



General Bid Bulletin No. 18 29 March 2021

IFB NO. 20-031-6

#### SOUTH COMMUTER RAILWAY PROJECT FOR PACKAGES CP S-04, CP S-05, CP S-06 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 10)

For your information and guidance.

For the Bids and Awards Committee VI,

SGD. WEBSTER M. LAUREÑANA Chairperson

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
ALL	2		-	Key Personnel- Section 4	-	Please proivde the Cat., Total Work Experience (Years) and Experience in Railway Projects (Years) for Senior Piling Engineer (except for CPS-07)	Bida Ada
S-04	1	Section 4 Bidding Forms	BF 44			According to this section, the Bidder has to submit BIM Implementation Plan. Please provide detail requirements of LOD 500.	Ple
S-04	-	General			the rate of five percent (5%) of the gross payment thereof: provided, that beginning January 1, 2021, the VAT withholding system under this subsection shall shift from final to a	We understand that for SCRP Project being ODA-funded, withholding of the 5% out of 12% VAT does not apply. In other words, the Employer will pay the Contractor with the full 12% VAT amount. Please confirm if our understanding is correct. Otherwise, kindly explain Employers payment scheme for VAT including the above-mentioned shift from final to creditable system beginning Jan 1 2021	Bidd acce as ti puru fund defi subj in th
S-05	1	Section 4 Bidding Forms	BF 44			According to this section, the Bidder has to submit BIM Implementation Plan. Please provide detail requirements of LOD 500.	Plea

## ANNEX "A"

**Final Response** lidder is referred to revised requirements in ddendum 3 lease refer to GS Appendix 15 of Addendum 2 *Sidder's understanding is correct. This procedure is in* ccordance with Section 114 (C) of the Tax Code, as mended by Republic Act No. 10963, otherwise known s the TRAIN Law, which provides "that payments for urchases of goods and services arising from projects *unded by Official Development Assistance (ODA) as* efined under Republic Act No. 8182, otherwise known s the 'ODA Act of 1996,' as amended, shall not be ubject to the final withholding tax system as imposed this Subsection".

lease refer to GS Appendix 15 of Addendum 2

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05	-	General			108 of this Code, deduct and withhold a final value-added tax at the rate of five percent (5%) of the gross payment thereof: provided, that beginning January 1, 2021, the VAT withholding system under this subsection shall shift from final to a creditable system: Provided, That the payment for lease or use		Bid acco ama as t pur fun defi as t sub in t
S-06	1	Section 4 Bidding Forms	BF 44			According to this section, the Bidder has to submit BIM Implementation Plan. Please provide detail requirements of LOD 500.	Plea
S-06	-	General			108 of this Code, deduct and withhold a final value-added tax at the rate of five percent (5%) of the gross payment thereof: provided, that beginning January 1, 2021, the VAT withholding system under this subsection shall shift from final to a creditable system: Provided, That the payment for lease or use of properties or property rights to nonresident owners shall be which the twolve propert (12%) withholding tay of the time of	Otherwise, kindly explain Employers payment scheme for VAT including the above-mentioned shift from final to creditable system beginning Jan 1 2021	Bid acco ame as t fun defi as t sub in t
S-04	3	Part III / Section 8 - Particular Conditions of Contract	PCC4	14.3(c)	Percentage of Retention - Five percent (5%)	The Employer is requested clarify whether the retention will be held in cash or against a bank guarantee letter.	Bid Plea
S-04	3	Volume 3 General Conditions of the Contract	Part A – Contract Data PCC 4 / page 16 of 32	14-Feb	One instalment of Ten Percent (10%) of the Accepted Contract Amount payable in the currencies and proportions in which the	Due to the requirement of high prime investment for these projects we kindly request you to increase the total advance payment ratio from 10% to 15%.	Adv revi

#### **Final Response**

idder's understanding is correct. This procedure is in ccordance with Section 114 (C) of the Tax Code, as mended by Republic Act No. 10963, otherwise known s the TRAIN Law, which provides "that payments for urchases of goods and services arising from projects unded by Official Development Assistance (ODA) as efined under Republic Act No. 8182, otherwise known s the 'ODA Act of 1996,' as amended, shall not be ubject to the final withholding tax system as imposed a this Subsection".

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idder is advised that retention money is held in cash. lease refer to GCC 14.3.

dvanced payment is increased to 15%. Please refer to evised PCC 14.2 in Addendum 2.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05						Please confirm the limitation of working hour since the project location is in the city?	Ple
S-06						Please confirm the limitation of working hour since the project location is in the city?	Ple
S-06	1	Section 3	EQC 24	2.4.2. Construction Experience in Key Activities		If the bidder uses a subcontractor specialist as key activities, is it permissible to attach the work experience of the subcontractor specialist for "segmental span by span techniques" work only, and "bored or precast piling and reinforced concrete pile cap and pier" by the bidder. Is it acceptable? Or, Does using the experience of specialist subcontractors have to contract as a whole from "segmental span by span techniques and with bored or precast piling and reinforced concrete pile caps and pier"?	Ple
S-07		General	-	-		materials.	The tax iten issu Cu

**Final Response** Please refer to PCC 6.5 Please refer to PCC 6.5 Please refer to revised EQC issued under Addendum 2 The Contractor does not pay for import

axes. Contractor needs to submit in advance a list of tems to be imported monthly to DOTr, then DOTr will ssue a Certificate of Undertaking to the Bureau of Customs.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07	1A	Volume 1A Sec.4A BoQ	-	PART E. MISCELLANEOUS WORKS (WHEEL RE- PROFILING SHOP) D554(74) Furniture for Meeting Room (CATENARY MAINTENANCE VEHICLE SHOP) D554(75) Furniture for Vehicle Shop D554(76) Furniture for Work Space (TRACK MAINTENANCE OFFICE) D554(77) Furniture for Work Space (SECURITY HOUSE 1) Furniture for		The items and units for the furniture are defined as Lump sum	Bid.
S-05	2	Volume 2, Section 6, IC Technical Specification	TS 200-48	Monitoring, Lounge (CANITEEN) 204 BOARD PILE	204.5 Measurement and Payment.	At the time of this bid preparation, the Bidder believes that the actual pile lengths are subject to the results of pile load tests to be performed at the site. While the payment is expected to be based on the revised pile lengths within the revised detailed design and associated drawings appeared in the IFC drawings, the Bidder was not clear on the compensation on the time if the pile length increased. The Bidder would like the Client kindly to provide the basis of extension of time due to the increase in pile lengths (e.g., 10% increase in overall pile lengths result in one (1) month extension of time).	<b>Bid</b> asse
S-06	2	Volume 2, Section 6, IC Technical Specification	TS 200-48	204 BOARD PILE	204.5 Measurement and Payment.	At the time of this bid preparation, the Bidder believes that the actual pile lengths are subject to the results of pile load tests to be performed at the site. While the payment is expected to be based on the revised pile lengths within the revised detailed design and associated drawings appeared in the IFC drawings, the Bidder was not clear on the compensation on the time if the pile length increased. The Bidder would like the Client kindly to provide the basis of extension of time due to the increase in pile lengths (e.g., 10% increase in overall pile lengths result in one (1) month extension of time).	Bid asse

**Final Response** Bidder is advised to refer to Appendix 5 in Addendum Bidder is advised that Extensions of Time shall assessed in accordance with GCC 8.4 Bidder is advised that Extensions of Time shall assessed in accordance with GCC 8.4

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05	2	Volume 2 - Part II Requirements - Section 6 - I Specifications - A General Specifications	-	GS 5 Specifications	Item 103.3 Measurement and Payment "Fixed charges and time- related charges shall be provided separately within Bill No. 1 General Requirements. Lump Sum Fixed charges will be once only payments for mobilization and demobilization. Lump Sum Time related charges will be spread over the Contract Period. The Contractor shall provide a detailed build up for each Lump Sum.	<ol> <li>Please clarify the specifics of contractor output to achieve the "once only payment" of Lump Sum Fixed Charges for mobilization and demobilization.</li> <li>Kindly clarify and provide details on the documents required (proportional to certification, equal installment, etc.) to consider for the payment of the "spread over the Contract Period" of the Lump Sum Time related charges.</li> </ol>	The pro (GS 103 pay mol cha deli sur <sub>J</sub> leav GS
S-05	-	GS 103.1, GS113.1 and Bidding Forms - Programming Proposals - Construction Schedule,	-	Clause 2. Access and Possession of Site.	Contractor shall be consulted regarding the time and cost implications of managing the diversion / relocation of these utilities by location prior to commencing the Works for that location.";	Finally, if the intent of the Employer is as per the Bidder's interpretation of GS103 and GS113,and the intent of the Provisional Sum is to undertake relocation of "unknown" utilities, the contractor notes that, given the unknown nature of the scope, it is unable to include in the programme a date upon which the engineer must instruct the Provisional Sum or to assess whether the amount of Provisional Sum allocated for this purpose is sufficient. Question 2) – please confirm that in circumstances where the Contractor encounters unknown/unexpected utilities, the Contractor will be entitled to claim as per Unforeseeable Physical Conditions under Clause 4.12 of the Conditions of Contract.	util wit
S-05	-	GS 103.1, GS113.1 and Bidding Forms - Programming Proposals - Construction Schedule,	_	Clause 2. Access and Possession of Site.	Additionally, GS113.1.1 states: "If any such utilities are discovered during the course of the Works, the Contractor shall immediately secure the area affected to ensure that no member of the workforce or the public may enter and shall bring the matter to the attention of the Engineer who shall thereupon issue further instructions."	Question 3) - should the Provisional Sum be insufficient for the purposes of relocating all unknown/unexpected utilities, please confirm that, where the Engineer requires the Contractor to undertake treatment/relocation/diversion of utilities with value in excess of the Provisional Sum, then any additional expenditure will be treated as a variation under Clause 13 of the Conditions of Contract.	3. 1

#### **Final Response**

The contractor must satisfactorily comply with the provisions as set forth in the General Specifications (GS), Section GS 103, Sub-Section 103.2 and Clause 103.2.1 - Mobilization Requirements for the once only payment of the Lump Sum fixed charges for mobilization. For the Demobilization, Lump Sum fixed charges will be once only payment for acceptance of deliverables, removal of site establishment, equipment, surplus materials and waste, payment of all bills and leaving the site in the condition specified under Section GS 129.

P. The Contractor shall be re-imbursed from PS-3 for any works it executes to re-route/divert unexpected utilities. All/any time and cost impacts will be dealt with in accordance with appropriate FIDIC clauses.

The bidders understanding is correct.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-06	-	Volume 2 - Part II Requirements - Section 6 - I Specifications - A General Specifications	-	GS 5 Specifications	Item 103.3 Measurement and Payment "Fixed charges and time- related charges shall be provided separately within Bill No. 1 General Requirements. Lump Sum Fixed charges will be once only payments for mobilization and demobilization. Lump Sum Time related charges will be spread over the Contract Period. The Contractor shall provide a detailed build up for each Lump Sum.	<ol> <li>Please clarify the specifics of contractor output to achieve the "once only payment" of Lump Sum Fixed Charges for mobilization and demobilization.</li> <li>Kindly clarify and provide details on the documents required (proportional to certification, equal installment, etc.) to consider for the payment of the "spread over the Contract Period" of the Lump Sum Time related charges.</li> </ol>	pay mol cha
S-06	-	GS 103.1, GS113.1 and Bidding Forms - Programming Proposals - Construction Schedule,	-	Clause 2. Access and Possession of Site.	GS 103.1 states: "In the event that the Employer has not arranged for the diversion / rerouting of utilities prior to Award of Contract, the Contractor shall be consulted regarding the time and cost implications of managing the diversion / relocation of these utilities by location prior to commencing the Works for that location."; Additionally, GS113.1.1 states: "If any such utilities are discovered during the course of the Works, the Contractor shall immediately secure the area affected to ensure that no member of the workforce or the public may enter and shall bring the matter to the attention of the Engineer who shall thereupon issue further instructions." On the other hand, Bidding Forms - Programing Proposals - Construction Schedule, Clause 2 states: "It is unlikely that the whole of the rerouting will be completed, so the Bidder should allow in the Initial Program for all of the rerouting required and the work will be covered by a Provisional Sum to be expended as the Employer directs."	Question 2) – please confirm that in circumstances where the Contractor encounters unknown/unexpected utilities, the	utili with

#### **Final Response**

1) The contractor must satisfactorily comply with the rovisions as set forth in the General Specifications GS), Section GS 103, Sub-Section 103.2 and Clause 03.2.1 - Mobilization Requirements for the once only ayment of the Lump Sum fixed charges for tobilization. For the Demobilization, Lump Sum fixed harges will be once only payment for acceptance of eliverables, removal of site establishment, equipment, urplus materials and waste, payment of all bills and eaving the site in the condition specified under Section GS 129. (2) The BOQ shall be revised with the Time Celated Charges ' unit & quantity in No. of Months. Updated BOQ shall be issued as Addendum 2.

. The Contractor shall be re-imbursed from PS-3 for ny works it executes to re-route/divert unexpected tilities. All/any time and cost impacts will be dealt with in accordance with appropriate FIDIC clauses.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-06	-	GS 103.1, GS113.1 and Bidding Forms - Programming Proposals - Construction Schedule,	-	Clause 2. Access and Possession of Site.	GS 103.1 states: "In the event that the Employer has not arranged for the diversion / rerouting of utilities prior to Award of Contract, the Contractor shall be consulted regarding the time and cost implications of managing the diversion / relocation of these utilities by location prior to commencing the Works for that location."; Additionally, GS113.1.1 states: "If any such utilities are discovered during the course of the Works, the Contractor shall immediately secure the area affected to ensure that no member of the workforce or the public may enter and shall bring the matter to the attention of the Engineer who shall thereupon issue further instructions." On the other hand, Bidding Forms - Programing Proposals - Construction Schedule, Clause 2 states: "It is unlikely that the whole of the rerouting will be completed, so the Bidder should allow in the Initial Program for all of the rerouting required and the work will be covered by a Provisional Sum to be expended as the Employer directs."	Question 3) - should the Provisional Sum be insufficient for the purposes of relocating all unknown/unexpected utilities, please confirm that, where the Engineer requires the Contractor to undertake treatment/relocation/diversion of utilities with value in excess of the Provisional Sum, then any additional expenditure will be treated as a variation under Clause 13 of the Conditions of Contract.	<b>3.</b> 1
S-04	1A	Vol.1A Section 4A BoQ & Vol.2 Sec.6 IB GS 113.2	GS 113 & GS35	-	-	of 'Utilities Treatment & Utilites Relocation and Protection' is mentioned Lump Sump. But, it is corresponding with the BOQ Item GS 113 indicated as the Provisional Sum. Kindly confirm the measurement and payment of 'Utilities Treatment & Utilites Relocation and Protection' is Provisional Sum	It i Uti Ple 04 Fo Lin Ge Sec for Cla

#### **Final Response**

The bidders understanding is correct.

It is confirmed that the payment for the Unexpected Utility Relocation is included in the Provisional Sum. Please refer to Addendum 1, S-04, Volume 1; 1.3 CP S-04 Vol.1A Sec.4A BOQ 20210119, Bill No. 8, PS-3. For the provisions concerning Utilities Within the Lines of the Permanent Works - Please refer to the General Specifications (GS), Section GS 113, Sub-Section 113.1; Clause 113.1.1 (All Paragraphs). And for the Other Utilities/Services - Please refer to the Clause 113.1.2 (All Paragraphs).

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-04	1A	Vol.1A Section 4A BoQ	GS 119	-	Included in other BOQ items	In the referred section, BOQ Item GS119 'Document and Drawing Submittals and Reviews' shall be included in other BOQ Items. However, GS119(1)~GS119(4) which are subitems of GS119 have unit and seems to be filled with proposed price. Please clarify whether the Bidder should fill the price in items GS119(1)~GS119(4) or not.	The GSI for Qua BO
S-04	1A	Vol.1A Section 4A BoQ	GS 131	-	Works in the Vicinity of Existing Operating Philippine National Railway	In the referred section, BOQ Item GS131 'Works in the Vicinity of Existing Operating Philippine National Railway' has unit (km) and quantity (13) although it has sub items GS131(1) and GS131(2). Please clarify whether the Bidders are required to fill the price in GS131 also or not.	The Nos
S-04	3	Vol.3 Sec.8 PCC 18.2(d) & Vol.2 Sec.6 IB GS 130.2.2 c)	PCC5 & GS95	-		<ul> <li>According to the Addendum 1, it is revised the Maximum amount of deductibles for insurance of the Employer's risks from 500,000 USD to 150,000 USD ~250,000 USD.</li> <li>And GS 130.2.2 c) stipulates that "If commercially available, required from the Commencement Date until date of Taking Over Certificate".</li> <li>However, it is advised that the current insurance market is not commercially available to provide the revised condition.</li> <li>In this regard, it is requested to mitigate the insurance condition to available insurance market standard as below.</li> <li>GCC 17.3(c) – commotion and riots 150,000 USD per occurrence. → 5% of Loss or 150,000 USD whichever greater per occurrence.</li> <li>GCC 17.3(g) – Employer's Design risks 250,000 USD per occurrence. → 10% of Loss or 350,000 USD whichever greater per occurrence.</li> <li>GCC 17.3(h) – Natural Catastrophes 250,000 USD per occurrence. → 10% of Loss or 350,000 USD whichever greater per occurrence.</li> </ul>	The curr requ

#### **Final Response**

The Bidder should fill-in the bid prices for Item Nos. GS119(2) through GS119(4). The BOQ shall be revised for the applicable pay items and appropriate Units and Quantities for the Time-Related Charges. Updated BOQ shall be issued as Addendum 2.

the Bidder should fill-in the bid prices for Sub-Item Jos. GS131(1) and GS131(2) only.

The deductables for insurance of the Employer Risks is urrently under review by the Employer. Revised equirements are expected to be issued in Addendum 3

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05	1A	Vol.1A Section 4A BoQ & Vol.2 Sec.6 IB GS 113.2	GS 113 & GS35	-		In accordance with the GS 113.2, the measurement and payment of 'Utilities Treatment & Utilites Relocation and Protection' is mentioned Lump Sump. But, it is corresponding with the BOQ Item GS 113 indicated as the Provisional Sum. Kindly confirm the measurement and payment of 'Utilities Treatment & Utilites Relocation and Protection' is Provisional Sum.	It is Util Plec 04 For Lin Ger Sec for Cla
S-05	1A	Vol.1A Section 4A BoQ	GS 119	-	Included in other BOQ items	In the referred section, BOQ Item GS119 'Document and Drawing Submittals and Reviews' shall be included in other BOQ Items. However, GS119(1)~GS119(4) which are subitems of GS119 have unit and seems to be filled with proposed price. Please clarify whether the Bidder should fill the price in items GS119(1)~GS119(4) or not.	The GS for Qua BO
S-05	1A	Vol.1A Section 4A BoQ	GS 131	-	Works in the Vicinity of Existing Operating Philippine National Railway	In the referred section, BOQ Item GS131 'Works in the Vicinity of Existing Operating Philippine National Railway' has unit (km) and quantity (13) although it has sub items GS131(1) and GS131(2). Please clarify whether the Bidders are required to fill the price in GS131 also or not.	The Nos

#### **Final Response**

t is confirmed that the payment for the Unexpected Vilitity Relocation is included in the Provisional Sum. Please refer to Addendum 1, S-04, Volume 1; 1.3 CP S-4 Vol.1A Sec.4A BOQ 20210119, Bill No. 8, PS-3. For the provisions concerning Utilities Within the ines of the Permanent Works - Please refer to the General Specifications (GS), Section GS 113, Subfection 113.1; Clause 113.1.1 (All Paragraphs). And for the Other Utilities/Services - Please refer to the Clause 113.1.2 (All Paragraphs).

