



General Bid Bulletin No. 15
23 June 2021

RESPONSES TO CLARIFICATIONS

IFB No. 21-058-5; South Commuter Railway Project for Package Number CP S-03b; Civil Engineering, Tunnel and Building Works for Approximately 6.1km Railway with 4.7km of Underground Railway and 1.4km of At-Grade Railway, Including FTI Station and Tunnelling Works to Connect to MMSP Senate Station

TO ALL PROSPECTIVE BIDDERS:

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

1. **Annex "A"** – CP S03B Responses to Clarification Requests (Batch 6)

For the information and guidance.

For the Bids and Awards Committee V,

SIGNATURE REDACTED

JULIUS M. SANTOS
Chairperson

General Bid Bulletin No. 15
CP S03B Responses to Clarification Requests (Batch 6)

No.	Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Collated Response
1	S03B	Volume 1A	Section 4A Bill of Quantities	Bill No. 5	Item No. 405(1)A Structural Concrete, Class "AAA" (36 Mpa) for Pile Cap/Footing	N/A	In the Detailed Design Structural Drawing for the at-grade station, there are no pile caps indicated. Kindly provide location and details for this item.	No pile cap is required . PIN 405(1)a --- Structural Concrete, Class "AAA" (36 Mpa) for Pile Cap/Footing will be removed in the BOQ and amended with Bid Addendum 3.
2	S03B	Volume 1A	Section 4A Bill of Quantities	Bill No. 5	Item No. 408(8) Structural Steel (For Elevator Frame)	N/A	In the Detailed Design Structural Drawing for the at-grade station, there are no details for the structural framing of the elevator. Please provide.	For the Structural Framing of Elevator Bidder is referred to NSRP-DWG-FTI-ST-4471, 4472, and 4473 rev 21.3 which will be issued with Bid Addendum 3.
3	S03B	Volume 1A	Section 4A Bill of Quantities	Bill No.5	Pay Item No. 549(2) FF9 Floor, Access Flooring for Equipment Room:	N/A	Please provide drawings and/or details for Access Flooring for Equipment Room.	PIN 549(2) --- FF8 Floor: Access Flooring for Equipment Room: 500mm High Raised Floor System with 600 x 600 Panels and Anti-Static Vinyl Covering and Epoxy Coating (Dust Proofer) on Under Floor. Please refer to drawing detail NSRP-DWG-STA-AR-3501, rev 21 March 2021. The BoQ to be updated and issued with an upcoming Bid Addendum 2.
4	S03B	Volume 1A	Section 4A Bill of Quantities	Bill No.5	Pay Item 548(7) Fireproofing (Intumescent Paint for Metal/Steel)	N/A	Please provide drawings and/or details for Fireproofing.	Wall type details refer to NSRP-DWG-STA-AR-3510 and 3503 rev 21, date March 2021; For fireproofing drawings refer to NSRP-DWG-FTI-AR-3901-3905 rev 21.2 dated 20 May 2021; Drawing sheet no. NSRP-DWG-FTI-AR-3431-3435 will be revised and issued with Bid Addendum 3. For Fireproofing details, refer to TS 518.2.2 (Materials) As a result the BOQ will also be revised and issued with a future Bid Addendum 3. Revision 21.2 drawings are included in Bid Addendum 2.
5	S03B	Volume 1A	Section 4A Bill of Quantities	Bill No.5	Pay Item No. 548(S) High Performance Urethane Coatings	N/A	Please provide location drawings and/or specifications of High Performance Urethane Coatings.	See drawing details : NSRP-DWG-FTI-AR-3641-3645, rev 21.2 dated 20 May 2021; For specification of Urethane, refer to TS 547.6.3 (Materials-Coatings) BOQ will be revised and issued with a future Bid Addendum 2. Revision 21.2 drawings are included in Bid Addendum 2.
6	S03B	1.3 CP S-03b Vol 1A	Sec 4A BOQ 20210406	Bill No. 6a	Item No. 528(35)l	N/A	Please specify location of W12: W=4050mm x H=1650mm Fixed Steel Louver for West Station Plaza.	Schedule W12 was removed due location will be having duct works equipments. See window schedule NSRP-DWG-FTI-AR- 3563, rev 21.2 dated 20 May 2021. Pay item 528(35)l will be deleted in Bill 6a in the BOQ and submitted with Bid Addendum 2.
7	S03B	Volume 1	Section 4A	-	Bill of Quantities	Item: Reinforcing Steel (in general)	Please confirm that overlap (lap splicing), stirrup, spiral, etc. are also considered in given Reinforcing Steel Quantities	Reference is made to: TS 207.9.1 Reinforcing Steel Method of Measurement: The additional reinforcing steel required for splices that are not shown in the contract documents, but are authorized as provided herein, shall not be included. TS 207.7.1 General: All reinforcement shall be furnished in the full lengths specified in the contract documents, unless otherwise permitted or where splices are shown on the Drawings. Except for splices specified in the contract documents and splices for 16 mm diameter or smaller bars, splicing of bars shall not be permitted without written approval by the Engineer. Splices shall be staggered as far as possible. Note: If the splice is shown in the drawings it is included in Reinforcement Steel quantities."

