

North – South Commuter Railway (NSCR) Project (Malolos – Tutuban) Package CP01: Elevated Structures, 7 Stations and Depot			
ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
<i>Volume I, Part 1 – Bidding Procedures</i>			
1	Section IV, Schedule 2, BF-26, Table B. Foreign Currency (FC)  and  GBB No. 6, Annex "C": Item 17	<p><u>Reference:</u> *1: <i>Consumer Price Indexes, General of Monthly Statistics of Japan.</i> *2: [...] and *3: [...]</p> <p><b>Clarification Request:</b> Please provide price adjustment table for US Dollar, as it is not included.</p> <p><b>Response:</b> The Bidder may refer to GBB No. 5 Item No. 5 attachment to Annex "C", which states that "[...if the Bidder wishes to quote in both Japanese Yen and United States Dollars then this table should be repeated for each currency.]"</p> <p>The Bidder's understanding is that if the table is repeated for USD, notes *1, *2, and *3 for references of Japan (i.e. General of Monthly Statistics of Japan, etc.) shall still apply. Please confirm.</p> <p>If the Bidder's understanding is mistaken, please specify the references to be applied for prices quoted in USD.</p>	<p>No, the Bidder's understanding is not correct. Notes *1, *2 and *3 apply only to Japanese Yen expenditures in Japan.</p> <p>For United States Dollars, the Bidder shall provide the "Source of Index" appropriate to the industry in the country of origin published by a credible government source or other index published by an international funding/financing agency relevant to the country/continent from which the Labor, Equipment and Materials are procured.</p>

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<b>Volume IA, Part 1 – Bill of Quantities</b>											
2	NSCR BD CP01-Vol IA-BOQ_May 2018, Tutuban	<p><u>Reference:</u> <i>Bill of Quantities</i></p> <p>Clarifications on the unit of measurement for Item No. 506(30) - Stainless Steel Railing / Gate (48.6Ø x 3.0 Hairline Finish including Accessories; H=1100-1200mm); BOQ states it as "ea."</p>	<p>The item below in BOQ, Page BOQ-32 is revised as follows:</p> <table border="1"> <tr> <td>506(30)</td><td>Stainless Steel Railing / Gate (48.6Ø x 3.0 Hairline Finish including Accessories; H=1100-1200mm);</td><td><del>Ea.</del> <u>Lm</u></td><td>776.00</td></tr> </table> <p>The item below in TS 500, Page TS500-82 is also revised as follows:</p> <table border="1"> <tr> <td>506(30)</td><td>Stainless Steel Railing / Gate (48.6Ø x 3.0 Hairline Finish including Accessories; H=1100~1200mm)</td><td><u>Linear Meter</u> <del>Ea.</del></td><td><del>ea</del></td></tr> </table>	506(30)	Stainless Steel Railing / Gate (48.6Ø x 3.0 Hairline Finish including Accessories; H=1100-1200mm);	<del>Ea.</del> <u>Lm</u>	776.00	506(30)	Stainless Steel Railing / Gate (48.6Ø x 3.0 Hairline Finish including Accessories; H=1100~1200mm)	<u>Linear Meter</u> <del>Ea.</del>	<del>ea</del>
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<b>Volume II, Part 2 – Works Requirements</b>											
3	General	<p><u>Reference:</u> <i>Power supply and Fire Alarm signal requirement for Shutters</i></p> <p>We cannot find power supply and fire alarm signal requirements for shutters on Electrical DWGs. If they are necessary, please provide design DWGs for each building.</p>	Please refer to Drawing No. NSCR-DWG-CAL-EL-5129 for Caloocan station in Book 5 of 11, Page CP01-B5-187. Similar drawings are also included in the Bidding Document for other locations.								
<b>GS 100</b>											
4	Page GS100-103, Clause 103.3.1, Method of Measurements, Sub-	Regarding General Specification Item 103: Mobilization specifically on item 103.3.1-4b which states that payment for Contractor's Personnel, Plant and Equipment shall be 60% upon completion. The	Please refer to GC Clause 14.1 (d) which states that the Contractor shall submit to the Engineer, within 28 days after the Commencement Date, a proposed breakdown of each lump sum price in the Schedules. The Engineer may take account of								