The Bidder should fill-in the bid prices for Item Nos. ES119(2) through GS119(4). The BOQ shall be revised for the applicable pay items and appropriate Units and Quantities for the Time-Related Charges. Updated EOQ shall be issued as Addendum 2.

The Bidder should fill-in the bid prices for Sub-Item Nos. GS131(1) and GS131(2) only.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05	3	Vol.3 Sec.8 PCC 18.2(d) & Vol.2 Sec.6 IB GS 130.2.2 c)	PCC5 & GS95	-	Maximum amount of deductibles for insurance of the Employer's risks	to available insurance market standard as below.	Th cur req
S-06	1A	Vol.1A Section 4A BoQ & Vol.2 Sec.6 IB GS 113.2	GS 113 & GS35	-	-	of 'Utilities Treatment & Utilites Relocation and Protection' is mentioned Lump Sump. But, it is corresponding with the BOQ Item GS 113 indicated as the Provisional Sum. Kindly confirm the measurement and payment of 'Utilities Treatment & Utilites Relocation and Protection' is Provisional	It I Ut Pla 04 Fo Lin Ge Se fon Cla



The deductables for insurance of the Employer Risks is currently under review by the Employer. Revised requirements are expected to be issued in Addendum 3

It is confirmed that the payment for the Unexpected Utility Relocation is included in the Provisional Sum. Please refer to Addendum 1, S-04, Volume 1; 1.3 CP S-04 Vol.1A Sec.4A BOQ 20210119, Bill No. 8, PS-3. For the provisions concerning Utilities Within the Lines of the Permanent Works - Please refer to the General Specifications (GS), Section GS 113, Sub-Section 113.1; Clause 113.1.1 (All Paragraphs). And for the Other Utilities/Services - Please refer to the Clause 113.1.2 (All Paragraphs).

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-06	1A	Vol.1A Section 4A BoQ	GS 119	-	Included in other BOQ items	In the referred section, BOQ Item GS119 'Document and Drawing Submittals and Reviews' shall be included in other BOQ Items. However, GS119(1)~GS119(4) which are subitems of GS119 have unit and seems to be filled with proposed price. Please clarify whether the Bidder should fill the price in items GS119(1)~GS119(4) or not.	The GSI for Qua BO
S-06	1A	Vol.1A Section 4A BoQ	GS 131	-	Works in the Vicinity of Existing Operating Philippine National Railway	In the referred section, BOQ Item GS131 'Works in the Vicinity of Existing Operating Philippine National Railway' has unit (km) and quantity (13) although it has sub items GS131(1) and GS131(2). Please clarify whether the Bidders are required to fill the price in GS131 also or not.	The Nos
S-07	1A	CP S-07 Vol.1A Sec.4A BOQ	BOQ No.2	Earthworks / Site Development	Part D Structural Works Part F Miscellaneous Structures	According to BOQ No.2 Earthworks/Site Development Part D & F, there are several electrical/signaling structural items at BOQ No.2 Part D & F as below. - Structural Cast in Situ Concrete, 28 MPa for Electrical Manhole - Blind Layer Concrete/Lean Concrete(t=100mm), 15 MPa for Electrical Manhole, including Crushed Stone layer(200mm) - Conduit (80 & 200 mmø) for underground electrical - Electrical/Signaling Handhole - Asphalt Membrane Waterproofing including Water Stop Sealer for Electrical Manhole However, there is no drawings for above items. Please provide drawings for above items to clarify quantities in BOQ No.2.	Plea 07_ thra Plea Val
S-04	2	Volume 2	-	-	NSCR-DWG-ALA-ME-5620	The following Items which are in the Layout Plans & Equipment Schedule but not reflected in the BOQ? Please see the List of Items Below 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	Hor don wer
S-04	3	Volume 3 and Ref. GCC 14.1	-	The Contract Price	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.	Please provide us complete copy of Clause 14.1 from GCC for our reference.	Bid 14.1 Par Cla

#### **Final Response**

The Bidder should fill-in the bid prices for Item Nos. ES119(2) through GS119(4). The BOQ shall be revised for the applicable pay items and appropriate Units and Quantities for the Time-Related Charges. Updated EOQ shall be issued as Addendum 2.

The Bidder should fill-in the bid prices for Sub-Item Nos. GS131(1) and GS131(2) only.

Please refer to Volume 2, 02\_Book 1(Civil), 02\_CP S-7\_Roads; Drawing Nos. NSRP-DWG-DEP-RD-1650 brough 1659 Rev.21. Please also refer to 04\_CP S-07\_DPSFE of the Volume 2, 02\_Book 1(Civil).

*The reference drawing indicated does not match with he clarification request.* 

Iowever, 75 mm, 50mm & 20mm diameter pipes for omestic water supply and 75mm & 20mm gate valves were already included on the latest BOQ in Addendum

*Technical Specification (TS) for domestic water supply ine shall be PPR PN-20. Please refer to SCRP-TS 600 ub-Clause 607.2.3.* 

An Contract Contract Contract Contract Contract Contract Contract Contract Conditions PCC, Part A-Contract Data, Clause 14.1 and Part B - Specific Provisions

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S-04	3	Volume 3 and Ref. GCC 14.1	-	The Contract Price	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.	Please provide us complete copy of Clause 14.1 from GCC for our reference.	Bida 14.1 Part Clau
S-04	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 d duri valu
S-05	3	Volume 3 and Ref. GCC 14.1	-	The Contract Price	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.	Please provide us complete copy of Clause 14.1 from GCC for our reference.	Bidd 14.1 Part Clau
S-04	1A	-	5/130	8	<ul> <li>8. The prices set out in the Bills of Quantities as Lump Sum are fixed prices except where otherwise provided for the Contract. Notwithstanding Clause 14.1 (d) of the General Conditions of Contract, in accordance with the Employer's Requirements the Bidder is to provide a detailed breakdown of each Lump-Sum entered into the BOQ, identifying the following elements of the total:</li> <li>(a) Preliminaries (where not already priced in Bill no.1)</li> <li>(b) Temporary Works</li> <li>(c) Construction Equipment (where not already priced in Bill no.1)</li> <li>(d) Labor and supervision</li> <li>(e) Materials</li> <li>(f) Others</li> </ul>	Since BoQ file is locked for editing please clarify how the Bidder will provide the detailed breakdown for the Lum-Sum items identified in their price bid.	The prep Ann with
S-04	2	Volume 2 & Section 6, Annex A - TS 200	Part II – Requirements Section 6 - Employer's Requirements IA - Scope of Works	2.4.4 Standardisation of Electrical and Mechanical Equipment	It is a requirement of the Employer that to the greatest extent possible certain of the Electrical and Mechanical elements of	We understand that standardization of equipment should only be provided in packages covered by the contractor's contract. For example, if there is only a S05 package within the scope of the contractor, the contractor will only provide standardization of the equipment to be procured and assembled within S05's scope. Please confirm that it is not required to provide the equipment from the same vendors/suppliers in other packages under the scope of other contractors. Otherwise, we kindly ask the Client to publish a brand list for each relevant system at this stage in order to provide an overall standardization in the entire line.	and relat shall in th Sani
S-04	1	Volume 1 Part IA – Bidding Procedures Section 4 – Bill of Quantities (Addendum GBB 11)	5/15	Preamble Clause 9	The rates and prices quoted in the priced Bills of Quantities shall, except insofar as it is otherwise provided under the Contract, include all construction plant, labor, supervision, materials, erection, maintenance, insurance, overheads, profit, taxes including tax deducted at sources, levies, and duties and other charges, together with all general risks, liabilities, and obligations set out or implied in the Contract.	It is requested to include maintenance cost in unit prices, please confirm this maintenance requirement is only required for the construction period untill the handover of the works.	Mail fortl Gen Part prov

#### **Final Response**

idder is advised to refer to FIDIC Pink Book Clause 4.1 that shall be read in conjunction with Volume 3, articular Conditions PCC, Part A-Contract Data, lause 14.1 and Part B - Specific Provisions

o alternative technical solution shall be permitted wing Bid. The Contractor may refer to GCC 13.2 for lue engineering during contract implementation.

idder is advised to refer to FIDIC Pink Book Clause 4.1 that shall be read in conjunction with Volume 3, articular Conditions PCC, Part A-Contract Data, lause 14.1 and Part B - Specific Provisions

he Detailed Breakdown of Lump Sum Prices shall be epared separately by the Bidder / Contractor (As an nnex to each particular Item of Work in the BOQ ith Lump Sum Prices).

ectrical Equipment shall be in accordance with the ertinent and applicable provisions as set forth in the echnical Specifications, TS 700 - Electrical Works and in conjunction with the Drawings, BOQ and lated Contract Documents. Mechanical Equipment all be in accordance with the provisions as set forth the Technical Specifications, TS 600 - Mechanical, unitary and Plumbing Works and in conjunction with e Drawings, BOQ and related Contract Documents

aintenance (during construction) is included as set rth in the Preamble, Item (9). Please also refer to the eneral Conditions of Contract (GCC) and the articular Conditions of Contract (PCC) for related ovisions.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-04	2	Volume 2 & Section 6 IB General Specification	GS 94	130.1.1	Therefore, in order to avoid potential commencement and/or payment delays, drafts of these two instruments shall be submitted to the Engineer within a maximum of seven (7) days following the Contractors receipt of the Letter of Award.	Please revise the specified time to 14 days to be sufficient.	No
S-04	2	Volume 2 & Section 6 IB General Specification	GS 94	130.2.1	The draft policies shall be submitted to the Engineer within seven (7) days of the Contractors receipt of the Letter of Award, and cover shall be arranged to commence under each policy within a further seven (7) days always provided that no adverse comment has been received.	Please revise the specified time to 14 days to be sufficient.	No
S-04	3	Volume 3, Section 7	GCC 1	Section 7 The General Conditions of Contract (GCC)	The General Conditions shall be the Conditions of Contract for Construction for Building and Engineering Works Designed by the Employer, Multilateral Development Bank Harmonized Edition, prepared by the Fédération Internationale des Ingénieurs-Conseil, or FIDIC (FIDIC MDB Harmonized Construction Contract) available at FIDIC MDB June 2010. The Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract and cannot be used for other types of contract.	It is the bidder's understanding that although it is mentioned as an ad measurement type of contract, the payment of the work shall be in accordance with the general conditions of contract shall be FIDIC MDB Harmonized Construction Contract. As per FIDIC MDB, sub-clause 12.2 (Method of Measurement), and sub-clause 14.1.e, it is understood that this is a re-measurable type of contract. Please kindly confirm that, in terms of payment to the contractor, the contract shall be re-measurable type and any quantities which may be set out in the Bill of Quantities or other Schedule are estimated quantities and are not to be taken as the actual and correct quantities. Measurement shall be made of the net actual quantity of each item of the Permanent Works. Accordingly, the payment to the contractor will be in accordance with the actual and correct quantities measured on-site. The Bidder notes the Employer's responses to the queries raised in the "General Bid Bulletin No.7 26 January 2021 IFB NO. 20-031-6, Pages 13". It is understood that the Employer seeks to confirm a "remeasurement" if and only if a change, i.e. as per the Engineer's instructions, in the Employer's design occurs. As such, it will, as the Employer confirms, cause re-measurement. Please confirm. However, the reasonable interpretation of the Employer's responses to the queries raised by the Bidders is that the Employer's design is now in its final form and the Employer, served by its responses to the queries, confirms that no change in the execution of the Works due to the quantities will cecur unless the Employer in its own discretion changes, i.e. redesigns, Engineer's instructions, etc., any part of the Works. Please confirm. Should this be the case, the Bidder reasonably conceives that any changes in the Employer's declared quantities will result in the Engineer's written instructions pursuant to the Clause 13 of Conditions of Contract or the Employer's directions to the Engineer for "remeasurement", i.e. the employment of the "ad measurement" princip	QI. mea the revi inst Q2. Q3. avoi in q agra corr risk Bidd ad-n Ada

# **Final Response** change will be made to the bidding documents change will be made to the bidding documents The quantities in the BOQ are accurate and easured from Detailed Design. Admeasurement is e measurement of change from Detailed Design to vised Detailed Design and /or Variations as structed by the Engineer. 2. Refer Q1 answer above. 3. Bidders understanding is correct. Further, and to oid any misconceptions, any obvious errors detected quantification in the BOQ shall, subject to the reement of the Engineer, be re-measured and rrected. The Contractor is not expected to take the sk of errors in quantities. *idder is advised that PCC Clause 1.1.6.12 related to I-measurement definition will be removed in* ddendum 3.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-04	1A	Volume 1A & Part I, Section 4A Bill of Quantities	4 of 15 of GBB 11	Preamble, 3	The Bills of Quantities have been prepared by the Employer to provide a common and uniform basis for bidding. The quantities given therein are accurate and represent the work shown on the drawings, described in the Scope of Works and the Specification at the time of Bid Submission. The final quantities of the work to be carried out by the contractor in the fulfilment of his obligations under the Contract will be determined in accordance with Clauses 12 and 13 of the GCC.	The Bidder refers to the Employer's General Bid Bulletin No. 9 dated 19 February 2021 under the IFB No. 20-034-7 and specifically, the answer to the question no. 206. The Bidder also refers to the similar queries made (or to be made by other bidders) to stress what must be understood with the addition of the terminology "ad measurement". The Bidder conceives that the Engineer (for and on behalf of the Employer and for the purposes of Interim Payment Certificates) shall not make any re-measurement for the quantities (completed parts of the Works) pertinent to the understanding of the "ad measurement" unless a design change is imposed, i.e. instructed by the Engineer, etc., on the quantities for reasons not attributable to the Contractor. This reasonably leads to the conclusion that the Contractor shall bear the risks of the quantities for the completed Works, i.e. the Employer has already declared that the quantities as to be valued by the bidders in the Bill of Quantities are exact values. As such, the Engineer shall not question any amount and certify the same as depicted in the Bill of Quantities, i.e. as presented in the Bidder's offer, unless any design change or otherwise, on the same is instructed by the Engineer. As per our understanding Contractor will prepare a Milestone Payment Table as sample given in General Specifications Appendix 8 upon awarding the contract based on Bill of Quantities which has submitted during Tender Process. The Bidder wishes to go on stating that the Engineer shall not make any adjustments on the quantities for payment purposes, i.e. shall not re-measure the same to read lower values, and the Contractor shall be paid as per the Milestone Payment Table. In other words, as the Contractor shall be paid as per the Milestone Payment Table. In other words, as the Contractor shall be paid as per the Milestone Payment Table. In other words, as the Contractor shall be paid as per the Milestone Payment Table. In other words, as the Contractor is expected to bear the consequences of addi	En Co qua Bia ad- Ad Pay Wi
S-04	2	Volume 2 Section 6 Appendix 8	2 of 4	Appendix 8 – Payment Schedule (sample)	 This payment Schedule is not for the agreement of Ad measurement for Final Account purposes. The Ad measurement process will occur in parallel with the Interim payments but not be accounted for initially. This Payment Schedule will be used for Interim payments alongside the progress schedules on WBS basis. 	With reference to our above query (Question No.2), the Employer will use Milestone Payment Table Schedule for only Interim Payment Certificates during execution of the Works. And for the Final Payment, all the quantity of Works executed on site will be measured for closing balance as per our understanding, please clarify the process and method of measurement as to how the Employer wishes to implement.	1414

#### **Final Response**

The quantities in the BOQ are accurate and measured rom Detailed Design. Admeasurement is the neasurement of change from Detailed Design to evised Detailed Design and /or Variations as instructed by the Engineer.

Surther, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in uantities.

*Aidder is advised that PCC Clause 1.1.6.12 related to d-measurement definition will be removed in addendum 3.* 

ayment Milestone Schedule

With reference to GS, Appendix 8, the Bidder is dvised that the Engineer shall make a decision on whether a Payment Milestone Schedule will be eveloped post award. The Payment Milesone chedule, if adopted, will be jointly developed and greed by the Engineer/Contractor. Bidder is also eferred to revised GS Appendix 8 issued in Addendum

*ayment Milestone Schedule* 

With reference to GS, Appendix 8, the Bidder is dvised that the Engineer shall make a decision on whether a Payment Milestone Schedule will be eveloped post award. The Payment Milesone chedule, if adopted, will be jointly developed and greed by the Engineer/Contractor. Bidder is also eferred to revised GS Appendix 8 issued in Addendum

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-04	1A	Volume 1A & Part I, Section 4A Bill of Quantities	4 of 15	Preamble, 3	The Bills of Quantities have been prepared by the Employer to provide a common and uniform basis for bidding. The quantities given therein are accurate and represent the work shown on the drawings, described in the Scope of Works and the Specification at the time of Bid Submission. The final quantities of the work to be carried out by the contractor in the fulfilment of his obligations under the Contract will be determined in accordance with Clauses 12 and 13 of the GCC.	Given the probable confusion surrounding the payment regime, the Bidder requests the Engineer to control/check and measure the executed quantities on site for interim payment purposes, and interim payments shall be based on the executed and then measured quantities on site as per the BoQ rates which will be submitted by the bidder along with the tender. In this way, the consequences of additional and/or less amounts over and above & below the quantities as tendered by the Employer, shall not be loaded to the contractor's shoulders as it must be according to the "FIDIC - Multilateral Development Bank Harmonized 2010" book, which is FOR BUILDING AND ENGINEERING WORKS DESIGNED BY THE EMPLOYER. Please consider the above payment method (re-measurable method) in order to free all the bidders from the quantity risk for this project which is beyond their control to fix. And prepare their best and competitive proposals accordingly.	The con The froi mea revi inst Eus Con qua Bid ad- Ada
S-05	-	COC 14.9 Contract for Construction for Building and Engineering Works Designed by the Employer, Multilateral Development Bank Harmonized Edition	-	Clause 14.9 Payment of Retention Money	Unless otherwise stated in the Particular Conditions, when the Taking-Over Certificate has been issued for the Works and the first half of the Retention Money has been certified for payment by the Engineer, The Contractor shall be entitled to subsitute a guarantee, in the form annexed to the Particular Conditions	We refer to clause 14.9, to request the right to substitute the retention money with a guarantee from the moment deductions commence, what is, with the first invoice of the Constractor, instead of when the Taking-Over Certificate has been issued.	Bid adv bid
S-05	3	V.3 Section 8 Part B	-	Clause 8.1 Commencement of Work	Delete sub-paragraph 8.1 (d)	We request to reinstate this deletion.	The as p pay rem be 1
S-06	-	COC 14.9 Contract for Construction for Building and Engineering Works Designed by the Employer, Multilateral Development Bank Harmonized Edition	-	Clause 14.9 Payment of Retention Money	Unless otherwise stated in the Particular Conditions, when the Taking-Over Certificate has been issued for the Works and the first half of the Retention Money has been certified for payment by the Engineer, The Contractor shall be entitled to subsitute a guarantee, in the form annexed to the Particular Conditions	We refer to clause 14.9, to request the right to substitute the retention money with a guarantee from the moment deductions commence, what is, with the first invoice of the Constractor, instead of when the Taking-Over Certificate has been issued.	Bid adv bid

#### **Final Response**

*The Bidder is advised that this is an admeasurement ontract.* 

The quantities in the BOQ are accurate and measured rom Detailed Design. Admeasurement is the neasurement of change from Detailed Design to evised Detailed Design and /or Variations as nstructed by the Engineer.