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8	S03B	General Bid Bulletin No. 5 (11 May 2021)			Geotechnical Investigation Report		<p>We have checked the available geotechnical information provided in GBB No.5 (https://bit.ly/3ew0ju) The Geological Report belongs to the main train line. Less information is provided in current geological profile (P2_S6_II(DWG)_31Mar2021_10_GEO) for the TBM works. Because the alignments of the main train line and the TBM are different, thus borehole locations are not close to each other for most of the line (Fig - 1, railway line marked with red). Secondly, the boreholes covered in the report does not go deep enough to cover the TBM line (Fig-2 shows a section of the geological report for both lines. Purple line is the tunnels approximate depth).</p> <p>On the geological profile drawing (P2_S6_II(DWG)_31Mar2021_10_GEO), only geological formations, water level and RQD values (changes between 0-90 for sandstone) are present. This information definitely will not be enough and we will need geotechnical parameters for the alignment as well as core photos. There might be a separate geological report created for this project which was not shared.</p> <p>Please provide the geological report providing additional information and parameters at the TBM route and depth with borehole core photos.</p>	Additional Geotechnical Data has been uploaded in the Site Data following Bid Addendum 1 and Bid Addendum 2
9	S03B	Volume 2		21 - 23	NSRP-DWG-FTI-AR-3106 to 3108	Basement 2 - Platform, Ground Floor - Entrance 2	Is there a need to provide signages like Station Name Signage, Directional Signage, Map Signage, Area Map and Timetable Signage? Not indicated @ Signage layout	Yes, this is necessary and is part of the Design and Build Scope. Reference is made to the Outline Design Specifications, including the relevant building codes and standards.
10	S03B	Volume 2		21 - 23	NSRP-DWG-FTI-AR-3106 to 3108	Basement 2 - Platform	Is there a need to provide Tactile Hazard Markings/Warning Strips on Basement 2 Platform? Not reflected on drawings	Yes, this is necessary and is part of the Design and Build Scope. Reference is made to the Outline Design Specifications, including the relevant building codes and standards.
11	S03B	Volume 2		21 - 23	NSRP-DWG-FTI-AR-3106 to 3108	Basement 2 - Platform, Basement 1, Ground Floor - Platform	Is there a need to provide Audible Indicators @ Escalators, Visual and Aural acknowledgement @ Lifts (For Handicapped Person), detectable warning systems at Platform Edge and Guards Indicator? Not indicated @ Drawings	Bidder has to comply with relevant Philippine codes, including Accessibility Law of the Philippines, and other relevant codes as listed in the Specifications.
12	S03B	Volume 2		21 - 23	NSRP-DWG-FTI-AR-3106 to 3108	Basement 2 - Platform	Is there an Underground Storage Tanks for FTI Station?	Bidder is requested to clarify and be more specific in what Underground Storage Tanks he refers to.
