San Cristobal River Crossing	-	There is weight of steel in Steel tied Arch Bridge discrepancy between the BOQ and the drawings. The difference is more than 25%. Please review and amend the BQ accordingly.	BOQ will be revised and issued in Addendum 3
S-06	2	Volume 2	NSRP-DWG-VIA06-ST-0101 to 106	Bearing Type 2	-	With reference to the Pier Schedule, there is a bearing type 2, but No details were found in the drawings. Please advice.	No details have been provided in the drawings for Type 2 bearings since the contractor will design the bearings as per Note #3 indicated in NSRP-DWG-VIA00-ST-0781 Rev 21. 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.

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	Volume 2	NSRP-DWG-VIA00-ST-0781	Bearing Type 1	-	A type 3 elastomer bearing in table 7 of drawing NSRP-DWG-VIA00-ST-0781 is found. Please confirm where should adopt this details.	<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 shall be revised.</i>
S-04	2	-	-	Drawings / Structural	Structural Drawings	Please confirm the following: The tag for the slab at Platform Floor Level along Grid A and Grid F is S20, at Drawing Sheet NSRP-DWG-ALA-ST-4141. Refer to "ANNEX B"	<i>The highlighted slabs on Annex B are S20.</i>
S-04	2	-	-	Drawings / Architectural	Architectural Drawings	Please provide of the following: a. Blow up section of PWD Toilet @ Ground Level, at Drawing Sheet NCRP-DWG-ALA-ST-4523. Refer to "ANNEX C" b. Blow up section of Male ,Female Shower Room & Male, Female Driver's Toilet at Concourse. Level. at Drawing Sheet NCRP-DWG-ALA-ST-3518. Refer to "ANNEX D"	<i>For annex C, please refer to detail of toilet sheet no. NSRP-DWG-ALA-AR-3536 and NSRP-DWG-ALA-AR-3537 rev. 21</i> <i>For annex D, details are to be provide on sheet no. NSRP-DWG-ALA-AR-3538 and NSRP-DWG-ALA-AR-3539 rev. 21.3 to be issued in Addendum 3</i>
S-04	2	-	-	Drawings / Architectural	Architectural Drawings	Please confirm the following: Material to be used for the base of the countertop, if concrete substrate or angular bar. Refer to "ANNEX E"	<i>Granite slab countertop with angular bar fixation on wall for male & female toilets and shower rooms; wall-hung type lavatory for PWD, and both for Multi-purpose toilets; Please refer to NSRP-DWG-ALA-AR-3101 and NSRP-DWG-MUN-AR-3101 for type of lavatories being used. rev. 21.2</i>
S-04	1	Volume 1 Sec. 1-3,5	EQC 16 & Page 53/63	1.4 Step 4 – Ranking of Bidders 1.4.3	-	The bidder understands that the evaluation of multiple contract for CP S-04, S-05, S-06, S-07 and CP S-01, C-S02 will be independent from each other. Please confirm our understanding.	<i>Bids will be evaluated independently for each contract package.</i> <i>However, Bidder is reminded to pay attention to the following aggregated requirements as stated in Section 3 EQC 1.4.2 and EQC 1.4.3</i> <i>* Average annual construction turnover</i> <i>* Financial resources</i> <i>* Equipment to be allocated, and</i> <i>* Personnel to be fielded</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	1	Volume 1 Sec. 1-3,5	ITB 5 & 6 & Page 8/63	4. Eligible Bidders	<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; or</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; or</p>	<p>The bidder understands that this clause is specifically mentioned for every single one package only and will not consider for all the other packages which can be submitted as a combined package, i.e.;</p> <ul style="list-style-type: none"> - Company A and B will be participating to the Package 5 as a JV - Company A and C will be participating to the Package 1 as a JV <p>We understand that there will be no conflict of interest between the parties A, B and C. Please confirm our understanding.</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>