Surther, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in uantities.

Adder is advised that PCC Clause 1.1.6.12 related to d-measurement definition will be removed in addendum 3.

*Bidder's request is noted. However, the Bidder is dvised that the text of Clause 14.9 stands during the idding.* 

The Employer intends to commence the Works as soon s possible. As the duration for securing advance ayment security, will take time the Employer has emoved sublause 8.1 (d). Payment of the Advance will e made in accordance with GCC clause 14.2

*idder's request is noted. However, the Bidder is dvised that the text of Clause 14.9 stands during the idding.* 

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-06	3	V.3 Section 8 Part B	-	Clause 8.1 Commencement of Work	Delete sub-paragraph 8.1 (d)	We request to reinstate this deletion.	The as p payr rem be n
S-07	1	Sec.4A BoQ	N/A	BOQ Bill no.4-1.20		Please provide technical Specification or details for Ostomates Sink - D619(8). Ostomates Sink:Wall Mounted, Auto Flush	<b>Bide</b> 342
S-07	1	Sec.4A BoQ	N/A	BOQ Bill no.4-1.20		Please provide technical Specification or details for Mirror: Stainless Steel Frame - D619(15). Mirror: Stainless Steel Frame	Bida Glas
S-07	1	Sec.4A BoQ	N/A	BOQ Bill no.4-1.20		Please provide technical Specification or details for Kitchen Hoods - D619(32). Kitchen Hoods	<b>Bide</b> 342
S-07	1	Sec.4A BoQ	N/A	BOQ Bill No. 4-2.20 F.3 SANITARY WORKS KITCHEN FIXTURES		Please provide details / specs. of Defreezing basin	<b>Bida</b> 342
S-07	1	Sec.4A BoQ	N/A	BOQ Bill No. 4-2.20 PART E		Please provide details / specs. of Dishwasher	Bide 385
S-07	1	Sec.4A BoQ	N/A	PART E MISCELLANEOUS WORKS	-	Please provide Casework Details for the following building: OCC, LRS, Catenary Maintenance Vehicle Shop, and Canteen	Bida rev2
S-07	2	Volume 2 Book 2 (Architectural Plans)	-	-	-	Please provide blade blow up detail section of windows steel louvers	Bida DW
S-07	2	Volume 2 Book 2 (Architectural Plans)	-	-	-	Please provide blade blow up detail section of aluminum louvers	Bida DW
S-07	2	Volume 2 Book 2 (Architectural Plans)	-	-	-	Please provide Low E Glass IGU Performance parameters requirements.	Bida Glas
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.1 OCC Building	-	Please provide details (location) for Typical Wall Mounted Building Name Logo Sign.	Bida DW
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.1 Unscheduled Repair Shop	-	Please provide details (location) for Typical Wall Mounted Building Name Logo Sign.	Bida DW
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.2 Wheel Re-Profiling Shop	-	Please provide details (location) for Signages(DS1,DS3,Typical Wall Mounted Building Name Logo Sign).	Bidd DW

#### **Final Response**

the Employer intends to commence the Works as soon possible. As the duration for securing advance syment security, will take time the Employer has moved sublause 8.1 (d). Payment of the Advance will made in accordance with GCC clause 14.2

idder is advised to refer to NSRP-DWG-OCC-AR-121 rev21

*idder is advised to refer to TS-500 Clause 530.3.2 lass (for Depot Buildings)* 

*idder is advised to refer to NSRP-DWG-CNT-AR-121 rev21* 

idder is advised to refer to NSRP-DWG-CNT-AR-121 rev21

dder is advised to refer to NSRP-DWG-CNT-AR-851 rev21

*idder is advised to refer to NSRP-DWG-OCC-3581 v21* 

*idder is advised for typical details to refer to NSRP-WG-OCC-AR-3551 rev21* 

*idder is advised for typical details to refer to NSRP-WG-OCC-AR-3551 rev21* 

*idder is advised to refer to TS-500 Clause 530.3.2 lass (for Depot Buildings)* 

dder is advised for typical details to refer to NSRP-WG-LRS-AR-3751 rev21

*idder is advised for typical details to refer to NSRP-WG-LRS-AR-3751 rev21* 

dder is advised for typical details to refer to NSRP-WG-LRS-AR-3751 rev21

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.3 Catenary Maintenance Vehicle Shop	-	Please provide details (location) for Signages(DS1,DS3,Typical Wall Mounted Building Name Logo Sign).	Bida DW
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.4 Fuel Pump House 1	-	Please provide details (location) for Typical Wall Mounted Building Name Logo Sign.	Bidd DW
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.5 Oil Storage for Light Repair Shop	-	Please provide details (location) for Typical Wall Mounted Building Name Logo Sign.	Bidd DW
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.6 Hazardous Store	-	Please provide details (location) for Typical Wall Mounted Building Name Logo Sign.	Bidd DW
S-07	2	Volume 2 Section 6 Employer's Requirements (ERQ) II. Drawings	-	Bill No. 4-2.8 Truck Garage Building	-	Please provide details (location) for Typical Wall Mounted Building Name Logo Sign.	Bidd DW(
S-07	2	Volume 2 Section 6 Employer's Requirements (ERQ) II. Drawings	-	Bill No. 4-2.9 Track Maintenance Office	-	Please provide details (location) for Signages(DS1,DS3,Typical Wall Mounted Building Name Logo Sign).	Bidd DW
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOO)	-	Bill No. 4-2.10 Maintenance Car Shop	-	Please provide details (location) for Typical Wall Mounted Building Name Logo Sign.	Bidd DW
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.13 Pump House For Fire Water Tank 1	-	Please provide details (location) for Typical Wall Mounted Building Name Logo Sign.	Bidd DW
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.15 Pump House For Fire Water Tank 2	-	Please provide details (location) for Typical Wall Mounted Building Name Logo Sign.	Bidd DW
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.16 Security House 1	-	Please provide details (location) for Typical Wall Mounted Building Name Logo Sign.	Bidd DW
S-07	1A	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.20 Canteen	-	Please provide details (location) for Signages(DS1,DS3,Typical Wall Mounted Building Name Logo Sign).	Bidd DW

<b>Final Resp</b>	onse
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*idder is advised for typical details to refer to NSRP-WG-LRS-AR-3751 rev21* 

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
						lunderstanding.	The from
S-04	3	Section 7 GCC		Clause 12.2 Method of Measurement	Admeasurement	based on the drawing was 100 ton. There was no drawing change during the constrution stage. And, the contractor carried out 100 ton of the rebar work as the net actual quantity according to the drawing. In this case, what is the payment quantity among 80 ton and 100 ton?	Fun in th Eng Con
						2) Case 2: A quantity for a certain rebar work in the BOQ was 80 ton. But, the correct quantity for the rebar work calculated based on the drawing was 50 ton. There was no drawing change during the constrution stage. And, the contractor carried out 50 ton of the rebar work as the net actual quantity according to the drawing. In this case, what is the payment quantity among 80 ton and 50 ton?	quan Bid ad-n Add
S-04	2	02_Book 1 (Civil)_CP S- 04_CIS70	NSRP-DWG- CIS70-ST-0112	CIS70 Maintenance & Approach Ramp Bridge Concrete Details		Please clarify when the details of bird wire screen to be provided. And also please clarify if bird wire screen in other locations of structures are required.	As p deta Dra in A
S-04	2	Sec.6 II. Drawings	NSRP-DWG- VIA04-DR- 0089	At-Grade Mainline Drainage Plan and Schedule km. 26+150 to 26+500		Please provide data of Manhole CBS(59)-01. It is missing in a table. Please clarify this manhole already counted in BOQ item.	1. T 2. I in B subi
S-04	2	Sec.6 II. Drawings	NSRP-DWG- VIA04-DR- 0100	At-Grade Mainline Drainage Plan and Schedule km. 30+000 to 30+350			The poin drav Thi
S-04	2	Sec.6 II. Drawings	NSRP-DWG- VIA04-DR- 0091	At-Grade Mainline Drainage Plan and Schedule km. 26+850 to 26+200		Please provide data of Manhole CBS(94B)-01. It is missing in a table. Please clarify this manhole already counted in BOQ item.	1.Th subi cour lates
S-04	2	Sec.6 II. Drawings	NSRP-DWG- VIA04-DR- 0101	At-Grade Mainline Drainage Plan and Schedule km. 30+350 to 30+700		Please clarify that CBS(100)-11 in table is typo error for CBS(99)-01D in plan.	The REV
S-04	2	Sec.6 II. Drawings	NSRP-DWG- VIA04-DR- 0100	At-Grade Mainline Drainage Plan and Schedule km. 30+000 to 30+350		Please provide data of Manhole CBS(99)-02C. It is missing in table. And please point location of Manhole CBS(99C)-01 in plan drawing.	The poin drav Thi

#### **Final Response**

he quantities in the BOQ are accurate and measured om Detailed Design. Admeasurement is the easurement of change from Detailed Design to wised Detailed Design and /or Variations as estructed by the Engineer.

Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Fontractor is not expected to take the risk of errors in uantities.

*Bidder is advised that PCC Clause 1.1.6.12 related to d-measurement definition will be removed in ddendum 3.* 

s per callout in the drawing, "..the bird wire screen etail to be provided "by" contractor"."

**Drawing NSRP-DWG-CIS70-ST-0112** shall be revised Addendum 3

There is no CBS(59)-01 in sheet DR-0089. If it is CBS(89)-01, then yes, this is already counted BOQ and included in PIN 111(9)a. Refer to latest ubmitted BoQ in Addendum 3

The missing data in a table will be added, including oint location of Manhole CBS(99C)-01 in plan rawing. This will be added in Rev21.3 in Addendum 3

This has been provided in REV21.3 of the drawing

ubmitted in Addendum 3 2. Yes, this is already ounted in BOQ and included in PIN 111(9)a. Refer to itest submitted BoQ in Addendum 3

*There is no CBS(100)-11 in DR-0101. Please refer to EV21 of the drawings.* 

The missing data in a table will be added, including oint location of Manhole CBS(99C)-01 in plan rawing. This will be added in Rev21.3 in Addendum 3

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-04	2	Sec.6 II. Drawings	NSRP-DWG- VIA04-DR- 0005	At-Grade Mainline Drainage Schedule of Outfall Connection and Structure Type		Outfall 107A is not included in a table. Please refer VIA04-DR- 0104. If outfall 107A is not included in BOQ item, please provide revised BOQ.	Outj 0104 RE 2. T
S-04	2	Sec.6 II. Drawings	NSRP-DWG- VIA04-DR- 0104	At-Grade Mainline Drainage Plan and Schedule km. 31+400 to 31+750		Data table from CBS(180)-01 to OF(180) are missing in revised drawing of Addendum 1. Please clarify the table and related BOQ item quantity change.	1.Cl This REV incl subi
S-04	2	Sec.6 II. Drawings	NSRP-DWG- VIA04-DR- 0106	At-Grade Mainline Drainage Plan and Schedule km. 32+100 to 32+450		CBS(111)-01 & OF(111) are not in plan drawing. Please clarify the location of CBS(111)-01 and OF(111). Also, please clarify whether it will be effected to BOQ item.	This VIA To
S-04	2	Sec.6 II. Drawings	NSRP-DWG- MUN-DR-2004	MUNTINLUPA STATION SCHDULE		Please clarify where is location of Drainage from MUN(05)-02 to CBS(104)-03 and Manhole MUN(05)-02. It is not marked in drawing, NSRP-DWG-MUN-DR-2003.	Dra Dra Thi will
S-04	1	1.3 CP S-04 Vol.1A Sec.4A BOQ 20210119		Part A. Earthwork	202(1)a	Please confirm that removal quantity of existing pavement in the ALABANG STATION and MUNTINLUPA STATION is included in the "202(1)a Removal of Existing PCC Pavement" of BOQ	Yes,
S-04	1	1.3 CP S-04 Vol.1A Sec.4A BOQ 20210119		Part A. Earthwork & Part B. Maintenance Road	202(1)a &108(1)b	In the Detailed Design of "GENERAL ARRANGEMENT KM 25+418.012 TO 33+956.600" and <maintenance road<br="">NETWORK&gt;, it has some of area where the existing pavement to be removed and replaced for the purpose of construction of pile cap. Please confirm that this quantity is included both in "202(1)a Removal of Existing PCC Pavement" and "108(1)b PCC Pavement (Unreinforced) t=200mm"</maintenance>	Yes 108(
S-04	1,2	1) Section 4A BOQ 2) Vol.2 Sec.6 II. Drawings	1) Bill No.5 Part C 2) NSRP- DWG-VIA04- DR-0086 ~ 0111	<ol> <li>Drainage Works</li> <li>At-Grade</li> <li>Mainline Drainage</li> <li>Plan and Schedule</li> </ol>		Please clarify quantity and type, size of Manhole/ Catch basin as compared with BOQ no.5 Part C and Drawings. For example, Manhole/ Catch Basin, TYPE 1 (for 1.4m X 0.6m~1m RCBC) is only one as BOQ item 111(15)a. However, It is stated to be 6 nos in Drawing DR-0086.	Qua up t 04 a 03c.
S-04	1	1.3 CP S-06 Vol.1A Sec.4A BOQ 20210119		Part A. Earthwork & Part B. Maintenance Road	103(1)a. 103(1)b & 102(2)a	We calculated the quantity of excavation and embankment by considering the elevation described in the Detailed Design of <maintenance network="" road=""> and its length and width of the maintenance road. However, the quantity described in given BOQ seems quite huge. Please clarify what the 103(1)a. 103(1)b and 102(2)a consist of and how it is calculated.</maintenance>	Deta Civi Add PIN BOQ Add

#### **Final Response**

Putfall 107A will be added on sheets DR-0005 and DR-104. REV 21.3 2. To be added in BOQ in Addendum 3.

Clarification. Is this for CBS(108)-01 to OF(108)? This can be found in NSRP-DWG-VIA04-DR-0105 REV 21.3. 2. Yes, this is already counted in BOQ and ncluded in PIN 111(9)a and 111(10)b. Refer to latest ubmitted BoQ in Addendum 3

*This has been deleted. Please refer to NSRP-DWG-TA04-DR-0106 REV 21.3.* 

*To be deleted in BOQ in Addendum 3.* 

Prainage This has already been deleted in the layout. The tables vill be revised in REV 21.3.

*Yes, the quantity for the removal of existing pavement Alabang Station and Muntinlupa Station is included PIN 202(1)a.* 

*Tes confirmed. It is included both in items 202(1)a and 08(1)b.* 

Quantity in BOQ is correct. Drainage line CBS(81)-01 p to OF(83) in drawing DR-0086 is not part of CP S-4 as shown in drainage plan. It is included in CP S-3c.

Detailed earthworks calculation was generated from Sivil3d software. The electronic file will be provided in Iddendum 3

PIN 103(1)a and 102(2)a were already deleted in 80Q. Please refer to latest BOQ submitted in 4dendum 3

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05	1	Section 4A BOQ	Bill No. 4 Stations	Geotechnical Investigation Works		Please confirm how many holes for Geotechnical Investigation	In ad Drav of ho conf
S-05	1	Section 4A BOQ		BOQ No. 2, Item No. 102(1)a	Unsuitable Excavation at dry condition	It is kindly requested to clarify below : 1) Bidder's understanding is that "Unsuitable Excavation at dry condition" means the excavation of unsuitable soil material. Kindly clarify whether it is correct or not. 2) The rate (unit price) of this activity shall include the excavation and the removal of unsuitable soil material. Kindly clarify whether it is correct or not.	PIN alrea BOQ
S-05	1	Section 4A BOQ		BOQ No. 2, Item No. 102(1)a	Unsuitable Excavation at dry condition	<ul> <li>It is kindly requested to clarify below :</li> <li>1) Bidder's understanding is that "Unsuitable Excavation at dry condition" means the excavation of unsuitable soil material. Kindly clarify whether it is correct or not.</li> <li>2) The rate (unit price) of this activity shall include the excavation and the removal of unsuitable soil material. Kindly clarify whether it is correct or not.</li> </ul>	PIN alrea BOQ
S-05		NSRP Detailed Design CP S-04: Viaduct 04 General Arragement KM25+418.012 To 33+956.5	NSRP Detailed Design CP S-04: Viaduct 04 General Arragement KM25+418.012 To 33+956.5	General Arrangement (Span Layout) NSRP-DWG-VIA04- ST-0021~0046	Legend of Drawings	<ul> <li>Drawings reference no.</li> <li>NSRP-DWG-VIA04-ST-0021~0046, there is a legend for "Existing Road to be Decommissioned" and "Existing Pavement to be Removeed". Please inform us below items.</li> <li>1) "Existing Road to be Decommissioned" means that road to be removed permanently? or it means just leave the existing road as it is.</li> <li>2) We could not find out the area of "Existing Pavement to be Removed". Please provide us information of these area.</li> </ul>	1. Ye 2. R serie
S-05	1	Section 4A - Bill of Quantities	No.2	Part A Earthworks 102 (1)a	unsuitable excavation at dry condition	Please clarify the meaning of unsuitable excavation at dry condition and infom us where is the quantities comes from (Please provide us a reference drawing no)	PIN alrea Adda
S-05	2	General Specification	GS98	131.4 Safety Consieration	The Safety hoadings shall be located a minimum of 2.000m to the face or any component of the fence on the PNR side from the nearest rail of the adjacent PNR railway track to leave at least 800mm clearance insdie the PNR zone for personnel safety purposes.	the whole PNR temporary ranway of not.	Plea Prog e) S o) H Bill

#### **Final Response**

addition to the Soil Profile provided in the rawings, the BOQ provided at least two (2) number Tholes for the Geotechnical Investigation Works to nfirm veracity of the soil data.

IN 102(1)a - Unsuitable Excavation at dry conditon ready deleted in BOQ. Please refer to submitted OQ in Addendum 3. No detail drawing.

IN 102(1)a - Unsuitable Excavation at dry conditon ready deleted in BOQ. Please refer to submiitted OQ in Addendum 3. No detail drawing.