13	S03B	Volume 2		16	NSRP-DWG-FTI-AR-3101	Ground Floor - Platform	Platform railing barriers not reflected on plan	For the railings at Platform refer to NSRP-DWG-FTI-AR-3304 and 3428, rev. 21.2 dated May 2021. Both drawings have been issued with Bid Addendum 2.
14	S03B	Volume 2		16	NSRP-DWG-FTI-AR-3101	Ground Floor - Platform	Is there a need to provide Seating Areas with Wheelchair space for handicapped?	"Please refer to drawing sheet no. : NSRP-DWG-FTI-AR-3621, rev.21.2 dated 20 May 2021; NSRP-DWG-FTI-AR-3624,rev.21.2 dated 20 May 2021." Both drawings have been issued with Bid Addendum 2.
15	S03B	Volume 2		16	NSRP-DWG-FTI-AR-3101	Ground Floor - Platform	Is there a need to provide Drainage @ Island Platform	Please refer to NSRP-DWG-FTI-AR-3601, rev. 21.2 dated 20 May 2021
16	S03B	Volume 2		25	NSRP-DWG-FTI-AR-3110	Ground Floor - Entrance 1 Main Building NSRP Office	Is there a need to provide Car Parking, Bicycle Parking & Motorcycle Parking?	Car parking and bicycle parking shall be provided. Please refer "24. INTERMODAL TRANSFER FACILITY" of the Outline Design Specification.
17	S03B	Volume 2		28	NSRP-DWG-FTI-AR-3113	Ground Floor - Entrance 3	Is there a need to provide Tactile Strip from Main Entrance going to Stairs and Elevator? Not reflected on plan	Ground Floor Entrance 3 Tactile strip refer to NSRP-DWG-FTI-AR-3523, rev. 21.3 which will be issued with Bid Addendum 3 & NSRP-DWG-FTI-AR-3543, rev 21.2 dated 20 May 2021.
18	S03B	Volume 2		28	NSRP-DWG-FTI-AR-3113	Ground Floor - Entrance 3	Is there a need to provide Exit Signage and Emergency Exit routes signage? Not reflected on plan	Please refer to NSRP-DWG-FTI-AR-3631-3635, rev. 21.3 which will be provided with Bid Addendum 3.
19	S03B	Volume 1 & 2		27 & 9	Bill of Quantities no. 5; NSRP-DWG-FTI-AR-3033	Floor Finishes	FF3 - Discrepancy in Specification between description on BOQ and FTI Station Finishes Sheet	<p>"The description of FF3 in drawing NSRP-DWG-FTI-AR-3033 is revised to match the description for PIN 537(6) in the BoQ, as follows:</p> <p>FF3 Floor: 300 x 300 x 9.5mm Homogeneous Unglazed Ceramic Floor Tiles</p> <p>The BOQ and drawing NSRP-DWG-FTI-AR-3033 will be updated and provided with Bid Addendum 3.</p>
20	S03B	Volume 1 & 2		27 & 9	Bill of Quantities no. 5; NSRP-DWG-FTI-AR-3033	Floor Finishes	FF4 - Discrepancy in Specification between BOQ and FTI Station Finishes Sheet	<p>"The description of FF4 in drawing NSRP-DWG-FTI-AR-3033 rev.21.2 is revised to match the description for PIN 537(1) in the BoQ, as follows:</p> <p>FF4 Floor: 600 x 600 x 9.5mm Double Charged Vitrified Ceramic Floor Tile</p> <p>The BOQ and drawing NSRP-DWG-FTI-AR-3033 will be updated and provided with Bid Addendum 3.</p>
21	S03B	Volume 1 & 2		27 & 9	Bill of Quantities no. 5; NSRP-DWG-FTI-AR-3033	Floor Finishes	FF5- Different Specification between BOQ and FTI Station Finishes Sheet	<p>"The description of FF5 in drawing NSRP-DWG-FTI-AR-3033 is revised, as follows:</p> <p>FF5 Floor: 300 x 600 x 30mm Non-Skid Polished Granite Stone</p> <p>The BOQ and drawing NSRP-DWG-FTI-AR-3033 will be updated and provided with Bid Addendum 3.</p>