S-04	1	Volume 1 Sec. 1-3,5	ITB 8 & Page 11/63	10 . Language of Bid	<p>10.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Employer, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.</p>	<p>The bidder understands that the all the documents which will comprise the bidder's submission, shall be in English and where the supporting documents are not in English originally, the accurate translation of these shall be attached. However there is no validation condition for these foreign language documents such as key personnel supplemental documents: diploma, certificates, etc. We understood that only the accurate translation of these supplement documents will be valid & accepted by your management without any apostille approval. Please confirm.</p>	<p><i>Bidder's understanding is correct. All documents comprising the Bid shall be signed in accordance with ITB 20.2</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	1	Volume 1, Section 4	33 of 130	BoQ T/S No. 507	W=200mm Expansion joint and joint cover assemblies	Please provide detail drawings for types of expansion joints.	<i>For Expansion Joint details, refer to sheet NSRP-DWG-STA-AR-3551 rev 21.2</i>
S-04	2	Volume 2, Section 6	15 of 116	GS 103	Possession of Site and Contractor's Mobilization	Please provide the exemption for heavy equipment mobilization during daylight.	<i>Please refer to the regulation issued by the authorities.</i>
S-04	2	-	-	Drawings / Architectural	Architectural Drawings	Please confirm which detail will be govern of the following: a. If wall hung lavatory or with granite countertop. Location is @ Concourse Level Male & Female Staff Toilet - Muntinlupa Station. Refer to "ANNEX F" . NSRP-DWG-MUN-AR-3403 to 3404 b . If wall hung lavatory or with granite countertop. Location is @ Ground Level PWD Toilet - Muntinlupa Station. Refer to "ANNEX G" NSRP-DWG-MUN-AR-3533 c. If wall hung lavatory or with granite countertop. Location is @ Concourse Level Multi Purpose Toilet - Muntinlupa Station. Refer to "ANNEX H" NSRP-DWG-MUN-AR-3537	<i>a. Wall-hung lavatory. NSRP-DWG-MUN-AR-3404 will be revised and issued in Addendum 3 b. Wall-hung lavatory. NSRP-DWG-MUN-AR-3533 will be revised and issued in Addendum 3 c. Wall-hung lavatory. NSRP-DWG-MUN-AR-3537 will be revised and issued in Addendum 3</i>
S-04	2	-	-	Drawings / Architectural	Architectural Drawings	Please provide the Location of the following: a. 95mm x 905mm x 100mm Loading Dock Rubber Buffer @ Parking Area - Muntinlupa Station. b. Door Sign and Building sign @ Substations. c. BRR @ Alabang and Muntinlupa Stations. d. Location of Plant Pot Glass Fiber Reinforced Concrete Ø 2m, H 3m. Refer to "ANNEX I" NSRP-DWG-MUN-AR-3022.	<i>a. Please see detail F of sheet no. NSRP-DWG-STA-AR-3556 Rev. 21.3 will be issued in Addendum 3 b. Signages for Substations are to be added on drawings and to be issued in Addendum 3 c. BFR is located in Grids 14-15 and Grids A-B for ALA (NSRP-DWG-ALA-AR-3101) and Grids 9-10 and Grids A-B fo MUN (NSRP-DWG-MUN-AR-3101) rev. 21.2 d. Plant Pot Glass Fiber-Reinforced Concrete not required.</i>
S-04	2	Volume 2 & Section 6 IB General Specification	GS 38	114.2.6	In cases where it is necessary or required by the Engineer, the Contractor shall construct and maintain temporary traffic ramps, and furnish all the labour and materials required.	Which BOQ item includes this payment? Please explain how the specified work will be paid.	<i>The temporary traffic ramps are part of GS114.2.6, which is part of Bill 1 GS114 Traffic Management.</i>
S-04	-	Site Data - 19. SCRP Site Data Proposed Site(s) for Contractor - SCRP Item 10.19 Sites for Contractor - Revised	-	-	-	We tried to contact the property owners for potential site areas shared by the client, but some areas have changed ownership. Please suggest new alternative site areas.	<i>The proposed site is for reference only and the bidder is required to allocate proposed site.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	1	Volume 1 Section 4 Bill of Quantities	19 of 130	GS 118(12)	Demolish Buildings/Structures, dispose of arisings off-site unless agreed otherwise with the Engineer	Please confirm that the Employer shall provide the land acquisition for alignment and inside of Right of Way as per tender drawings.	<i>The employer shall provide the land inside ROW.</i>
S-04	1	Volume 1 Section 4 Bill of Quantities	19 of 130	GS 118(12)	Demolish Buildings/Structures, dispose of arisings off-site unless agreed otherwise with the Engineer	Please confirm that the Employer shall provide all relocation of existing residences for alignment and inside of Right of Way as per tender drawings.	<i>please refer to Provisional Sum PS-2 Demolitions and Clearing of Affected Properties under RAP</i>