Yes, to be removed permanently.

Refer to drawing NSRP-DWG-VIA05-RD-2000 ries for location of existing pavement to be removed.

IN 102(1)a - Unsuitable excavation at dry condition ready deleted in BOQ. Please refer to latest BOQ in Idendum 3.

Tease refer to TS 103.2 Contractor's Mobilization rogram. () Security Fencing () Hoarding to PNR Operational Railway. BoQ under () 1 -GS 103.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05		Bid Addendum No.1 S-05 Volume2	Dwg-VIA05- DR-0119 21.1 & Dwg-VIA05- DR-4020 21.1	Volume 1A Section 4A -Bill of Quantities CP S-05 Earthworks 202(2) Removal of Existing Lined Canal		<ul> <li>Please clarify BOQ Item Earthworks 202(2) Removal of Exsiting Lined Canal is the one in the drawings ref no. Dwg-VIA05-DR- 0119 21.1 and Dwg-VIA05-DR-4020 21.1.</li> <li>If our understanding is correct. The quantity in the BOQ issued in addendum #1 shall be modified.</li> <li>If our understanding is wrong, please inform us reference drawings number for BOQ item 202(2) Removal of Existing Lined Canal.</li> </ul>	1. Y of E subi
S-05	1,2	1) Section 4A BOQ 2) Vol.2 Sec.6 II. Drawings	1) Bill No.5 Part C 2) NSRP- DWG-VIA05- DR-0112 ~ 0148	<ol> <li>Drainage Works</li> <li>At- Grade</li> <li>Mainline Drainage</li> <li>Plan and Schedule</li> </ol>		Please clarify quantity and type, size of Manhole/ Catch basin as compared with BOQ no.5 Part C and Drawings. For example, Manhole/ Catch Basin, TYPE 1 (for 1.3m X 0.6m~1m RCBC) is total 3 nos at CBS-SPO-17, CBS-SPO-18, CBSS-BIN-19 as drawings. However, It is stated to be 4 nos in BOQ 111(14)a.	Cor Bas BOy
S-05	1,2	1) Section 4A BOQ 2) Vol.2 Sec.6 II. Drawings	1) Bill No.5 Part C 2) NSRP- DWG-VIA05- DR-0005	<ol> <li>Drainage Works</li> <li>At- Grade</li> <li>Mainline Drainage</li> <li>Schedule of Outfall</li> <li>Connection and</li> <li>Structure Type</li> </ol>		Please clarify quantity and type, size of outfall as compared with BOQ no.5 Part C and DR-0005. For example, there is only one Type 1 as drawing DR-0005. However, type 1 is stated to be total 3 nos in BOQ 111(42) a1, a, d3.	BO DW sub
S-04	1	Section I and also from GBB No. 10	ITB 8	C. Preparation of Bids 10. Language of Bid	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.	We are participating together with an international contractor. It was stated in General Bid Bulletin No. 10 that certified translation and notarization is not required as stated in the bidding documents. May we clarify if this means that the bid proposal documents and corresponding attachements coming from countries outside of the Philippines are not required to be authenticated by the appropriate Philippine embassy unlike what's required in the IRR of RA 9184?	The
S-04	1	Volume 1	Section 1 Instruction to Bidders (ITB)	11. Documents Comprising the Bid	(b) completed schedules as required, including priced Bill of Quantities, in accordance with ITB 12 and ITB 14;	We would like to clarify if it is required to submit a Detailed Unit Price Analysis for each Work item indicated in the Bill of Quantities and if so, whether there is a required format.	t The Ana
S-04	1	Volume 1	Section 4A Bidding Forms - Bill of Quantities (BoQ)	Preamble	The rates and prices quoted in the priced Bills of Quantities shall, except insofar as it is otherwise provided under the Contract, include all construction plant, labor, supervision, materials, erection, maintenance, insurance, overheads, profit, taxes including tax deducted at sources, levies, and duties and other charges, together with all general risks, liabilities, and obligations set out or implied in the Contract.	We would like to clarify if there are any Tax that will be automatically be deducted by the Project Owner on the Payments released to the Contractor and if they will, how much would it be?	With SCI 5% Emj VA
S-05	1	EQC 1.4.3		EQC 1.4.3		In accordance with the EQC 1.4.3 under Section 3 (Evaluation and Qualification Criteria), please confirm that the requirement for Average Annual Construction Turnover, Financial Resources, Equipment, and Personnel are aggregated with submission of other packages including SCRP S-01, S-02, S-03?	The Con

# **Final Response** Yes, it is correct. Quantity for PIN 202(2) Removal f Exsiting Lined Canal was already revised and ubmitted in Addendum 3 *Correct quantity for PIN 111(14)a - Manhole/Catch* Casin, TYPE 1 (for 1.3m X 0.6m~1m RCBC) is 3 ea. OQ to be revied and submit in Addendum 3 OQ to be revised to match in the drawing in NSRP-WG-VIA05-DR-0005 March 18, 2021 Rev 21.3 to be ubmitted in Addendum 3 The Bidder's understanding is correct. *There is no requirement for Detailed Unit Price* nalysis under ITB 12 and 14. Vith reference to BIR RR No. 13-2018, Sec 4-114-2, CRP Project being ODA-funded, withholding of the % out of 12% VAT does not apply. In other words, the *Employer will pay the Contractor with the full 12%* AT amount.

*The aggregated requirement is only applicable to Contracts being specified in the Bidding Document* 

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05	1	EQC 1.4.3		EQC 1.4.3		A company bids for multiple packages with different team composition. e.g.) Package 4 (JV) : Company "A" + Company "B" Package 5 (JV) : Company "A" + Company "C" Package 6 (Sole Contractor) : Company "A"	Bidd Resj
S-05						Q2. Assuming that "Company A" is qualified for all criteria and offers the lowest price among the bidders on both single and combined offers, but does not have enough aggregation requirement to be awarded all three packages. However, Company "A" can be selected for packages "4 & 5" or "4 & 6" since the bidder has a turnover of \$150 which satisfies the aggregation requirement for packages "4 & 5" and "4 & 6". Please confirm if Company A is allowed to submit for multiple bids even though the aggregation requirement is not met for all packages, but still can be qualified for lesser number of bids.	Q1: pact cont cap Ven for t Pac at th taki casa Q2: Q3:
S-05	1	Section 4a BOQ		BILL OF QUANTITIES No. 3 PART B.3 SUB- STRUCTURAL WORK (PIER WORK) 211	Anti-graffiti coating to piers 3m high from ground level to all exposed concrete	Anti-graffiti coating is added in addendum 1 issueed on 10 February 2021. However, Specification of anti-graffiti is not provided. Please provide sepcification of anti-graffiti.	Ant. 232.
S-05	2	Part II Section 6II Drawing		DWG NSRP- DWG_BIN-DR-2011 DWG NSRP- DWG_PTA-DR-2011 DWG NSRP- DWG_SPO-DR- 2011 DWG NSRP- DWG_SRO-DR- 2011		As shown in the referred drawings, Dia 250mm PVC Pipe is appeared (shown in Red). However, this item do not appear in the Bill of Quantities No.4 Station. Would you please clarify which item in BoQ is for drainage work.	Dov C PII for . Dia 300 (ST.

#### **Final Response**

idder Clarification Request and corresponding besponse found below

1: The Bidders are free to bid for any combination of ackages, however, to be successfully awarded the ontract for specific multiple Packages, the Bidder's apacity/capability, whether as a single entity or Joint enture (JV) must meet the aggregated requirements or the particular Packages under consideration.

The Employer shall evaluate and compare Bids on the asis of a single Package, or a combination of ackages, or as a total of Packages in order to arrive t the least-cost combination for the Employer, by aking into account the discounts offered by Bidders in ase of award of multiple contracts, if any.

2: refer to answer to Q1.

3: refer to answer to Q1

*nti-Graffiti Specifications have been provided in TS 32.* 

ownspout for Stations is included in BoQ No. 3, Part - DRAINAGE WORKS (IN VIADUCT) PIN 122(2)---Drain PVC Pipe (300) and Accessories or Elevated Section

Dia 250mm PVC Pipe was already revised to Dia 00mm PVC Pipe. Please refer to NSRP-DWG-STATION NAME)-DR-2011.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05	2	Volume 2 Part II Section 6II Drawing		DWG NSRP- DWG_BIN-CW-1061 DWG NSRP- DWG_PTA-CW- 1061 DWG NSRP- DWG_SPO-CW- 1061 DWG NSRP- DWG_SRO-CW- 1061		As shown within drawings, Thickness of PCCP is indicated as 230mm(Red box). Furthermore Sub-base course and Longitudinal drainage are indicated respectively as blue box and green box. However, items which are related with PCCP and Drainage do not appear in the Bill of Quantities No.4 Station. Would you please clarify which item in BoQ is for PCCP and Drainage work. In addition, please clarify whether the quantity of 200mm Aggregate Sub-base course is included in "ITEM NO. 160(2) Aggregate Subbase Course in Stations and Substations" of BOQ No.4-1, 4-2 and 4-3.	PCC othe are in Exte 564 Dra 5 (P Part
S-05		GBB No. 10 CP S04-07 Responses to clarification requests (Batch3)			Clarification request was as belows. "Please provide the detailed cross section drawings or earthwork calculation sheet to check the earthwork quantities and to establish the reuse and disposal plan." and the answer is as belows. "Please refer to GBB No. 07 for the CAD files. For information purposes only."	Regarding the above response, we couldn't find the detail CAD files for earthwork qunatity estimation. As you know, we need the cross section drawings for estimation of earthwork quantity along the SCRP alignment with every 10m or 20m. If it it is included in Addendum1, please indicate the file name, if it isn't please provide it for bidding.	Civi Add
S-06	1	EQC 1.4.3		EQC 1.4.3		In accordance with the EQC 1.4.3 under Section 3 (Evaluation and Qualification Criteria), please confirm that the requirement for Average Annual Construction Turnover, Financial Resources, Equipment, and Personnel are aggregated with submission of other packages including SCRP S-01, S-02, S-03?	The Con
S-06	1	EQC 1.4.3		EQC 1.4.3		A company bids for multiple packages with different team composition. e.g.) Package 4 (JV) : Company "A" + Company "B" Package 5 (JV) : Company "A" + Company "C" Package 6 (Sole Contractor) : Company "A"	Bidd Resp

#### **Final Response**

CCP works, including 200mm sub-base course (and her related works not included in other pay items), e included under Bill No. 4 (i.e. Bill Nos.4-1 to 4-3, spective of Stations), Part E--- Miscellaneous Works, sternal Works (Hardscape), pay item a follows, 64(1)a--- Driveway Paving

rainage Works for stations are included in BoQ No. (Part A Earthworks, Part B Structural Works and art C Drainage Works).

ivil CAD Drawings would be provided as Part of Idendum-3

he aggregated requirement is only applicable to ontracts being specified in the Bidding Document

dder Clarification Request and corresponding esponse found below

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-06						<ul> <li>Q2. Assuming that "Company A" is qualified for all criteria and offers the lowest price among the bidders on both single and combined offers, but does not have enough aggregation requirement to be awarded all three packages. However, Company "A" can be selected for packages "4 &amp; 5" or "4 &amp; 6" since the bidder has a turnover of \$150 which satisfies the aggregation requirement for packages "4 &amp; 5" and "4 &amp; 6".</li> <li>Please confirm if Company A is allowed to submit for multiple bids even though the aggregation requirement is not met for all packages, but still can be qualified for lesser number of bids.</li> <li>Q3. If the above Q2 is true, how will the Employer determine</li> </ul>	Q1: pach com capa Ven for t The basi Pach at th takin case Q2: Q3:
S-06	1	Section 4a BOQ		BILL OF QUANTITIES No. 3 PART B.3 SUB- STRUCTURAL WORK (PIER WORK) 211	Anti-graffiti coating to piers 3m high from ground level to all exposed concrete	Anti-graffiti coating is added in addendum 1 issueed on 10 February 2021. However, Specification of anti-graffiti is not provided. Please provide sepcification of anti-graffiti.	Anti 232.
S-06	2	Part II Section 6II Drawing		DWG NSRP- DWG_BAN-DR- 2011 DWG NSRP- DWG_CAB-DR- 2011 DWG NSRP- DWG_CAL-DR- 2011			Dow C - I PIN for I Dia 3000 (ST.

#### **Final Response**

1: The Bidders are free to bid for any combination of ackages, however, to be successfully awarded the antract for specific multiple Packages, the Bidder's apacity/capability, whether as a single entity or Joint enture (JV) must meet the aggregated requirements r the particular Packages under consideration.

the Employer shall evaluate and compare Bids on the siss of a single Package, or a combination of ackages, or as a total of Packages in order to arrive the least-cost combination for the Employer, by king into account the discounts offered by Bidders in se of award of multiple contracts, if any.

2: refer to answer to Q1.

3: refer to answer to Q1

nti-Graffiti Specifications have been provided in TS 32.

ownspout for Stations is included in BoQ No. 3, Part - DRAINAGE WORKS (IN VIADUCT) IN 122(2)---Drain PVC Pipe (300) and Accessories r Elevated Section

Dia 250mm PVC Pipe was already revised to Dia DOmm PVC Pipe. Please refer to NSRP-DWG-TATION NAME)-DR-2011.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-06	2	Part II Section 6II Drawing		DWG NSRP- DWG_BAN-CW- 1061 DWG NSRP- DWG_CAB-CW- 1061 DWG NSRP- DWG_CAL-CW- 1061		As shown in the referred drawings, Thickness of PCCP is indicated as 230mm (Red box). Furthermore Sub-base course and Longitudinal drainage are indicated as blue box and green box, respectively. However, items which are related with PCCP and Drainage do not appear in the Bill of Quantities No.4 Station. Would you please clarify which item in BoQ is for PCCP and Drainage work. In addition, please clarfy whether the quantity of 200mm Aggregate Sub-base course is included in "ITEM NO. 160(2) Aggregate Subbase Course in Stations and Substations" of BOQ No.4-1, 4-2 and 4-3.	PCC othe are i resp Wor follo 564 Dra (Par C Di
S-06		GBB No. 10 CP S04-07 Responses to clarification requests (Batch3)			Clarification request was as belows. "Please provide the detailed cross section drawings or earthwork calculation sheet to check the earthwork quantities and to establish the reuse and disposal plan." and the answer is as belows. "Please refer to GBB No. 07 for the CAD files. For information purposes only."	Regarding the above response, we couldn't find the detail CAD files for earthwork qunatity estimation. As you know, we need the cross section drawings for estimation of earthwork quantity along the SCRP alignment with every 10m or 20m. If it it is included in Addendum1, please indicate the file name, if it isn't please provide it for bidding.	1 111
S-07	2	Section 7 SOUTH DEPOT ARCHITECTUR AL DRAWINGS	OCC BUILDING ARCHITECTU RAL 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 clarfy which type shall be applied. Also, please review quantity of cementitious waterproofing as it is not enough.	514
S-07	2	Section 7 SOUTH DEPOT ARCHITECTUR AL DRAWINGS	ARCHITECTU RAL DRAWINGS			There is discrepancies between Dry Wall(Single/Double Wall) on BOQ and drawing [Ex) OCC-AR-3531~2]. Please clarify which standard shall we follow.	This subr
S-07		GENERAL BID BULLETIN NO. 14 26 FEBRUARY 2021 IFB NO. 20-031-	4 of 76	Annex "A" - CP S-04 to 07 Responses to Clarifications Requests (Batch 6)	Please refer to drawing NSCRP-DWG-DEP-AR-3401,rev. 21	Please provide Structural Plan as noted on details of Pedestrian Shed for the blow-up details and sizes of steel structure including foundations.	Refe
S-07		GENERAL BID BULLETIN NO. 14 26 FEBRUARY 2021 IFB NO. 20-031-	4 of 76	Annex "A" - CP S-04 to 07 Responses to Clarifications Requests (Batch 6)	Please refer to the following drawings: Architectural: NSCRP-DWG-CWT-AR-3011 rev.21.2 Structural : NSCRP-DWG-CWT-ST-4101; 4111; 4112, rev. 21.2	Please provided this drawings	Refe CW
S-07	2	Book 2 (Architectural) Architectural Plan		NSCRP-DWG-AR- 3230		Please confirm where are we going to put the Inter-locking Pavement Sidewalk (for all Depot sidewalks) on the BOQ.	Plea Inter Pede
S-07	2	Book 2 (Architectural) Architectural Plan		NSCRP-DWG-AR- 3230		Please confirm where are we going to put the 100x100x100mm Cube Granite Stone on the BOQ	Plea cube Add

#### **Final Response**

CCP works, including 200mm sub-base course (and her related works not included in other pay items), re included under Bill No. 4 (i.e. Bill Nos.4-1 to 4-3, spective of Stations), Part E--- Miscellaneous Yorks,External Works (Hardscape), pay item a llows,

64(1)a--- Driveway Paving

vrainage Works for stations are inluded in BoQ No. 5 Part A Earthworks, Part B Structural Works and Part Drainage Works).

ivil CAD Drawings would be provided as Part of Idendum-3

rawings are in general terms. *Refer to TS-500 Clause* 4 Waterproofing.

his drywall is already updated. Please refer to latest bmitted BOQ in Addendum 3

efer to NSRP-DWG-DEP-ST-4061 to 4062 rev21.2

efer to NSRP-DWG-CWT-AR-3011, NSRP-DWG-WT-ST-4101, 4111, 4112 rev21.2

ease refer to pay item D(504)2 Architectural terlocking Concrete Block Paver OCC, LRS, edestrian Shed Bldg, BoQ in Addendum 3

ease refer to pay item D(504)3 100 x 100 x 100mm the Granite Paver under OCC Bldg, BoQ in Idendum 3

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07	2	Book 02 (Architectural) Architectural Plan	-	NSRP-DWG-LRS- AR-3101	-	Kindly confirm if the highlighted area at Corridor floor finish is T-100mm, Tampered concrete including wiremesh with hardener based on Structural framing.	For Hon rev2
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.1 (Unsheduled Repair shop) Item No. D502(3)d	-	Other than the Work area, kindly specify other areas with floor finish 200mm tampered concrete including wiremesh with hardener.	As p hard 360.
S-07	2	Book 02 (Architectural) Architectural Plan	-	NSRP-DWG-WRS- AR-3601	-	Please confirm if the wall finish of Service pit is 12mmthick Gypsum board on light metal frames; painted finish based on Schedule of finishes.	"Pla shee Add
S-07	2	Book 02 (Architectural) Architectural Plan	-	NSRP-DWG-CMV- AR-3101	-	Please provide Blow-up plans/ Detailed plans for Sump pit.	No : 711.
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	NSRP-DWG-TGB- ST-4311; Bill no.4- 2.8 Truck Garage Building		Please confirm which will govern for Foundation at Truck Garage Building: As per plan: 200mm Thk Gravel Bedding As per BOQ: 150mm Thk Sand Layer	This Add
S-07		GeneralBB11- Addendum 1-S07- CP S-07 Vol.1A Sec.4A BOQ 20210118 – Bill of Quantities	-	Item No. D534(3)- The Master Key System or Card Key System	-	Kindly clarify the considerations used for the quantification of Master Key System and Card Key System.	The base requ Ple Find
S-07	2	Book 2 (Architectural) Architectural Plan	-	Schedule of Doors, Windows and Louvers	-	There is no pay item for Door Hardwares in the BOQ as per reflected in all the Schedule of Doors. Where can we include this? Or will you provide pay item for the said items?	Doo incl Ple 526, Doo Doo
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)		Bill No. 4-1.1 OCC Building		Please provide schedule of finishes for Room No.108A Cylinder Room.	Refe Add
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)		Bill No. 4-1.1 OCC Building		<ul> <li>Please Provide Blow-up and Section Details for the locations below:</li> <li>Emergency Generator</li> <li>High Voltage Electrical Room</li> <li>Low Voltage Electrical Room</li> <li>AFC Room</li> <li>P-Scada</li> <li>F-Scada</li> <li>Telecom Equipment Room</li> <li>Signaling UPS Room</li> <li>Signaling Equipment Room</li> </ul>	Add. on ii

#### **Final Response**

or LRS corridor or walkways, it is 600x600mm oned granite floor tiles, refer to LRS-DWG-AR-3005 v21

s per schedule of finishes, self-levelling epoxy with ardener was used. Refer to NSRP-DWG-URS-AR-501 rev21

Plain cement plaster paint finish" to be revised on eet NSRP-DWG-WRS-AR-3601 and submitted in Idendum 3

o sump pit for CMV. Refer to NSRP-DWG-CMV-SN-11 rev21.3 in Addendum 3

his was already updated. Please refer to latest BOQ in Idendum 3

he quantity of Master Key and Card Key System is used on the quantity of doors with Master Key quirement.

lease refer to SCRP\_TS 500\_Annex A, Section 534 -inish Hardware.

oor hardwares and other accessories shall be cluded in the rate of Doors.