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22	S03B	Volume 1 & 2		27 & 9	Bill of Quantities no. 5; NSRP- DWG-FTI-AR- 3033	Floor Finishes	FF7 - Discrepancy in Specification between BOQ and FTI Station Finishes Sheet	"The description of FF7 in drawing NSRP-DWG-FTI-AR-3033 is revised, as follows: FF7 Floor: 150mm High Raised Access Floor System with 600 x 600mm Panels and Anti-Static Vinyl Covering and Epoxy Coating (Dust Proofer) on Underfloor The BOQ and drawing NSRP-DWG-FTI-AR-3033 will be updated and provided with Bid Addendum 3.
23	S03B	Volume 1 & 2		27 & 9	Bill of Quantities no. 5; NSRP- DWG-FTI-AR- 3033	Floor Finishes	FF9- Different Specification between BOQ and FTI Station Finishes Sheet	"The description for FF9 in the drawing NSRP-DWG-FTI-AR-3033 is correct. The BOQ and drawing NSRP-DWG-FTI-AR-3033 will be updated and provided with Bid Addendum 3, with description as follows: PIN 502(1) --- FF9 Floor: 300mm Cinder Concrete False Floor in Epoxy Coating Finish with Concrete Hardener"
24	S03B	Volume 1 & 2		27 & 9	Bill of Quantities no. 5; NSRP- DWG-FTI-AR- 3033	Floor Finishes	FF10- Different Specification between BOQ and FTI Station Finishes Sheet	"The description of FF10 in drawing NSRP-DWG-FTI-AR-3033 is revised, as follows: FF10 Floor: 300 x 300 x 30mm Granite Matte Finished Warning Tactile Blocks PIN 537(8) under Bill 5 will be updated in BOQ and drawing NSRP-DWG-FTI-AR-3033 and provided with Bid Addendum 3.
25	S03B	Volume 1 & 2		27 & 9	Bill of Quantities no. 5; NSRP- DWG-FTI-AR- 3033	Floor Finishes	FF13- Different Specification between BOQ and FTI Station Finishes Sheet	"The description of FF13 in drawing NSRP-DWG-FTI-AR-3033 is revised, as follows: FF13: Waterproofing PINs 514(1) & 514(2) under Bill 5 will be updated in BOQ and drawing NSRP-DWG-FTI-AR-3033 and provided with Bid Addendum 3.
26	S03B	Volume 1 & 2		27 & 9	Bill of Quantities no. 5; NSRP- DWG-FTI-AR- 3033	Floor Finishes	FF15- Different Specification between BOQ and FTI Station Finishes Sheet	"The description of FF15 in drawing NSRP-DWG-FTI-AR-3033 is already revised, as follows: FF15 Floor: 300 x 800 x 30mm thick Non-Slip Precast Tile PIN 537(12) under Bill 5 will be updated in BOQ and drawing NSRP-DWG-FTI-AR-3033 and provided with Bid Addendum 3.
27	S03B	Volume 1 & 2		29 & 9	Bill of Quantities no. 5; NSRP- DWG-FTI-AR- 3033	Ceiling Finishes	CF1 - Discrepancy in Specification between description on BOQ and FTI Station Finishes Sheet	"The description of CF1 in drawing NSRP-DWG-FTI-AR-3033 is revised, as follows: CF1 Ceiling: Painted Soffit of Slab / Beam PIN 548(2) under Bill 5 will be updated in BOQ and drawing NSRP-DWG-FTI-AR-3033 and provided with Bid Addendum 3.
28	S03B	Volume 1 & 2		29 & 9	Bill of Quantities no. 5; NSRP- DWG-FTI-AR- 3033	Ceiling Finishes	CF2- Different Specification between BOQ and FTI Station Finishes Sheet	"The description of CF2 in drawing NSRP-DWG-FTI-AR-3033 is revised, as follows: CF2 Ceiling: 600 x 600 x 15mm thick B15 Acoustic Infill Metal Ceiling Boards with Ceiling Trim CF2 is NOT USED / APPLIED in any area (i.e. deleted in the BOQ) and will be updated in BOQ and drawing NSRP-DWG-FTI-AR-3033 and provided with Bid Addendum 3.
29	S03B	Volume 1 & 2		29 & 9	Bill of Quantities no. 5; NSRP- DWG-FTI-AR- 3033	Ceiling Finishes	CF6 - Different Specification between BOQ and FTI Station Finishes Sheet	"The description of CF6 in drawing NSRP-DWG-FTI-AR-3033 is revised, as follows: CF6 Ceiling: 600 x 600mm Light Weight Aluminum Clip-On Type Metal Ceiling PIN 544(8) will be updated in BOQ and drawing NSRP-DWG-FTI-AR-3033 and provided with Bid Addendum 3.
30	S03B	Volume 1 & 2		28 & 9	Bill of Quantities no. 5; NSRP- DWG-FTI-AR- 3033	Baseboard Finishes	BF5 - Different Specification between BOQ and FTI Station Finishes Sheet	"The description of BF5 in drawing NSRP-DWG-FTI-AR-3033 is revised, as follows: BF5: 300mm High Honed Granite Tile PIN 536(16)a will be updated in BOQ and drawing NSRP-DWG-FTI-AR-3033 and provided with Bid Addendum 3.
31	S03B	Volume 1 & 2		28 & 9	Bill of Quantities no. 5	Baseboard Finishes	BF5 - Redundant Tag for different finishes on BOQ	"PIN 537(10) under Bill 5 is corrected in the BOQ as follows: PIN 537(10) --- BF6: 150mm x 300/600mm Homogenous Unglazed Ceramic Tile The updated BOQ and drawing NSRP-DWG-FTI-AR-3033 and provided with Bid Addendum 3.