S-04	1	Volume 1 Section 4 Bill of Quantities	19 of 130	GS 118(12)	Demolish Buildings/Structures, dispose of arisings off-site unless agreed otherwise with the Engineer	Please confirm that the contractor has the responsibility of all demolish Buildings/Structures inside the Right of Way as per tender drawings except land acquisition, relocation of residences, and protection, or relocation of utilities. If the Employer confirms this, the Employer shall provide the detailed survey report of existing buildings/structures to estimate the cost because the cost as a unit of a lump sum cannot be calculated due to insufficient knowledge. We would like to remind you that the detailed survey report of existing buildings/structures shall consist of the amount, number, conditions, floors and heights, construction materials, foundation type, condition of materials and items inside the buildings/structures, etc. Without the detailed survey report, price analysis of this payment item is impossible. Therefore, please provide the detailed survey report of existing buildings/structures.	<i>Please refer to relevant provisional sum items which has already indicates Employer's estimation of cost on each respective item.</i>
S-04	1	Volume 1 Section 4 Bidding Forms	BF 58	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.	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 confirm.	<i>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-04	1	Volume 1 Section 4 Bidding Forms	BF 59	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.	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 confirm.	<i>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-04	1	Volume 1 / 1.3b CP S-01 Vol.1A Sec.4A BOQ 20200930	Bill no.1	GS104(4)	Mobilisation of Contractor's Accommodation	We understand that after the contractor delivers the segment moulds, machinery and equipment to the precast yard, payment will be done under item GS104 (5) in Bill no.1. Please confirm.	<i>Please refer to: GS104(5) Design and mobilization of pre-cast yard. GS104(19) Demolition of Pre-cast yard. Payment shall be as follows: 1. Lumpsum Fixed charges will be once only payment for mobilization and demobilization. 2. Lump sum time related charges will be spread over the contract period.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	Vol 2 Book 1 (Civil)	NSRP-DWG- BR215-ST- 0193-4	San Cristobal Arch Bridge Arch Tie Details Sheet 2-3	2 Sectional elevation – at – cable anchorage on cable CL in NSRP- DWG-BR215-ST-0193 / 1-7 in NSRP-DWG-BR215-ST-0194	It is understood that the requirement of Structural Steel GRADE 345(50) shall be applied for both formwork tube, and hatch cover with applicable components. Please clarify.	<i>Yes, Structural Steel GRADE 345(50) shall be applied for both formwork tube, and hatch cover.</i>
S-06	1A	Vol 1A Sec.4A	Bill no.3 PART B.8	Steel Tied Arch Bridge	-	Please clarify where to include coating qt'y as it is not included in given BOQ.	<i>Please include the cost of coating to the unit rate of pay item 209(17).</i>
S-06	1A	Vol 1A Sec. 4A	Bill no.5 PART D	River Bank Protection Works	NSRP-DWG-VIA00-ST-0701 / NSRP-DWG-VIA06-ST-0035	There is no item for sheet pile with concrete capping in given BOQ. However, it is necessary to install sheet pile with concrete capping where height of river bank protection is more than 5m according to provided drawing.	<i>Installation of sheet pile with concrete capping for San Cristobal River is not necessary. NSRP-DWG-VIA00-ST-0701 will be revised and issued in Addendum 3</i>
S-06	-	02_CP S- 06_VIA00	NSRP-DWG- VIA00-ST- 402	CASTING CON.	All exposed con'c surface:class 2 surface finish(anti-graffiti coating)	"ALL EXPOSED CONCRETE SURFACES SHALL HAVE CLASS 2 SURFACE FINISH TO THE PROJECT SPECIFICATION AND ARE TO BE TREATED WITH AN APPROVED ANTI-GRAFFITI COATING" is stated in the Note 5 of the drawing 'ST-402'. Please confirm that this clause is applied for the pier column and headstock only.	<i>All exposed concrete surface is not limited to pier column and head stock.</i>
S-06	-	03_CP S- 06_VIA06	NSRP-DWG- VIA06-ST- 051 NSRP-DWG- VIA06-ST- 106	PIER TYPE	-	There is discrepancy in design drawing. - in NSRP-DWG-VIA06-ST-051 : Piers Type of DAT21 & DAT22 seems Type P9 - in NSRP-DWG-VIA06-ST-106 : Piers Type of DAT21 & DAT22 is written Type P1 Please kindly clarify which the bidder shall follow.	<i>Pier Schedule shall be revised showing the pier type as Type P9 in Addendum 3</i>