*Yease refer to SCRP\_TS 500\_Annex A, Sections 525, 26, 528, and 531 for cost inclusions to Wooden oors, Metal Doors, Aluminum Doors, and Glass oors, respectively.* 

efer to NSRP-DWG-OCC-AR-3604 rev21.3 in Idendum 3.

dditional blow-up details will be added and submitted 1 in Addendum 3

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)		Bill No. 4-1.1 OCC Building		Please verify if the Cove Ceiling with Indirect Lighting is Applicable to the Entry Foyer, If yes kindly provide a Blow-up and Section Details.	Yes, rev2
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)		Bill No. 4-1.1 OCC Building		<ul> <li>Please provide the Exact Location and Section Details for</li> <li>Stainless Steel grating for Dry Area.</li> <li>As per Plan: Dry Area is located at the basement floor.</li> <li>As per Response in Bid Bulletin 14: NSRP-DWG-OCC-AR-</li> <li>3011 Rev 21 which is the Ground Floor.</li> </ul>	Refe rev2
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)		Bill No. 4-1.2 Light Rail Shop		Please provide the Exact Location and Section Details for Stainless Steel grating for Access Ladder with Steel Handrail for Pit.	JDT DWC LRS
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)		Bill No. 4-1.2 Light Rail Shop		Please provide the Exact Location and Section Details for Stainless Steel grating for Access Ladder with Steel Handrail for Maintenance Deck.	For DW ladd AR-:
S-07	2	Book 2 (Architectural) Architectural Plan		Bill No. 4-1.1 OCC Building		Please provide schedule of finishes for Room No.108A Cylinder Room.	Refe Adde
S-07	2	Book 02 (Architectural) Architectural Plan		Bill No. 4-1.1 OCC Building		<ul> <li>Please Provide Blow-up and Section Details for the locations below:</li> <li>Emergency Generator</li> <li>High Voltage Electrical Room</li> <li>Low Voltage Electrical Room</li> <li>AFC Room</li> <li>P-Scada</li> <li>F-Scada</li> <li>Telecom Equipment Room</li> <li>Signaling UPS Room</li> <li>Signaling Equipment Room</li> </ul>	Addi on ir
S-07	2	Book 02 (Architectural) Architectural Plan		Bill No. 4-1.1 OCC Building		Please verify if the Cove Ceiling with Indirect Lighting is Applicable to the Entry Foyer, If yes kindly provide a Blow-up and Section Details.	Yes, rev2
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)		Bill No. 4-1.1 OCC Building		Please provide the Exact Location and Section Details for Stainless Steel grating for Dry Area. As per Plan: Dry Area is located at the basement floor. As per Response in Bid Bulletin 14: NSRP-DWG-OCC-AR- 3011 Rev 21 which is the Ground Floor.	Refe rev2
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)		Bill No. 4-1.2 Light Rail Shop		Please provide the Exact Location and Section Details for Stainless Steel grating for Access Ladder with Steel Handrail for Pit.	JDT DW LRS
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)		Bill No. 4-1.2 Light Rail Shop		Please provide the Exact Location and Section Details for Stainless Steel grating for Access Ladder with Steel Handrail for Maintenance Deck.	For DW ladd AR

#### **Final Response**

es, for details refer to NSRP-DWG-OCC-AR-3582 v21

efer to NSRP-DWG-OCC-3101 for the section details v21.

DT to add location for access ladder for pit NSRP-WG-LRS-3101. For details, refer to NSRP-DWG-RS-3501 rev21

or typical details for access ladder, refer to NSRP-WG-LRS-AR-3502 rev21. The location of access dder for maintenance deck is on NSRP-DWG-LRS-R-3103 rev21

efer to NSRP-DWG-OCC-AR-3604 rev21.3 in Idendum 3.

dditional blow-up details will be added and submitted in Addendum 3

*vs, for details refer to NSRP-DWG-OCC-AR-3582 v21* 

efer to NSRP-DWG-OCC-3101 for the section details v21.

*OT to add location for access ladder for pit NSRP-WG-LRS-3101. For details, refer to NSRP-DWG-RS-3501 rev21* 

or typical details for access ladder, refer to NSRP-WG-LRS-AR-3502 rev21. The location of access dder for maintenance deck is on NSRP-DWG-LRS-R-3103 rev21

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)		Bill No. 4-1.1 OCC Building	(ii iiccessary)	Please verify if we will provide 600x600mm Access Hatch reflected in the plans but not in the BOQ .	Bida
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 2 Earthworks / Site Development		Please provide location and details of Existing PCCP for removal as per BOQ	For prof
S-07	2	Book 1 (Civil) 04_CP S- 07_DPSFE	139	NSRP-DWG-DEP- DR-2665 U-Box Structure Concrete Details		Please provide length of RCBC connecting Underpass and Sump Pump	The DEI
S-07	2	Book 1 (Civil) 04_CP S- 07_DPSFE	127	NSRP-DWG-DEP- DR-2641 Underpass Drainage Plan and Profile		Please provide Plans containing details for Pump System NSRP-DWG-DEP-DR-2691 to 2694	The erro Add
S-07	2	Book 2 (Architectural) 02_S07 STRUC	-	CP S- 07_15_WPH1_ST CP S- 07_16_WPH2_ST		Please provide termination of Fire Water Tank and Water Pump House 1 and 2	Refe DW Tan
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-			Please provide location and number of piles to be tested for Cross Hole Sonic Logging Test	Refe cont
S-07		General Bid Bulletin No. 15	-			Please provide Revised Design Drawing of Depot Perimeter Wall as Per Responses to Clarification Requests (Batch 7)	RD- revi RD- Add
S-07	1,2	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ) Volume 2 Book 2 (Architectural) Architectural Plan	-	Bill No. 4-3.1 (Softscape planting) NSRP-DWG-DEP- AR-3204-3206, 3221,3230/ NSRP- DWG-OCC-AR- 3011, 3206/ NSRP- DWG-SH1-AR- 3501/ NSRP-DWG- CNT-AR-3011	-	Please provide detailed / layout plans for the following: a. Over 10m high tree planting b. 6m ~ 10m High Tree planting c. 3m ~ 6m High Tree planting d. Under 3m High Tree planting e. 1.5m Low Tree planting f. Plant Pot including low height plant/0.3~0.8m high shrub g. Lawn/Sod h. Ground cover other than lawn	See S(8. selec cons
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-1.2 (Light Repair shop) Item No. D541(1)	-	Please provide location for Single Wall 2 x 12mm thick gypsum board and Rockwool Insulation on standard metal framing	For 383.

#### **Final Response**

dder shall refer to the updated BOQ in Addendum 3

or Location/Drawings, and details, refer to plan and office of underpass RD-1664 and RD-1665.

he length is 9.70m. This is provided in NSRP-DWG-EP-DR-2643.

he callout should be 2671 to 2674 (typographical ror). Sheet NSRP-DWG-DEP-DR-2641 t updated in Idendum 3

efer to NSRP-DWG-WPH1-AR-3011 and NSRP-WG-WPH2-AR-3011 for locations of Fire Water ank and Water Pump House 1 and 2.

efer to TS 100 series. Contractor to provide quality ntrol plan that is agreed to by Engineer.

D-8502 and RD-1926 (BATCH 7 Q-2325) already vised and submitted in Addendum 3 rev.21.2. Revised D-1927 to RD-1928 twill be issued as rev.21.3. in ddendum 3

ee notes at item 8 NSRP-DWG-DEP-AR-3204 rev21 (8. type of trees on the chart is tentative and actual lection will be confirmed with the Engineer during onstruction).

or partition layout, refer to NSRP-DWG-LRS-AR-331 rev21

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.1, 4-2.2, 4-2.3,4-2.9, 4-2.10 (Unsheduled Repair shop, Wheel Re- profiling shop, Catenary Maintenance Vehicle shop, Track Maintenance Office, Maintenance Car shop) Item No. D502(1)		Please provide location for T=50mm, Plain Cement Trowelled finish with hardener	1) It rem 2) I Plea
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.2 (Wheel Re-profiling shop) Item No. D541(2)		Please provide location for Double Wall 2 x 12mm thick gypsum board and Rockwool Insulation on standard metal framing	item BOQ
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	_	Bill No. 4-1.2, 4-2.1, 4-2.2, 4-2.3, 4-2.6, 4- 2.7, 4.2-8, 4-2.9, 4- 2.10, 4-2.20 (Light Repair shop, Unscheduled Repair shop,Wheel Re- profiling shop, Catenary Maintenance Vehicle shop, Hazardous store, Garbage shed for Light Repair shop, Truck Garbage Building, Track Maintenance Office, Maintenance Car shop, Canteen) Item No. D514(1)(2)(3)	-	Please provide location and height of upstand wall for Crystalline Cementitious waterproofing, Polyurethane Membrane System Waterproofing and Asphalt Membrane Waterproofing	wate
S-07	1	Section 4A Bidding Forms – Bill of Quantities (BOQ)	-	Bill No. 4-2.20 (Canteen) Item No. D502(3)d	-	Kindly confirm if floor finish T= 200mm, Tampered concrete including wire mesh with hardener are located at Kitchen, Dining and Outdoor dining area	item BOÇ
S-07	2	Book 2 (Architectural) Structural Plans	-	NSRP-DWG-OCC- ST-4201 to 4251	-	Please provide details for W30	For 4342
S-07	2	Book 2 (Architectural) Structural Plans	-	NSRP-DWG-OCC- ST-4131 to 4144	-	Please confirm if the hatches as shown on GF to 5F are tampered concrete.	The finis 360.

# **Final Response** *Item D502(1) on Bill 4-2.1, 4-2.3 & 4-2.10 is* moved in revised BOQ in Addendum 3. ) D502(1) in Bill 4-2.2, & 4-2.9 was already removed. lease refer to latest BOQ in Addendum 3 em will be removed, Bidder shall refer to the revised OQ in Addendum 3 aterproofing layout will be provided in Addendum 3 em will be removed, Bidder shall refer to the revised OQ in Addendum 3 or W30 detail, refer to sheet NSRP-DWG-OCC-ST-342 rev 21.2

*The hatches shown are for elevation level. For inishes, refer to sheets NSRP-DWG-OCC-AR-3601, 602, 3604 rev21.3 in Addendum 3* 

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07	2	Book 1 (Roads) Roads Drawing	-	NSRP-DWG-DEP- RD-1852 to 1854	-	As per plan, Regulatory Signs R4-1(15, 30, and 40) (Circular). As per BOQ, Regulatory Sign R4-1 (60) (Circular). Please advise where to include quantities of Regulatory Signs R4 1 shown in plans.	Refe regi Refe
S-07	2	Book 2 (Architectural) Architectural Plans	-	NSRP-DWG-OCC- AR-3105	-	Concrete Pad reflected in plan/s does not have line item in BOQ, please advise where to include item.	Con the inter unit Unit Plec inclu
S-07	2	Book 2 (Architectural) Architectural Plans		NSRP-DWG-OCC- AR-3101		Elevator Pit Slab reflected in plan/s does not have line item in BOQ, please advise where to include item and provide structural details.	Incl
S-07	2	Book 2 (Architectural) Architectural Plans		NSRP-DWG-LRS- ST-4611		RC Stair and Slope does not have line item in BOQ, please advise where to include item.	Iten
S-07	2	Book 2 (Architectural) Architectural Plans		NSRP-DWG-URS- ST-4201		150mmx800mm RC Wall reflected in plan/s does not have line item in BOQ, please advise where to include item.	Bida
S-07	2	Book 2 (Architectural) Structural Plans		NSRP-DWG-URS- ST-4302		Foundation Column reflected in plan/s does not have line item in BOQ, please advise where to include item.	Bide
S-07	2	Book 2 (Architectural) Structural Plans		NSRP-DWG-WRS- ST-4202		"W15" RC Wall reflected in plan/s does not have line item in BOQ, please advise where to include item.	Bide
S-07	2	Book 2 (Architectural) Structural Plans		NSRP-DWG-CMV- ST-4201		150mmx800mm RC Wall reflected in plan/s does not have line item in BOQ, please advise where to include item.	Bide
S-07	2	Book 2 (Architectural) Structural Plans		NSRP-DWG-TGB- ST-4201		"W15" RC Wall reflected in plan/s does not have line item in BOQ, please advise where to include item.	Bide
S-07	2	Book 2 (Architectural) Structural Plans		NSRP-DWG-TMO- ST-4201		"W15" RC Wall reflected in plan/s does not have line item in BOQ, please advise where to include item.	Bida
S-07	2	Book 2 (Architectural) Structural Plans		NSRP-DWG-MCS- ST-4201		150mmx800mm RC Wall reflected in plan/s does not have line item in BOQ, please advise where to include item.	Bida
S-07	2	Book 2 (Architectural) Structural Plans		NSRP-DWG-CNT- ST-4302		"W20" RC Wall reflected in plan/s does not have line item in BOQ, please advise where to include item.	Bida
S-07	2	Book 2 (Architectural) Structural Plans		NSRP-DWG-CNT- ST-4102		Suspended Slab and Beam reflected in plan/s does not have line item in BOQ, please advise where to include item.	Bida
S-07	2	Book 2 (Architectural) Structural Plans		NSRP-DWG-DSP- ST-4111		"W30" RC Wall reflected in plan/s does not have line item in BOQ, please advise where to include item.	Bida

#### **Final Response**

*Cefer to the drawings to determine the quantity of egulatory signs and consult with the GCR engineer. Cefer to sheets NSRP-DWG-DEP-RD-1852 to 1854.* 

Soncrete pad/foundations are included in the cost of the Mechanical Equipment for which these are ntended for use (i.e. if concrete pad is for AC Outdoor nit, cost of concrete pad is included in cost of AC Vinit).

Please refer to SCRP\_TS 600\_Annex A for cost nclusions.

ncluded in 405(7)a.

tem will be include in Addendum 3

 Ridder is advised to refer to BOQ in Addendum 3
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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05	1	Volume 1 & Section 3 Evaluation and Qualification Criteria	EQC 7	1.2.3.1	BIM Co-Ordinator	According to Key Personnel List, the Bidders are required to submit CVs, qualifications, vocational training and certification of BIM Co-Ordinator. On the other hand, as per Volume 1A, Section 4A BOQ Item GS119(1), "Mobilisation of BIM Manager" will be priced by the Bidders. Please confirm that the BOQ item is related to Mobilization of BIM Co-Ordinator.	The Mai
S-05	3	Section 7 General Conditions of Contract	46	14.2 Advance Payment	Unless stated otherwise in the Contract Data, the advance payment shall be repaid through percentage deductions from the interim payments determined by the Engineer in accordance with Sub-Clause 14.6 [Issue of Interim Payment Certificates ], as follows: (a) deductions shall commence in the next interim Payment Certificate following that in which the total of all certified interim payments (excluding the advance payment and deductions and repayments of retention) exceeds 30 percent (30%) of the Accepted Contract Amount less Provisional Sums; and (b) deductions shall be made at the amortisation rate stated in the Contract Data of the advance payment and deductions for its repayments as well as deductions for retention money) in the currencies and proportions of the advance payment until such time as the advance payment has been repaid; provided that the advance payment shall be completely repaid prior to the time when 90 percent (90%) of the Accepted Contract Amount less Provisional Sums has been certified for payment.	The Employer is kindly requested to revisit to decrease the amortization rate indicated in the sub-paragraphs 14.2 (a) & (b) to relieve the Contractor from the negative cash flow.	The Peri
S-06	1	Section 3 Evaluation and Qualification Criteria	EQC 7	1.2.3.1	BIM Co-Ordinator	According to Key Personnel List, the Bidders are required to submit CVs, qualifications, vocational training and certification of BIM Co-Ordinator. On the other hand, as per Volume 1A, Section 4A BOQ Item GS119(1), "Mobilisation of BIM Manager" will be priced by the Bidders. Please confirm that the BOQ item is related to Mobilization of BIM Co-Ordinator.	The Mai
S-06	3	Volume 3 & Section 7 General Conditions of Contract	46	14.2 Advance Payment	Unless stated otherwise in the Contract Data, the advance payment shall be repaid through percentage deductions from the interim payments determined by the Engineer in accordance with Sub-Clause 14.6 [Issue of Interim Payment Certificates ], as follows: (a) deductions shall commence in the next interim Payment Certificate following that in which the total of all certified interim payments (excluding the advance payment and deductions and repayments of retention) exceeds 30 percent (30%) of the Accepted Contract Amount less Provisional Sums; and (b) deductions shall be made at the amortisation rate stated in the Contract Data of the amount of each Interim Payment Certificate (excluding the advance payment and deductions for its repayments as well as deductions for retention money) in the currencies and proportions of the advance payment until such time as the advance payment has been repaid; provided that the advance payment shall be completely repaid prior to the time when 90 percent (90%) of the Accepted Contract Amount less Provisional Sums has been certified for payment.	The Employer is kindly requested to revisit to decrease the amortization rate indicated in the sub-paragraphs 14.2 (a) & (b) to relieve the Contractor from the negative cash flow.	The Peri
S-05		Sec4 BOQ Bill No. 4-4	707 (3)a	Cable Pit		There is considered number of quantity for Cable Pit for ROSA station on BOQ. However it is not shown on layout plan. Please provide the information for cable pit location plan including technical specification to be clarified.	Plea 21

Final Response
The bidder is referred to Addendum 2 where the BIM Aanager line item is removed
The request will not be accepted during the Bidding Period.
The Bidder is referred to Addendum 2 where the BIM Janager line item is removed
The request will not be accepted during the Bidding Period.
lease refer to sheet NSRP-DWG-SRO-EL-5201, rev.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07	2	Book 2 01_S07 ARCH	NSRP-DWG- LRS-AR-3831 NSRP-DWG- LRS-AR-3861			<ul> <li>LRS, Fire rating for wall;</li> <li>Discrepancy in layout between 'Partition Plan' and 'Fire Compartmentation Plan'.</li> <li>For below rooms;</li> <li>Substation High-Voltage</li> <li>Substation Low-Voltage</li> <li>Compressor</li> <li>Parts Repair</li> <li>Parts Cleaning</li> <li>Battery</li> <li>Parts Electrical</li> <li>Partition Plan' shows W4 (4H fire rating) for all rooms</li> <li>'Fire Compartmentation Plan' shows 4H fire rating to rooms, 1, 2 &amp; 3.</li> <li>Please advise which drawing to follow.</li> </ul>	She revi
S-05		General - Taxes				<ol> <li>We refer to BIR RR No. 13-2018, Sec.4-114-2 related to withholding of Value-added Tax. We would like to receive confirmation about who is the entity making the payments to Contractor and that 5% withholding tax doesn't apply to this project</li> <li>We would like to receive confirmation regarding VAT being applicable or not to advance payment of the project.</li> <li>We request confirmation that there is tax exemption for any withholding tax related to income tax which applies to a unincorporated JV.</li> </ol>	1. V SCI 5% Emj VA 2. V 3. E Cor
S-05		General - Customs Duties				We request confirmation about any tax exemption for custom duties applicable to the project or the client to consider in the tender.	The taxe iten issu Cus

#### **Final Response**

*heet NSRP-DWG-LRS-AR-3861 to be* evised/submitted in Addendum 3

. With reference to BIR RR No. 13-2018, Sec 4-114-2, CCRP Project being ODA-funded, withholding of the % out of 12% VAT does not apply. In other words, the Employer will pay the Contractor with the full 12% VAT amount.