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32	S03B	Volume 1 & 2		29 & 97	Bill of Quantities no. 5; NSRP-DWG-FTI-AR-3561	Doors	D1, D2, D4, D5, D7, D9- Identify Door Dimension and Details (Discrepancy in width dimension described in BOQ and Schedule of Doors)	<p>"Description for Door pay items in BOQ are already revised based on drawing NSRP-DWG-FTI-AR-3561, rev. 21.2 dated 20 May 2021, as follows:</p> <p>PIN 526(1)e --- D1: W=2000mm x H=2100mm, Double Leaf with 200x800mm Fire Glass, Plain Steel Flush Door & Jamb with Honeycomb Insulation, Fluorourethane Baking Finish, 120mins FR</p> <p>PIN 526(2)e --- D2: W=1000mm x H=2100mm, Single Leaf with 200x800mm Fire Glass, Narrow Lite Steel Flush Door and Jamb with Honeycomb Insulation, Fluorourethane Baking Finish, 120mins FR</p> <p>PIN 526(4)e --- D4: W=900mm x H=2100mm, Single Leaf with Bottom Louver with 200x200mm Fire Glass, Steel Flush Door and Jamb with Honeycomb Insulation, Fluorourethane Baking Finish, with Fire Damper; 90mins FR</p> <p>PIN 526(5)e --- D5: W=1000mm x H=2100mm, Single Leaf Sliding with Bottom Louver and 200x200mm Fire Glass, Steel Flush Door and Jamb with Honeycomb Insulation, Fluorourethane Baking Finish, with Fire Damper; 120mins FR</p> <p>PIN 526(7)d --- D7: W=1000mm x H=2100mm, Single Leaf Fire-rated Emergency Exit Door (Panic Door), Fluorourethane Baking Finish; (120 mins. Fire Rating)</p> <p>PIN 526(9)d --- D9: W=1000mm x H=2100mm, Single Leaf Fire-rated Narrow Lite Steel Flush Door & Jamb with Honeycomb Insulation, Fluorourethane Baking Finish; 120mins FR"</p> <p>The revised BOQ will be provided with Bid Addendum 3.</p>
33	S03B	Volume 2		29 to 32	NSRP-DWG-FTI-AR-3115 to 3118	West Station Plaza Floor Finish Level	WSP GL and FFL discrepancy between plans (+18.75m;+19.65m) and elevations/sections (+19.00; 19.90m)	WSP GL & FFL is (19.00; 19.90m), refer to NSRP-DWG-FTI-AR-3115 to 3118, rev. 21.2 dated 20 May 2021 and provided with Bid Addendum 2;
34	S03B	Volume 2		95	NSRP-DWG-FTI-AR-3543	Tactile Surface	Discrepancy on the dimension on the illustration (L:600mm) and description (L:300mm).	Please refer to NSRP-DWG-FTI-AR-3543, rev. 21.3 which will be provided with Bid Addendum 3.
35	S03B	Vol. 2	Section 6 II Drawings		DRG No. NSRP-STN-CE-FTI-0026, 0032	Temporary D-Wall	In the referred drawings, two temporary D-Wall is recognized for TBM launching shaft and the other temporary D-Wall is figured out at the border of Phase-II (Sta.26k751m000). Please confirm the quantities of the above temporary D-Wall is included in the provided BOQ.	Correct, the quantities of temporary D-wall are included in Bill No.7.