*VAT is applicable to the Advance Payment* 

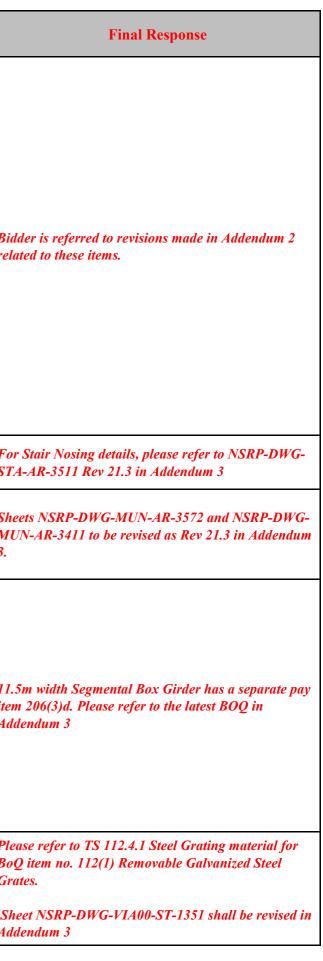
. Employer will not be withholding income taxes for Contractor's personnel.

The Contractor does not pay for import axes. Contractor needs to submit in advance a list of tems to be imported monthly to DOTr, then DOTr will assue a Certificate of Undertaking to the Bureau of Sustoms.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-06		Vol 1 Bill 3 Vol 2 TS 204.1		BILL of Quantity - 3 Geotechnical Investigation VS Technical Specification Item 204.1.1.2 Geotechnical Investigation Work.	Bill of Quantity - 3, Part B.1, Item 204 (1) Geotechnical Investigation Works and Criteria for Termination of Borehole.	In Bill of Quantity 3, the quantity of 6677 ln m of Geotechnical Investigation Work has an average of 26 m depth confirmation borehole for the 254 pier location of CPS-06 alignment. The average 26 m bh depth is not enough for the Fourth (4th) bh termination criteria of "Maximum depth of 60m below the existing ground level" (TS Item 204.1.1.2, page TS 100 Annex A- 9). Note: Fouth (4th) criteria would be used when the first to third criteria could not be met. Refer to General Arrangement (Span Layout), there are bored pile lenght of 30 to 45 m with SC 7. Please clarify and request for consideration, to increase the quantity of Geotechnical Investigation Work lenght, to perform confirmation bh to those bored pile with extended penetration depth in some critical pier location.	Piec DW
S-06		General - Taxes				Contractor and that 5% withholding tax doesn't apply to this project 2. We would like to receive confirmation regarding VAT being applicable or not to advance payment of the project.	1. W SCI 5% Emj VA1 2. V 3. E Con
S-06		General - Customs Duties				We request confirmation about any tax exemption for custom duties applicable to the project or the client to consider in the	The taxe item issu Cus
S-04	2			Drawings / Specifications - Architectural Plans		b. Blow-up Details and Plan showing T=12mm H=600mm Fire Rated Tempred Glass Smoke Separation Down-stand Walls at Alabang to Muntinlupa Stations	Gra DW
S-04	2			Drawings / Specifications - Architectural Plans		c. Plans showing B-9 Vinyl Corner Guard to Drawing No. NSCP- DWG-MUN-AR-3515-3523 at Muntinlupa Station.	For DW
S-04	2			Drawings / Specifications - Architectural Plans		d. Location and Plan showing WF-6 Wall: Aluminum Composite Panel with Calcium Silicate on Steel Studs at Muntinlupa Stations	NSK in A
S-04	2			Drawings / Specifications - Architectural Plans		e. Blow-up Details and Plan showing 30mm x 95mm, Flamed	For to N 3

# **Final Response** ease refer to NSRP-DWG-ALA-AR-3431 and NSRP-WG-MUN-AR-3431 Rev 21.1 With reference to BIR RR No. 13-2018, Sec 4-114-2, CRP Project being ODA-funded, withholding of the % out of 12% VAT does not apply. In other words, the nployer will pay the Contractor with the full 12% AT amount. VAT is applicable to the Advance Payment *Employer will not be withholding income taxes for* ontractor's personnel. ne Contractor does not pay for import xes. Contractor needs to submit in advance a list of ems to be imported monthly to DOTr, then DOTr will sue a Certificate of Undertaking to the Bureau of ustoms. ranite Stone Border to be used. Please refer to NSRP-WG-STA-AR-3502 Rev 21.3 in Addendum 3 or Vinyl Corner Guard Details, please refer to NSRP-WG-STA-AR-3503 Rev 21.3 in Addendum 3 SRP-DWG-ALA-AR-3569 to be revised as Rev 21.3 Addendum 3 or Flamed Granite Drain Gutter Details, please refer NSRP-DWG-STA-AR-3511 Rev 21.3 in Addendum

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-04	1,2	Volume 1, Section 4, Bill of Quantities No.1 & Volume 1, Section 4, Bill of Quantities No.8	19 of 130 & 128 of 130 &		GS118(13):		Bid
3-04	1,2	& Volume 2, Section 6, Employer's Requirement (ERQ), Appendix 2, Appendix 4	e 2, 6, er's nent pendix 24, 25, 27 of 30 (respectively)		Employer's Requirement, Appendix 2, no: 5 and no:7 & Appendix 4	3-Please clarify the following;	rela
S-04	2			Drawings - Structural Plans		In Specifications details to blow-lin details of stairs noting. Refer I	Foi ST.
S-04	2			Drawings - Structural Plans			She MU 3.
S-04		CP S04-07 Responses to Clarification Requests (Batch 2) & CP S04-07 Responses to Clarification Requests (Batch 5)	16 of 47 & 55 of 70	-	Clarification for Section 8 PCC page PCC-10 Part B - Specific Provision: The Works design is Detailed Design and the Bills of Quantities have been measured to reflect the Detailed Design. This means that with limited exclusions there will be no reason to remeasure the Works. Ad measurement is the measurement of change from the Detailed Design to the revised designs as instructed. This will not require wholesale remeasurement. & The quantity for this item is included under pay item 206(3)a. This is A7/T7 type of segmental Box Girder.	As per the Client's clarification of batch 5, the quantity of Fabrication and Erection of Structural Concrete Class 50 Mpa for Precast Segmental Box Girder (W=11.5m, H=2.4m) shall be included in 206(3)a of Fabrication and Erection of Structural Concrete Class 50 Mpa for Precast Segmental Box Girder (W=10.3m, H=2.4m). Moreover, as per the Client's clarification of batch 2, all quantities shall be measured to reflect the Detailed Design in BoQ. Unfortunately,according to our quantitiy surveying, the quantity of Fabrication and Erection of Structural Concrete Class 50 Mpa for Precast Segmental Box Girder (W=11.5m, H=2.4m) is not including in BoQ, 206(3)a. Please confirm.	11.: iten Add
S-04		NSCR-DWG- VIA00-ST-1351	Detail A	BOQ PART C: DRAINAGE WORKS (IN VIADUCT)	BOQ Item no. 112(1) - Removable Galvanised Steel Grate to top of bridge and viaduct decks		Ple Boy Gra Sh Ada



Packages	Vol	Saa	Dege No	Clause No./Title	Reference Text	Clarification	
Раскадея	V OI	Sec	Page No.	Clause No./ Thie	(if necessary)	Request	
S-04		NSRP-DWG- VIA00-ST-0422		PIER TYPE P3 CONCRETE DETAILS SHEET 2		DWG Nos. VIA00-ST-0782 & 0783 are missing. Please proviso dwg. nos.VIA00-ST-0782 & 0783	Pier pier "3. FOI - F( ST-( ST-( Add She addi
S-04	2		NSRP-DWG- VIA00-ST- 0402	NOTES: NO. 9		Please provide detail of Bird wire that will be installed along the perimeter at the top of the pier.	"Bi add She Add
S-04	2			Auxiliary Specifications	NSCR-DWG-ALA-EL	Please provide specification for Toilet Emergency Call	Refe
S-04	2					VIA00-1251 drawing cannot be found	Plea As f the f "VL NSI NSI NSI NSI NSI
S-04		NSRP-DWG- VIA00-ST-1271		Noise Barrier Details	note 5 - Contractor shall design and construct the parapet wall in accordance with the requirements of technical specification TS229	Please confirm design criteria/ requirement for the size and shape of the precast Parapet	Plea
S-04		Package 5 of GBB15		Achieving of KD02	Refer to the response in the GBB15 below, the bidder is required to complete Misc. Works which shall be completed	From the experience the protective concrete should be cast after the installation of the track slab. And the Precast parapet should not be a part of access requirement for either trackworks E&M Systems. Please confirm out interpretation is correct.	The on 1 Part

#### **Final Response**

ier Type P3 usually carries CIS bridges above the ier. Note shall be updated.

'3. FOR BEARING TYPE, REFER TO THE FOLLOWING BEARING SCHEDULE DRAWINGS: FOR THE PRECAST SEGMENTAL BRIDGES, FEFER TO VIA00-ST-0781 TO 0782. FOR CAST-IN SITU BRIDGES, REFER TO CISXX-T-0080. 'CISXX' DENOTES CIS NUMBER.

Note has been revised and issued as Rev 21.3 in ddendum 3 Sheet VIA00-ST-0782 has been issued as an dditional drawing on 19 March 2021.

*Bird wire detail to be provided by contractor'' shall be dded at the end of Note 9.* 

Sheet NSRP-DWG-VIA00-ST-0402 shall be revised in ddendum 3

efer tto TS716 in Addendum 3

lease clarify the details of the query.

As per checking with the following VIA00 Drawings, he note shown in the following were revised from VIA00-ST-1251" to "VIA00-ST-1271".

NSRP-DWG-VIA00-ST-1002 NSRP-DWG-VIA00-ST-1022 NSRP-DWG-VIA00-ST-1041 NSRP-DWG-VIA00-ST-1051 NSRP-DWG-VIA00-ST-1061

These 5 drawings have been revised as Rev 21.3

ease refer to TS229.

he bidder shall be required to complete items shown NSRP-DWG-VIA00-ST-0062including Precast Trapet and protective concrete.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05		NSCR-DWG- VIA00-ST-1351	Detail A	BOQ PART C: DRAINAGE WORKS (IN VIADUCT)	BOQ Item no. 112(1) - Removable Galvanised Steel Grate to top of bridge and viaduct decks	NSCR-DWG-VIA00-ST-1351, detail A shows removable galvanized mild steel grate but the table 1 -specification indicates the material is cast iron. Please clarify.	Plea BoQ Gran She Add
S-05		NSRP-DWG- VIA00-ST-0422		PIER TYPE P3 CONCRETE DETAILS SHEET 2		DWG Nos. VIA00-ST-0782 & 0783 are missing. Please provide dwg. nos.VIA00-ST-0782 & 0783	Pier pier. "3. FOI - F( REI - F( ST-( Not Add She
S-05	2		NSRP-DWG- VIA00-ST- 0402	NOTES: NO. 9		Please provide detail of Bird wire that will be installed along the perimeter at the top of the pier.	"Bit addo Dra in A
S-05	2	Volume 2				VIA00-1251 drawing cannot be found	Plea As f the f "VL NSI NSI NSI NSI NSI
S-05	1,2		BOQ PART B.12 and Drawing No. NSRP-DWG- BC08-ST-9050	POT BEARING- SEISMIC RESTRAINER AND BEARING	• · · · · · · · · · · · · · · · · · · ·	Drawings has Bridge BC08 but missing BOQ Items for Bridge BC08 - Pot Bearing Type S1 to S6. Please clarify.	BCU

#### **Final Response**

ease refer to TS 112.4.1 Steel Grating material for pQ item no. 112(1) Removable Galvanized Steel rates.

heet NSRP-DWG-VIA00-ST-1351 shall be revised in Idendum 3

er Type P3 usually carries CIS bridges above the er. Note shall be updated.

'3. FOR BEARING TYPE, REFER TO THE FOLLOWING BEARING SCHEDULE DRAWINGS: FOR THE PRECAST SEGMENTAL BRIDGES, EFER TO VIA00-ST-0781 TO 0782. FOR CAST-IN SITU BRIDGES, REFER TO CISXX T-0080. 'CISXX' DENOTES CIS NUMBER.

ote has been revised and issued as Rev 21.3 in Idendum 3 heet VIA00-ST-0782 has been issued in Addendum 3

Bird wire detail to be provided by contractor" shall be lded at the end of Note 9.

rawing NSRP-DWG-VIA00-ST-0402 shall be revised Addendum 3

ease clarify the details of the query.

Is per checking with the following VIA00 Drawings, be note shown in the following were revised from VIA00-ST-1251" to "VIA00-ST-1271".

SRP-DWG-VIA00-ST-1002 SRP-DWG-VIA00-ST-1022 SRP-DWG-VIA00-ST-1041 SRP-DWG-VIA00-ST-1051 SRP-DWG-VIA00-ST-1061

hese 5 drawings have been revised as Rev 21.3

C08 is not applicable in CP S-05.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-05		NSRP-DWG- VIA00-ST-1271		Noise Barrier Details	note 5 - Contractor shall design and construct the parapet wall in accordance with the requirements of technical specification TS229	Please confirm design criteria/ requirement for the size and shape of the precast Parapet	Plea
S-06		NSCR-DWG- VIA00-ST-1351	Detail A	BOQ PART C: DRAINAGE WORKS (IN VIADUCT)	BOQ Item no. 112(1) - Removable Galvanised Steel Grate to top of bridge and viaduct decks	NSCR-DWG-VIA00-ST-1351, detail A shows removable galvanized mild steel grate but the table 1 -specification indicates the material is cast iron. Please clarify.	Plea BoQ Gra Sha Ada
S-06		NSRP-DWG- VIA00-ST-0422		PIER TYPE P3 CONCRETE DETAILS SHEET 2	Note 3. For Bearing Type refer to DWG No.: VIA00-ST-0781 to 0783		Pier pier "3. FOI - F REI - F ST- Not Add Sha add
S-06	2		NSRP-DWG- VIA00-ST- 0402	NOTES: NO. 9		Please provide detail of Bird wire that will be installed along the perimeter at the top of the pier.	"Bi add Sho Ada
S-06				Site Data PNR documents	Site Data PNR documents	Please provide us a safe working distance from the center line of live PNR track	Plea
S-06		BC07 CIS80		Viaduct Section Property		Viaduct section for BC07 and CIS80-14 does not match which will meet on pier DAT-22	The BCC Ple con

#### **Final Response**

lease refer to TS229.

Please refer to TS 112.4.1 Steel Grating material for BoQ item no. 112(1) Removable Galvanized Steel Grates.

Sheet NSRP-DWG-VIA00-ST-1351 shall be revised in Iddendum 3

*ier Type P3 usually carries CIS bridges above the ier. Note shall be updated.* 

'3. FOR BEARING TYPE, REFER TO THE FOLLOWING BEARING SCHEDULE DRAWINGS: FOR THE PRECAST SEGMENTAL BRIDGES, EFER TO VIA00-ST-0781 TO 0782. FOR CAST-IN SITU BRIDGES, REFER TO CISXX T-0080. 'CISXX' DENOTES CIS NUMBER.

Note has been revised and issued as Rev 21.3 in Iddendum 3

Sheet VIA00-ST-0782 has been issued as an dditional drawing in Addendum 3

Bird wire detail to be provided by contractor" shall be dded at the end of Note 9.

Sheet NSRP-DWG-VIA00-ST-0402 shall be revised in addendum 3

Please refer to amended GS131.4.

*The cross section shown in BC07-ST-8001 is only for CO7-1 to BC07-6.* 

Please refer to NSRP-DWG-BC07-ST-8023 ontaining the correct pier sections for DAT-22.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
							Plea As j the i "VI
S-06	2					VIA00-1251 drawing cannot be found	NS NS NS NS
							Th Add
S-06		NSRP-DWG- VIA00-ST-1271		Noise Barrier Details	note 5 - Contractor shall design and construct the parapet wall in accordance with the requirements of technical specification TS229	Please confirm design criteria/ requirement for the size and shape of the precast Parapet	Plea
S-07	Volume 1A	Sec.4A BoQ	BOQ	Bill No.2 205(3) Geogrid, 75.0KN/m			Plea 75K
S-07	Volume 1	Sec.4A BoQ		D502(5) Soil Poisoning		Please provide the Technical Specifications of Soil Poisoning.	Use mai TS i
S-07	Volume 1	Sec.4A BoQ		Miscellaneous Works (Casework)			Ref deta
S-07	Volume 1	Sec.4A BoQ		Miscellaneous Works (Furniture & equipment)		Please provide tagging and legend of furniture and equipment lay-	Refe 385 AR-
S-07	Volume 1	Sec.4A BoQ		Miscellaneous Works (Furniture)			Ref 310
S-07	Volume 1	Sec.4A BoQ		Plumbing Fixture		Please specify which will govern for Plumbing Fixture : Water Closet : BOQ (Wall Discharge), Specification (Bottom Outlet) ; Urinal : BOQ (Floor Mounted), Specification (Wall Hung)	Tec late

# Final Response Hease clarify the details of the query. Is per checking with the following VIA00 Drawings, the note shown in the following were revised from VIA00-ST-1251" to "VIA00-ST-1271". VSRP-DWG-VIA00-ST-1002 VSRP-DWG-VIA00-ST-1002 VSRP-DWG-VIA00-ST-1022 VSRP-DWG-VIA00-ST-1051 VSRP-DWG-VIA00-ST-1051 VSRP-DWG-VIA00-ST-1061 Hease 5 drawings have been revised as Rev 21.3 in ddendum 3 Hease refer to TS229. Hease refer to updated BoQ. Pay item 205(3) Geogrid, 5KN/m = 61,838 sq.m

se non-repellent termiticide with colony elimination anagement to effect termite control solution. Updated S issued in Addendum 3

efer to NSRP-DWG-OCC-3581 rev21 for typical tails.

efer to NSRP-DWG-OCC-AR-3651, 3652, 3851 to 854; NSRP-DWG-LRS-AR-3851; NSRP-DWG-CNT-R-3851 as rev21.

efer to NSRP-DWG-WRS-AR-3501, CMV-AR-101,TMO-AR-3101, SH1-AR-3502 rev 21.3

cchnical Specification will prevail. Please refer to the test BOQ in Addendum 3

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07	Volume 2	Sec.4A BoQ & 02_Book 2 03_S07 ELEC		Sec.4A BoQ & NSRP-DWG-DEP- EL-5101_[21.1] Length of underground conduits		From the BOQ, the length of the 6.6kV cable route which is scope of work of civil works can be estimated to be 328m. (i.e. 2,624m/8 = 328m), whereas the length is about 78m according to the note in the NSRP-DWG-DEP-EL-5101, only h/h, m/h and underground conduit for crossing road are the scope of work of civil work. Please clarify what is the length of electrical 6.6kV cable route we need to undertake?	Plea Dev item PIN elec PIN Elec
S-07	Volume 2	Sec.4A BoQ		Sec.4A BoQ Underground Conduit		According to your answer on page.76 in GBB.14 (Batch6) about site development for electrical work, other underground electrical works which are not defined in the drawing, DEP-EL- 5101/5102/5103 [21.1] are work scope by others. Then, what is the scope of work for D707(4)b Underground Conduit in BOQ? If it is scope of our work, please specify the D707(4)b Underground Conduit in details instead of lot.	
S-07	Volume 2	Sec.4A BoQ		Sec.4A BoQ Bill no.4-2.20 CANTEEN		There are "Other Miscellaneous Works (Architectural Works)" BOQ item which are hidden in the row n.306 to no.308. Please confirm if the BOQ item is excluded from the quotation.	The in A
S-05		GBB No. 10 CP S04-07 Responses to clarification requests (Batch3)			Clarification request was as belows. "Please provide the detailed cross section drawings or earthwork calculation sheet to check the earthwork quantities and to establish the reuse and disposal plan." and the answer is as belows. "Please refer to GBB No. 07 for the CAD files. For information purposes only."	Regarding the above response, we couldn't find the detail CAD files for earthwork qunatity estimation. As you know, we need the cross section drawings for estimation of earthwork quantity along the SCRP alignment with every 10m or 20m. If it it is included in Addendum1, please indicate the file name, if it isn't please provide it for bidding.	1 1111
S-06		GBB No. 10 CP S04-07 Responses to clarification requests (Batch3)			Clarification request was as belows. "Please provide the detailed cross section drawings or earthwork calculation sheet to check the earthwork quantities and to establish the reuse and disposal plan." and the answer is as belows. "Please refer to GBB No. 07 for the CAD files. For information purposes only."	Regarding the above response, we couldn't find the detail CAD files for earthwork qunatity estimation. As you know, we need the cross section drawings for estimation of earthwork quantity along the SCRP alignment with every 10m or 20m. If it it is included in Addendum1, please indicate the file name, if it isn't please provide it for bidding.	
S-06		CP S-06 Vol.1A Sec.4A BOQ 20210118 CP S-06 Vol.2, Section 6, II Drawings(Viaduc t 06 maintenance road network)		206(6)i 206(9)d NSRP-DWG-VIA06- RD-2014		It is shown that the retaining wall quantity should be included in BOQ items 206(6)i and 206(9)d. However, the concrete strength such as 40MPa, or 28MPa is not specified for the retaining walls for structures shown in drawing NSRP-DWG-VIA06-RD-2014 Maintenance road retaining wall details. There are 2 types retaining walls (type1, type2) in the drawings. please provide the concrete strength for each items to measure the BOQ quantity of concrete for these structures.	

#### **Final Response**

ease refer to BOQ Bill No. 2 --- Earthworks /Site evelopment, Part F --- Miscellaneous Structures, pay ems as follows:

IN 145(1)a --- Conduit (80mm dia) for underground ectrical --- 378 l.m.

IN 145(3) --- Conduit (200mm dia) for Underground lectrical --- 1,008 l.m.

*y item D707(4)b --- Underground Conduit to be leted in the BOQ.* 

etails on the underground conduit layout will be ovided by CP NS-01 since final layout is part of their ope of work. Currently underground conduit in plans e indicative only.

he hidden row to be deleted and excluded on the BoQ Addendum 3

ivil CAD Drawings woul be Provided as Part of Idendum-3

ivil CAD Drawings woul be Provided as Part of Idendum-3

lease refer to ISRP-DWG-VIA06-RD-2014, 19 March 2021 rev I.2 and ISRP-DWG-BAN-CW-1914, rev 21.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-06		Volume 2, Drawing	NSRP-DWG- VIA00-ST- 1901	- LIGHTNING ARRESTER DETAILS		If so, please kindly advise which item within BOQ shall be associated with the lightning arrester work	Ligh (i.e. <sub>l</sub> Lig OTH
S-06		Volume 1A Section 4A	BoQ No. 6-1~4	Item No.713(8), 713(9) & 713(10)	Building Management System	Please provide the plan drawings and point schedule for Building Management System.	Refe CAE
S-06		Volume 2, Book2(Architectu ral), 03_S06 STRUC,CP S- 06_02_CAL_ST		NSRP-DWG-CAL- ST-4301, NSRP- DWG-STA-ST-4001		No.NSRP-DWG-STA-ST-4001 and TS-400_405.3.1.1_Table 405.1 Concrete Strength. We wonder if the strength of bored pile	The refer The ST-4 drav
S-06		Volume 1 & Section 4A		Bill No 6	Item 554(22)	Aluminum Shelves at Toilet $\rightarrow$ Kindly provide the detail drawings for the same.	Deta 3509
S-06		Volume 1 & Section 4A		Bill No 4	Item 536(7)	$I \rightarrow K$ individent confirm if the item is not required in the Stairs of	Bida the 1
S-06		Volume 2 Part 2 Sec. IC TS 500	TS 500 - 312&313	TS 500	Technical Specification Sec.532 Roll-Up Shutter Door	As per Tech. Specification Section 532 for Roll-up Shutter Door specified under Clause 532.2.2 Materials : 1) Shutter Components for Motor requirement is 110V. →Please verify this requirement as this is not recommended by Manufacturer specially for large size Roller Shutters.	It sh TS 5
S-06		Volume 1 & Section 4A		Bill No 4 - Item No 522(1) : Aluminum Ribbed Type Cladding on 2-12mm thk Gypsum Board on Drywall Stud Framing and Steel Supports at Opening of Stairway and Escalator Walls		Please provide details and location of the below BOQ requirement especially in BANLIC STATION. Aluminum ribbed can be found only in Escalator Walls as per DWG-STA-AR- 3522.	For refei loca
S-07		VOL. 2, Section 6 IC VOL. 2, Section 6 II	OCC-AR-3583	Canopy (Depot OCC Bldg.) Detail 1: Canopy Section Details Canopy	10+10mm Laminated Glass w/ Safety Film 10+10mm Laminated Glass w/ Safety Film 13mm thk. Laminated Tempered Glass on Aluminum Mullion Framing and Steel I-Beam Main Structural Support		1.) '' will

#### **Final Response**

*ightning Protection System Works in Viaducts .e.piers) are NOT part of Bidder's SOW.* 

Lightning Protection System Works will be BY DTHERS (i.e. E&M Contractor).

efer to the BMS I/O ist schedule. NSRP-DWG-CAB/BAN/CAL-EL-5802 v21.2

he concrete strength of the bore piles is 36 MPa as fered to on sheet NSRO-DWG-CAL-ST-4101 rev 21 he concrete strength indicated on NSRP-DWG-STA-T-4001 is used in the absence of strength on the main rawings.

etail will be added on sheet no. NSRP-DWG-STA-AR-509 Rev. 21.3

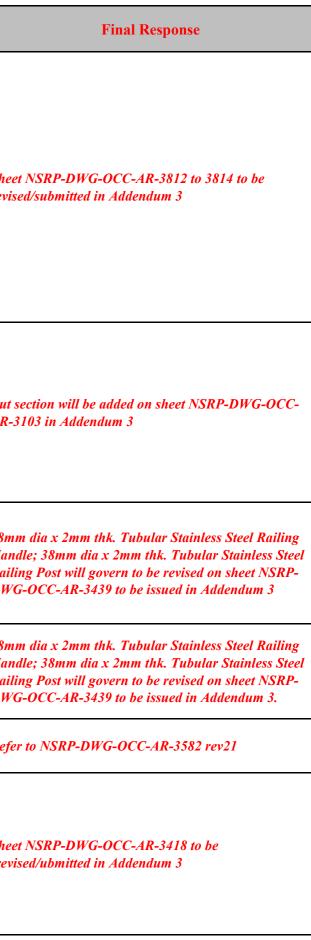
idder is advised that the pay item will be included in the BOQ in Addendum 3

should be 220 volts but still at Low Voltage. Updated S 500 (Sec. 532) will be issued in Addendum 3

*For Aluminum-ribbed type cladding details, please efer to NSRP-DWG-STA-AR-3522 Rev 21.3 For ocation, please refer to escalator openings.* 

.) "10+10mm thk" Laminated Glass with Safety Film ill govern. Refer to NSRP-DWG-OCC-AR-3311 rev21

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07		VOL. 2, Section 6 II	NSRP-DWG- OCC-AR-3811 to 3813 NSRP-DWG- OCC-AR-3601 to 3602	Schedule of Finishes Reflected Ceiling Plan Finishes: CF3 - 12mmthk Moisture-Resistant Gypsum Board on GA#24 Metal frames CF4 - 600 x 600 x 12mm Thk. Acoustic Ceiling Board with Foil backing		Ibacking with 1 /mmthk Moistlire-Resistant (-Wheilm Board	Shee revis
S-07		VOL. 2, Section 6 II	NSRP-DWG- OCC-AR-3103 NSRP-DWG- OCC-AR-3313	Second Floor Plan & Third Floor Plan Rooms 230/334: Clerk Rm. Bay Section: Stock Room @ 2nd & 3rd Floor			Cut AR-
S-07		VOL. 2, Section 6 II	NSRP-DWG- OCC-AR-3438 NSRP-DWG- OCC-AR-3439	Typical Ramp Detail Detail 2A	38mm dia x 2mm thk. Tubular Stainless Steel Railing Handle 38mm dia x 2mm thk. Tubular Stainless Steel Railing Post 38mm dia x 3mm thk. Tubular Stainless Steel Railing Handle 38mm dia x 3mm thk. Tubular Stainless Steel Railing Post	Please verify thickness of SS Handle and Rail	38m Han Rail DW
S-07		VOL. 2, Section 6 II	NSRP-DWG- OCC-AR-3439	Detail 1A Detail 1: Typical Staircase Details 4 to 10	38mm dia x 2mm thk. Tubular Stainless Steel Railing Handle 38mm dia x 3mm thk. Tubular Stainless Steel Railing Handle	Please verify thickness of SS Handle and Rail	38m Han Rail DW
S-07		VOL. 2, Section 6 II	NSRP-DWG- OCC-AR- 3411/3413	Plans	SS/Slop Sink	Please provide detailed drawing for Slop Sink	Refe
S-07		VOL. 2, Section 6 II	NSRP-DWG- OCC-AR-3418 NSRP-DWG- OCC-AR-3124	Schedule of Toilet Fixture and Accessories Ground Floor (Blow- up Plan) Part 2 of 2	Location: 127; 128; 205 126/204/304/404/504: Male Toilet 127/205/305/405/505: SPPS-9 129: Female Toilet	$1 \text{Accessories is Km} = \frac{126}{204} \frac{304}{404} \frac{304}{204} \frac{304}{204}$	Shee srev



Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07		VOL. 2, Section 6 II	1. NSRP-DWG- URS-AR-3601 2. NSRP-DWG- WRS-AR-3601 3. NSRP-DWG- CMV-AR-3601 4. NSRP-DWG- LOS-AR-3601 5. NSRP-DWG- DHS-AR-3601 6. NSRP-DWG-	9) Roofing works and exterior finishings	Accessories for Roof: a) Gutter Flashing: 1.2mm thk. Corrosion-Resistant Hot-Dip Zinc-Aluminum-Magnesium Alloy Coated Steel, Post- Formed, Welded Joint. d. Metal Flashing: 1.5mm thk. Stainless Steel Pre-Painted G.I. Flashing: 0.6mm thk. Alzinc Steel Sheet, Flourethane Pre-Painted	Please verify conflict between specifications and plans, which shall govern	Pre She be (
S-07		VOL. 2, Section 6 IC VOL. 2, Section 6 II	1 NSRP_DWG_	506 Meta fabrications 506 6 2 2 Materials	Drawings	Please verify conflict between specifications and plans, which shall govern	Noi stee sele NSI
S-07		VOL. 2, Section 6 II	NSRP-DWG-	Schedule of Toilet Fixture and Accessories Toilet Blow Up Plan Location: 218/220/323/324/418 /420/516/518 Mark 10: Shower Head Mark 11: Soap Dish		As per Second Floor to Fifth Floor Blow up Plan these Room. Nos. 218/220/323/324/418/420/516/518 are for Female/Male Toilet; Please verify conflict between Plan and Schedule of fixtures and accessories.	She revi

### **Final Response** re-Painted G.I. Flashing: 0.6mm thk. Alzinc Steel heet, Flourethane Pre-Painted will govern. This shall e added to TS-500 to be issued in Addendum 3 on-Slip Nosing: Non-Slip nosing shall be of stainless teel or aluminum with rubber, with the color to be elected by the Engineer (i.e. Architect). Refer to sheet SRP-DWG-STA-AR-3033 issued in Addendum 3 *heet NSRP-DWG-OCC-AR-3419 to be*

evised/submitted in Addendum 3

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07		VOL. 2, Section 6 II	NSRP-DWG- OCC-AR-3419 NSRP-DWG- OCC-AR-3413	Fixture and Accessories Toilet Blow Up Plan Location: 219/221/325/322/419 /420/517/519 Mark 1: Electric Hand Dryer (HD); Mark 2: Liquid Hand Dispenser (LHD); Mark 3: Toilet Paper Holder (TPH); Mark 4: Hook; Mark 5: Sanitary Napkin/ Tissue Dispenser; Mark 6: Mirror; Mark 7: Tissue & Napkin Vendo Machine; Mark 8: Lavatory; Mark 12: Water Hose:		As per Second Floor to Fifth Floor Blow up Plan these Room. Nos. 219/221/325/322/419/420/517/519 are for Female/Male Shower Room; Please verify conflict between Plan and Schedule of fixtures and accessories.	Sh re
S-07		Volume 02, _Book 2 (Architctural), 02_SO7 STRUC, CP-S 07_05_CMV_ST	NSRP -DWG- CMV-ST-4316	Catenary Maintenance Vehicle Shop Depot Structures Transition Beam at Slab on Fill - Dimension		<ol> <li>Please provide Width of Transition Slab</li> <li>Please verify reinforcement details of main bar.</li> </ol>	Th dra sla NS
S-07		Bid Bulletin 11, Volume 1, CP S- 07 Vol.1A Sec.4A BOQ 20210118	$I \mathbf{K} 1 \mathbf{I} \mathbf{I} \mathbf{N} 0 0 0_{-} \mathbf{I}$	Depot Sectioning Post BOQ	BOQ 514(1) Crystalline Cementitious Type Waterproofing; BOQ 514(2) Polyurethane Membrane System Waterproofing; BOQ 514(3) Asphalt Membrane Waterproofing.	Waterproofing is indicated in the BOQ, please specify location of each waterproofing material on drawings	Bi Aa

## Sheet NSRP-DWG-OCC-AR-3419 to be revised/submitted in Addendum 3

The width of the transition slab is 3000mm as per the drawing. The main reinforcements schedule of the slabs are also shown on the same sheet. Refer to sheet NSRP-DWG-CMV-ST-4316 rev 21.1

Bidder is advised that pay item will be removed in Addendum 3

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07		Volume 02, _Book 2 (Architectural), 02_SO7 ARCHI, CP-S 07_05_AR- CMV	NSRP-DWG- CMV-AR-3601 NSRP-DWG- CMV -AR- 3101	Catenary Maintenance Vehicle Shop Schedule of Doors Floor Plan		<ul> <li>Please verify conflict in Plan and Schedule of Doors.</li> <li>1. The door between the Workspace and the Vehicle shop is D4 not D1.</li> <li>2. There is no D2 on the schedule of doors, Toilet door is D1 not D2.</li> </ul>	She revi
S-07		Bid Bulletin 11, Volume 1, CP S- 07 Vol.1A Sec.4A BOQ 20210118	Bill No. 6-1	Doors and Windows Depot Sectioning Post BOQ		Please provide location of 106(1) Aggregate Subbase Course for Internal Road off Depot. It is not reflected on drawings.	This Roa 180. depo
S-07		Volume 2, 02 Book 2 (Architectural), 01_S07 ARCH, CP S- 07_27_AR_DSP Bid Bulletin 11, Volume 1, CP S- 07 Vol.1A Sec.4A BOQ 20210118	NSRP-DWG- DSP-AR-3011 Bill No. 6-1	Depot Sectioning Post Architectural - Site Development Plan Depot Sectioning Post BOQ D502(1) T=50mm, Plain Cement Troweled Finish with Hardener		Please confirm our understanding that the location of the D502(1) T=50mm, Plain Cement Troweled Finish with Hardener shall be the highlighted portion as shown.	Yes, rev2
S-07		Bid Bulletin 11,Volume 1, CP S-07 Vol.1ASec.4A BOQ20210118Volume 02,_Book 2(Architectural),02_SO7 ARCH,CP-S07_00_AR_DEPVolume 02,_Book 2(Architectural),02_SO7 STRUC,CP-S	NSRP-DWG- DEP-AR-3202 NSRP-DWG- CPS-ST-4101 NSRP-DWG- CPS-ST-4301	Bill of Quantities No.4-2.19 Depot Car Parking Shed	BOQ 408(1) Structural Steel, Furnished, Fabricated and Erected	We computed the structural steel based on the identified location on plan and we got high discrepancy between our estimate and BOQ Quantity. Please verify locations of Car Parking Shed (Covered) and BOQ Quantity of 118,590 kg.	Qua Fab Add