36	S03B	Volume 1A	Section 4A		Bidding Forms – Bill of Quantities		We refer to the Structural Works section of the Bill of Quantities, please clarify under which pay item the concrete formworks fall under.	The concrete formwork is part of the structural concrete works. under pay item 206.
37	S03B	Vol. 1A		Varies	Varies	228(1)e Jet Grouting, 2500mm dia	Under the pay item 228(1) Jet Grouting, 2500mm dia, we would like to request the drawing of jet grouting on the At Grade Structure (AGS) of SCRFP -03b	<p>"No detailed drawing is available for jet grouting. But a description on how the jet grouting is laid on plan is included in the Notes on sheet NSRP-DWG-ATG-ST-4002.</p> <p>Type 2 - Jet grouting with soil improvement rate of 40% (i.e. 2500mm diameter jet grout with 3.5m spacing, depth ranging from 3m to 10.5m).</p> <p>Ground treatment typical detail shall be added on NSRP-DWG-ATG-ST-4002 with jet grouting typical details.</p> <p>The revised drawing will be issued with Bid Addendum 3.</p>
38	S03B	Volume 2			Drawings	Bid Clarification No.2	For Package 3b, would like to request for a plan drawing of Column Elevation and Slab Plan for West Plaza Station.	<p>"For column elevation drawings of West station Plaza, please refer to the following sheets :</p> <p>NSRP-DWG-FTI-ST-4611 which is issued with Bid Addendum 2.</p> <p>and</p> <p>NSRP-DWG-FTI-ST-4612, NSRP-DWG-FTI-ST-4613, NSRP-DWG-FTI-ST-4614, NSRP-DWG-FTI-ST-4615, NSRP-DWG-FTI-ST-4616 which will be issued with Bid Addendum 3</p> <p>For slab reinforcements of West Station Plaza, please refer to the following sheets:</p> <p>NSRP-DWG-FTI-ST-4641, NSRP-DWG-FTI-ST-4642 rev 21.3 which will be issued with Bid Addendum 3</p> <p>NSRP-DWG-FTI-ST-4643 rev 21.2 which is issued with Bid Addendum 2.</p>
39	S03B	Volume 2			Drawings		Kindly provide the design drawings for Temporary Works of the construction of the underground stations (especially on FTI and West Plaza Station)	<p>"Temporary work design drawings to be provided and submit by Contractor for the approval of the Engineer.</p> <p>Please refer to GS 114.5, GS 120.1 and GS 120.10."</p> <p>The Temporary Works are specifically related to the method and sequence of construction chosen by the Contractor and the Employer therefore will not be providing drawings.</p>

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40	S03B	Volume 2			Drawings		Kindly provide the profile, elevations and complete drawing of FTI and West Plaza Station	<p>"For column elevation drawings of FTI, please refer to the following sheets issued rev 21.2 dated 20 May 2021 and included in Bid Addendum 2:</p> <p>NSRP-DWG-FTI-ST-4201, NSRP-DWG-FTI-ST-4203, NSRP-DWG-FTI-ST-4203, NSRP-DWG-FTI-ST-4211, NSRP-DWG-FTI-ST-4212, NSRP-DWG-FTI-ST-4213, NSRP-DWG-FTI-ST-4214</p> <p>For column elevation drawings of West station Plaza, please refer to the following sheets issued rev 21.3 to be included in Bid Addendum:</p> <p>NSRP-DWG-FTI-ST-4611 which is issued with Bid Addendum 2. and NSRP-DWG-FTI-ST-4612, NSRP-DWG-FTI-ST-4613, NSRP-DWG-FTI-ST-4614, NSRP-DWG-FTI-ST-4615, NSRP-DWG-FTI-ST-4616 which will be issued with Bid Addendum 3</p>
41	S03B	Vol. 1A Section 4A Bidding Forms – Bill of Quantities		Varies	Varies	-	<p>The bidder failed to identify the corresponding details for the following bill items due to insufficient description. Please provide the ref. no of drawing to which each item shall refer, and/or further description.</p> <p>Bill of Quantity No.2 (1) 101(1)a "Unsuitable Excavation at dry condition" (2) 103(1)b "Embankment (Using Common Excavation Soil)" (3) 103(4) "Crushed Gravel Fill"</p> <p>Bill of Quantity No.3 (1) 205(7)a "Embankment for At-grade Structure (Common Material)"</p> <p>Bill of Quantity No.5 (1) 201(4)d "Backfill" (2) 201(4)e "Foundation Fill"</p> <p>Bill of Quantity No.6a (1) 201(4)d "Backfill" (2) 201(4)e "Foundation Fill"</p>	<p>"Bill of Quantity No. 2 1. PIN 101(1)a has already been deleted in the revised BOQ as included in Bid Addendum 2 2. Please refer to cut and fill data generated from civil 3D submitted March 25,2021. Please also refer to the technical specifications, TS 100, Sections 102 and 103. 3. Please refer to General Notes 5.4, NSRP-DWG-VIA03b-RD-2002, March 31,2021 Rev 21 and Typical Cross Section NSRP-DWG-VIA03b-RD-2003 to RD-2007 , March 31,2021 Rev 21. Please Note PIN 103(4) was revised to PIN 107(2). The Bidder is also advised that Item No. 101(1)a is deleted from the BOQ as issued with Bid Addendum 2.</p> <p>Bill of Quantity No. 3 Please refer to NSRP-DWG-ATG-ST-4200 Rev 21 and NSRP-DWG-ATG-ST-4201 Rev 21. Pay item 205(7)a - Embankment for At-grade Structure (Common Material) revised to 103(1)e - Embankment for At-grade Structure (Imported Granular Fill) and included in the revised BOQ as provided in Bid Addendum 2.</p> <p>Bill of Quantity No. 5 (1) PIN 201(4)d --- Backfill (volume of soil required to cover building substructure up to NGL. Please refer to the Technical Specifications, TS 200, Sub-Sections 201.3 and 201.4. (2) PIN 201(4)e --- Foundation Fill (volume of soil required as soil fill above NGL. Please refer to TS 200, Section 201 and to the applicable provisions of Sub-Section 201.4.</p> <p>FTI Station --- please refer to drawings: NSRP-DWG-FTI-AR-3301 to 3303, rev. 21.3 which will provided with Bid Addendum 3; NSRP-DWG-FTI-ST-4201 to 4203; 4211 to 4214, rev. 21.2 dated 20 May 2021</p> <p>Bill of Quantity No. 6a West Station Plaza --- please refer to drawings NSRP-DWG-FTI-AR-3305, rev. 21.3 which will be provided with Bid Addendum 3 & NSRP-DWG-FTI-ST-4201 , rev. 21.2 dated 20 May 2021"</p>
42	S03B	Vol. 2 Section 6 II Drawings		DRG No. NSRP-DWG- ATG-ST- 7000	Typical Joint Detail Sheet 1	NOTES: --- 2. TYPICAL SPACING OF EXPANSION JOINT FOR U-SHAPE STRUCTURE IS 20M AND CONTRACTION JOINT SHALL BE PLACED AT EVERY THIRD POINT BETWEEN EJ.	As per the referred note, the Bidder understand that the expansion joints shall be placed with 20m interval and that the contract joints shall be placed at every 60m. Please confirm.	Yes, the Bidder's understanding is correct.
43	S03B	Vol. 2 Section 6 II Drawings		DRG No. NSRP-DWG- ATG-ST- 4300 -- 4312	VIA03b At grade Section Elevation Sheet	-	The referred drawings provide information of SL. The Bidder understand that the "SL" stands for "surface level" and that the "SL" is considered as finish level which is formed from the ground level by the Contractor. Please confirm.	"SL" in the At Grade Section Elevation drawings refers to the top slab level "GL" refers to the ground level shown in elevation.
44	S03B	Vol. 2 Section 6 II Drawings		DRG No. NSRP-DWG- ATG-ST- 4300 -- 4312	VIA03b At grade Section Elevation Sheet	-	No section drawing for the ground treatment is given, whereas the profile is given by the referred drawings. Please provide the sections in order for the bidder to review and calculate the quantity of the jet grout works.	<p>The schedule of ground treatment to be applied on the ATG At Grade structures are specified on sheet NSRP-DWG-ATG-ST-4002.</p> <p>An additional detail showing a typical section of each ground treatment shall be added on NSRP-DWG-ATG-ST-4002, which will be provided with Bid Addendum 3.</p>