#### **Final Response**

heet NSRP-DWG-CMV-AR-3101 to be vised/submitted in Addendum 3

This is reflected in all drawing sections of Depot Roads. Please refer to RD-1602 to RD-1626 and RD-802. Aggregate sub-base course are applied to all Repot roads.

es, correct. Refer to sheet NSRP-DWG-DSP-AR-3011 ev21.2

Quantity of PIN 408(1) - Structural Steel, Furnished, Fabricated and Erected for 4-2.19 to be issued Iddendum 3.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
			NSRP-DWG- CMV-AR-3501				
S-07		Volume 02, _Book 2 (Architectural), 02_SO7 STRUC, CP-S 07 05 CMV ST		Catenary Maintenance Vehicle Shop Wall Finishes		Please provide pay item for 300mm x 600mm Glazed Ceramic Wall Tile	Plea
			NSRP-DWG- CMV-AR-3601	Schedule of Finishes			
S-07		Bid Bulletin 11, Volume 1, CP S- 07 Vol.1A Sec.4A BOQ 20210118		Bill of Quantities No.4-2.3 Catenary Maintenance Vehicle Shop	D537(8) 300 x 300 Glazed Ceramic Tile	Please provide location for 300 x 300 Glazed Ceramic Wall Tiles	Bida fron
S-07		Volume 02, _Book 2 (Architectural), 01_SO7 ARCH, CP S- 07_02_AR_LRS	NSRP-DWG- LRS-AR-3531	LRS - Wall Section and Details Wall with Gypsum Board		Please provide pay item for Single Wall 1-12mm thk Moisture and Fire-Resistant Gypsum and Rockwool Insulationon Standard Metal Framing.	Plea
		Volume 02, _Book 2 (Architectural), 01_SO7 ARCH, CP S-	NSRP-DWG- OCC-AR-3531	OCC Wall Section and Details Wall Finish		<ol> <li>Please provide details of Gypsum Board for Walls 5 and Wall</li> <li>in OCC Building.</li> </ol>	1) И
S-07		07_01_AR_OCC Bid Bulletin 11, Volume 1, CP S- 07 Vol.1A Sec 4A BOO	Bill No. 4-1.1	Wall with Gypsum Board			DW 2) 1
S-07		Volume 02, _Book 2 (Architectural), 02_SO7 STRUC, CP-S 07_05_CMV_ST	NSRP-DWG- CMV-AR-3501 NSRP-DWG- CMV-AR-3601	Catenary Maintenance Vehicle Shop Composite Metal Roofing			For DW
S-07		Volume 02, _Book 2 (Architectural), 02_SO7 STRUC, CP-S 07 05 CMV ST		Catenary Maintenance Vehicle Shop	*		Bida BOÇ

#### **Final Response**

lease refer to BoQ Bill 4-2.3 Pay item D541(1).

*Bidder is advised that the pay item will be removed rom BOQ in Addendum 3* 

lease refer to BoQ Bill 4-1.2 Pay item D537(8).

W5 and W7 were already provided on sheet NSRP-WG-OCC-AR-3531 rev21 ) Yes, it is included.

*For composite metal roofing, refer to sheet NSRP-WG-CMV-AR-3501 rev21* 

*Bidder is advised that the pay item will be included in BOQ in Addendum 3* 

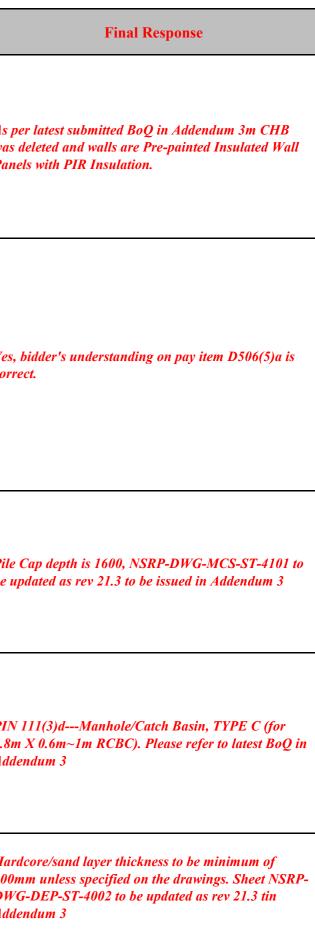
Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07		Volume 02, _Book 2 (Architectural), 02_SO7 STRUC, CP-S 07_01_AR- OCC	NSRP-DWG- OCC-AR-3101	OCC Building	Steel Access Hatch	Please provide pay item for 800mm x 800mm Stainless Steel Access Hatch in Basement	Bida BO <u>Ç</u>
S-07		Volume 02, _Book 2 (Architectural), 02_SO7 STRUC, CP-S 07_01_AR- OCC	NSRP-DWG- OCC-AR-3521	OCC Building Ceiling Access Panel		Please provide pay item for Ceiling Access Panel.	Bidd BOQ
S-07		Volume 02, _Book 2 (Architectural), 02_SO7 STRUC, CP-S 07_02_AR- LRS	NSRP-DWG- LRS-AR-3521 NSRP-DWG- LRS-AR-3812	LRS - Reflected Ceiling Plan	Ceiling Access Panel	Ceiling Access Panel Details are provided, but are not shown on Refelected Ceiling Plan. Please provide location and pay item for Ceiling Access Panel.	1) La DW( 2) B in B(
S-07		Bid Bulletin 11, Volume 1, CP S- 07 Vol.1A Sec.4A BOQ 20210118 Volume 2, 02 Back 2	NSRP-DWG- DSP-AR-3601	Bill No. 6-1 Depot Sectioning Post Schedule of Doors and Windows BOQ D528(18) W4 for S.Depot		Please verify conflict between Width of W4 as shown on BOQ and Schedule of doors and windows. Which shall govern	This subn
		Book 2 (Architectural), 01_S07 ARCH, CP S- 07_27_AR_DSP Bid Bulletin 11,		Sectioning Post: W1400 2500mm x H650mm, Double Paned Awning Type Window , Powder Coated Aluminum			
S-07		Volume 1, CP S- 07 Vol.1A Sec.4A BOO	Bill No. 6-1	Depot Sectioning Post BOQ	D502(3)d T=200mm, Tampered Concrete Including Wire Mesh with Hardener	Please provide location of D502(3)d T=200mm, Tampered Concrete Including Wire Mesh with Hardener.	The advis
S-07		Bid Bulletin 11, Volume 1, CP S- 07 Vol.1A Sec.4A BOQ 20210118 Volume 2, 02 Book 2 (Architectural), 02 S07 STRUC,	Bill No. 6-1 NSRP-DWG- DSP-AR-3601	Depot Sectioning Post BOQ Depot Sectioning Post Structural	D522(1) 4mm Thk. Nano Finish Aluminum Composite Material	Please verify conflict between Drawings and BOQ, in Plans is Pre-painted Insulated Wall Panels with PIR Insulation while in BOQ is 4mm Thk. Nano Finish Aluminum Composite Material. Which shall govern	The advis

Final Response
dder is advised that the pay item will be included in OQ in Addendum 3
dder is advised that the pay item will be included in DQ in Addendum 3
WG-LRS-AR-3812 will be issued in Addendum 3 Bidder is advised that the pay item will be included
DQ in Addendum 3 Location of access panel to be added to sheet NSRP- WG-LRS-AR-3812 will be issued in Addendum 3 Bidder is advised that the pay item will be included BOQ in Addendum 3

he item was removed from the BOA. Bidder is lvised to refer to the updated BOQ in Addendum 3

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
		Bid Bulletin 11, Volume 1, CP S- 07 Vol.1A Sec.4A BOQ 20210118		Depot Sectioning Post BOQ		1. Please verify material for wall. As per drawings, the wall shall	11 As
S-07		Volume 2, 02 Book 2 (Architectural), 02_S07 STRUC, CP S-	NSRP-DWG- DSP-AR-3201	412(4) CHB Wall, Non-Load Bearing, (Including Reinforcing Steel); t=150mm		be composite metal. 2. Please provide location of BOQ 412(4) CHB Wall, Non-Load Bearing, (Including Reinforcing Steel); t=150mm.	was Pan
S-07		Bid Bulletin 11, Volume 1, CP S- 07 Vol.1A Sec.4A BOQ 20210118 Volume 2, 02 Book 2 (Architectural), 02_S07 STRUC, CP S- 07_27_DSP_AR	NSRP-DWG- DSP-AR-3201	Bill No. 6-1 Depot Sectioning Post BOQ D506(5)a Access Ladder with Steel Handrail for Exterior		Access Ladder with Steel Handrall for Exterior shall be the	Yes, corr
				Maintenance Ladder			
S-07		Bid Bulletin No. 11, Volume 2, 02_Book 2, CP S- 07_11_MCS_ST	4101_[21.1]	Maintenance Car Shop - Pile Setout Plan Maintenance Car Shop - Structural Thickness of Pile		Please verify conflict in thickness of Pile Cap. As specified on schedule, T=1200mm but as shown on elevation, it is 1600mm.	Pile be 1
				Cap NSRP-DWG-DEP-			
S-07		Volume 2, Book 1(Civil), 04_CP S- 07_DPSFE	Page 12 of 214	DR-2016 NSRP-DWG-DEP- DR-2007		Please provide pay item for Manhole/ Catch Basin, TYPE C (for 0.8m X 0.8m RCBC)	PIN 0.8n Add
S-07		Volume 2, Book 2(Architectural), 02_S- 07_STRUC, S07_00-DEP-ST	NSRP-DWG- DEP-ST-4002	General Notes	<ul> <li>6.21 Place a minimum 50mm thk concrete blinding layer under all concrete cast against ground.</li> <li>6.22 Where noted on Darwings, reinforced concrete pavement and slabs on grades shall have a single layer of 0.25mm polyethelene sheet laid over sand blinding on compacted hardcore layer. Hardcore layer thickness to be specified by the Engineer</li> </ul>	It is our understanding that all concrete blinding layer shall include compacted hardcore/ sand layer. Please provide hardcore/sand layer thickness	Haı 100 DW Ada



Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-07		Volume 2, Book 1(Civil), 04_CP S- 07_DPSFE		NSRP-DWG-DEP- DR-2015 NSRP-DWG-DEP- DR-2005 Manhole/ Catch Basin, TYPE I (for 1.2m X 1.2m RCBC)		Please provide pay item for Manhole/ Catch Basin, TYPE I (for 1.2m X 1.2m RCBC)	PIN 1.2n issue
S-07		Volume 2 Electrical Bid Drawings	NSRP-DWG- OCC-EL-5681 NSRP-DWG- LRS-EL-6110 NSRP-DWG- URS-EL-5681 NSRP-DWG- WRS-EL-6110 NSRP-DWG- CMV-EL-5061 NSRP-DWG- LOS-EL-5061 NSRP-DWG- LGS-EL-5061 NSRP-DWG- TGB-EL-5061 NSRP-DWG- TMO-EL-5061 NSRP-DWG- MCS-EL-5061 NSRP-DWG- MCS-EL-5061 NSRP-DWG- MCS-EL-5061 NSRP-DWG- MCS-EL-5061 NSRP-DWG- WPH1-EL- 5051 NSRP-DWG- WPH2-EL- 5051 NSRP-DWG-	Fire Alarm Detection System Fire Alarm Wiring Schedule Label (Common to all FDAS Drawings)		Wires and conduits to be used for FDAS are reflected in Drawing. Kindly provide pay item for the Legend C&D	Wor Leg PIN PIN Leg (Un D70 PIN
S-07		Vol. 2, Sec. 2, Book 2 (Architectural), 03_S07 ELEC	NSRP-DWG- OCC-EL-5669 to 5680	CP S- 07_EL_01_OCC ECB for Air conditioning Units		<ul><li>Air Conditiong Units and Ventilation Fans has no provision for ECB.</li><li>1. Please verify Panel Load Schedule.</li><li>2. Please provide pay item.</li></ul>	1.Re 505. prov
S-07		Volume 02, _Book 2 (Architectural), 01_SO7 ARCH, CP-S 07_01_AR- OCC	NSRP-DWG- OCC-AR-3411	Toilet Blow-Up Plan Louvered Door for Slop Sink		Please provide pay item.	Bida the i



idder is advised that the pay item willbe included in the updated BOQ in Addendum 3

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-04		Volume 2			NSCR-DWG-PSS7 NSCR-DWG-PSS8 NSCR-DWG-PSS9	Please confirm if the transmission of the "failure" or "discharge" signal from the FASSP to the OCC(Via SCADA) is wireless or wired.	Fire FAC scaa 7-9
S-04		Volume 2		Power Distribution Board		Please confirm if the UPS will be incorporated in LP UPS in BOQ.	UPS Una PIN Una PIN
S-05		Volume 2		Power Distribution Board		Please confirm if the UPS will be incorporated in LP UPS in BOQ.	UPS Und PIN Und PIN Und PIN Und PIN
S-06		Volume 2		Power Distribution Board		Please confirm if the UPS will be incorporated in LP UPS in BOQ.	UPS Und PIN Und PIN Und PIN

#### **Final Response**

*The Suppression Control Panel is connected to FACP. CACP to transmit "failure" or "discharge" to OCC via cada is wired. JDT to update sheet NSRP-DWG-PSS--9 FS-6608, FS-661 1 as Rev 21.3 in Addendum 3* 

**PS** is already included in the pay items as follows:

Under Bill No. 4-1 PIN 706(11)am --- ALA - LP UPS incl 30kVA UPS

Under Bill No. 4-2 PIN 706(12)ag --- MUN - LP UPS incl 30kVA UPS

**PS** is already included in the pay items as follows:

Under Bill No. 4-1 PIN 706(13)ak --- SPO - LP UPS incl 30kVA UPS

Under Bill No. 4-2 PIN 706(14)ae --- PTA - LP UPS incl 30kVA UPS

Under Bill No. 4-3 PIN 706(15)ah --- BIN - LP UPS incl 30kVA UPS.

Under Bill No. 4-4 PIN 706(16)ae --- SRO - LP UPS incl 30kVA UPS

**PS** is already included in the pay items as follows:

Under Bill No. 4-1 PIN 706(17)ao --- CAB - LP UPS incl 30kVA UPS

Under Bill No. 4-2 PIN 706(18)ae --- BAN - LP UPS incl 30kVA UPS

Under Bill No. 4-3 PIN 706(19)an --- CAL- LP UPS incl 30kVA UPS.

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-04		Vol. 1 Section 4 Bidding Forms	BF 9	Schedule of Payment Currencies			Bida Sum indi
S-04		Vol. 1 Section 4 Bidding Forms	BF 3	Letter of Bid / Clause (c)	<u>The total bid price from the Summary of Bill of Quantities</u> should be entered by the Bidder inside this box.	<ul> <li>It is kindly requested to clarify below :</li> <li>1) The total bid price from the Summary of Bill of Quantities of Clause (c) of Letter of Bid, Page No. BF 3 of Section 4 Bidding Forms, Volume 1.</li> <li>2) The Total Bid Price from the Summary of Total Bid Price in Section 4A Bill of Quantities, Volume 1.</li> <li>3) The Total Bid Price from General Summary (Bill No.1 through Bill No. 8) in Section 4A Bill of Quantities, Volume 1.</li> <li>Bidder's understanding is that Total Bid Price of above 1), 2) and 3) shall be same. Please clarfy whether it is correct or not.</li> </ul>	Bidd
S-05		Vol. 1 Section 4 Bidding Forms	BF 9	Schedule of Payment Currencies		In reference to Schedule of Payment Currencies of Section 4 Bidding Forms of Volume 1, Page No. BF 9, Bidder's understanding is that VAT(12%) shall not be included in Net Bid Price and BID PRICE in the table.	Bida Sum indio
S-05		Vol. 1 Section 4 Bidding Forms	BF 3	Letter of Bid / Clause (c)	The total bid price from the Summary of Bill of Quantities should be entered by the Bidder inside this box.	<ul> <li>It is kindly requested to clarify below :</li> <li>1) The total bid price from the Summary of Bill of Quantities of Clause (c) of Letter of Bid, Page No. BF 3 of Section 4 Bidding Forms, Volume 1.</li> <li>2) The Total Bid Price from the Summary of Total Bid Price in Section 4A Bill of Quantities, Volume 1.</li> <li>3) The Total Bid Price from General Summary (Bill No.1 through Bill No. 8) in Section 4A Bill of Quantities, Volume 1.</li> <li>Bidder's understanding is that Total Bid Price of above 1), 2) and 3) shall be same. Please clarfy whether it is correct or not.</li> </ul>	Bidd
S-05		Vol 2, Sec 6 II drawing Structural SRO_ST	60, 65	Soil cement column	Drawing No. : NSRP-DWG-SRO-ST-4601_[21.1] NSRP-DWG-SRO-ST-4621_[21.1]	Please clarify the discrepancy in the drawing as below. - in NSRP-DWG-SRO-ST-4601_[21.1] : Dimension of P1 : 1500mm P2 : 1 200mm	Dra SR(

#### **Final Response**

idder is advised to consistently follow the BoQ ummary of Bid Price for input of this table with clear adication of VAT inclusive or exclusive for each item.

idder's understanding is correct

idder is advised to consistently follow the BoQ ummary of Bid Price for input of this table with clear idication of VAT inclusive or exclusive for each item.

*Sidder's understanding is correct* 

rawings to follow P1:1000mm. Sheet NSRP-DWG-RO-ST-4601 to be updated as rev 21.3

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	
S-06		Vol. 1 Section 4 Bidding Forms	BF 9	Schedule of Payment Currencies			Bidd Sun indi
S-06		Vol. 1 Section 4 Bidding Forms	BF 3	Letter of Bid / Clause (c)	The total bid price from the Summary of Bill of Quantities should be entered by the Bidder inside this box.	<ul> <li>It is kindly requested to clarify below :</li> <li>1) The total bid price from the Summary of Bill of Quantities of Clause (c) of Letter of Bid, Page No. BF 3 of Section 4 Bidding Forms, Volume 1.</li> <li>2) The Total Bid Price from the Summary of Total Bid Price in Section 4A Bill of Quantities, Volume 1.</li> <li>3) The Total Bid Price from General Summary (Bill No.1 through Bill No. 8) in Section 4A Bill of Quantities, Volume 1.</li> <li>Bidder's understanding is that Total Bid Price of above 1), 2) and 3) shall be same. Please clarfy whether it is correct or not.</li> </ul>	Bida

#### **Final Response**

Bidder is advised to consistently follow the BoQ Summary of Bid Price for input of this table with clear Indication of VAT inclusive or exclusive for each item.

*Sidder's understanding is correct*