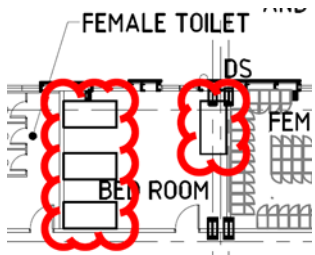
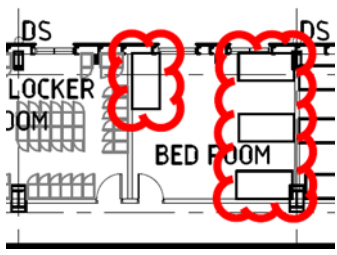
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	item 4-b	Bidder would like to clarify if payments can be made separately for every item under Contractor's Personnel, Plant and Equipment.	<p>the breakdown when preparing Payment Certificates, but shall not be bound by it.</p> <p>Sub-items 2 to 5 of Clause 103.3.1 of GS 100, Pages GS100-12 and GS100-13 are revised as follows:</p> <p>2) "Mobilization' shall be measured in <u>the</u> following items:</p> <ul style="list-style-type: none"> <li>a) Mobilization Program and Submittals;</li> <li>b) Mobilization of Contractors Personnel, Plant and Equipment; and</li> <li>c) Sundry items not allowed for elsewhere.</li> </ul> <p>3) For <u>sub-item a of item 2</u><del>item b</del> <u>i</u> above, <u>the</u> payment shall be: 100% upon approval of satisfactory Mobilization Program and Submittals;</p> <p>4) For <u>sub-item b of item 2</u><del>item b</del> <u>ii</u> above, <u>the</u> payment shall be:</p> <ul style="list-style-type: none"> <li>a) 20% upon commencement of mobilization of Contractor's Personnel, Plant and Equipment</li> <li>b) 60%: upon completion of mobilization of Contractor's Personnel, Plant and Equipment; and</li> <li>c) 20%: upon completion of demobilization of Contractor's Personnel, Plant and Equipment including dismantling and removal from the Site.</li> </ul> <p>5) The payment for <u>sub-item c of item 2</u><del>item b</del> <u>iii</u> above shall be made proportionately over the Contract Period through monthly interim payments."</p>
<b>TS 600</b>			
5	Page TS600-283, 626.2.20Fiber Optic Cable	<p><u>Reference:</u> <i>Fiber Optic Cable</i></p> <p>Please specify the following:</p>	The type of Fiber optic cable shall be Single Mode. However, for short lengths of optic cable Multi-mode fiber cable may be considered.

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		1.) Type of fiber optic cable required (Single Mode or Multi-Mode)? 2.) Is the fiber optic interfacing cable from all stations and OCC building under CP04 scope of work? If "No", please provide the fiber optic layout for our pricing purposes.	The CP04 Contractor will provide fiber optic cables (Dark Fiber) for the BMS system up to CER/TER of Station/OCC building and from this location to other locations inside the building; it shall be part of the CP01 Scope of Works. Please refer to TS 600, Clauses 626.2.5 and 626.2.20 for further detail.
<b>TS 700</b>			
6	Pages TS700-240 to TS700-241, Clause 708.1.4 Extra Stock	<u>Reference:</u> <i>Lighting Fixture</i>  This specifies extra stocks for lamps, lenses/louvers and ballast under under 708 Lighting Fixture: will this be different from the spare parts to be provided as stated in "Operating Maintenance Manuals" Article 705.4.20(4)(i), page TS700-223?	This specific Extra stock is different from the list of spare parts to be provided in "Operating Maintenance Manuals".
7	Page TS700-278, 713.2.9(5) Networking Interface	As stated under sub-clause 713.2.9 (5) - Networking Interface, please confirm our understanding that all BMS network interfacing within the station buildings, depot buildings and with OCC SCADA shall be through Modbus.	Please refer to TS 700, Clause 715.2.2 (d). This is an Interface item with the System and other Contractors and shall be decided as per Interface Management under GS 100, Clause 126.
<b>Drawings</b>			
8	Drawings, Main Alignment Substation Tutuban Station Solis Station Caloocan Station Valenzuela Station Meycauayan Station Marilao Station	<u>Reference:</u> <i>Steel</i>  Are we allowed to use quenched-tempered steel?	Steel for Concrete reinforcement shall conform with the requirements under TS 200, Clause 207.2 and TS 400, Clause 403.2.

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ITEM NO.	REFERENCE CLAUSE/ SECTION	CLARIFICATION REQUEST	RESPONSE
	Bocaue Station Depot, Not Applicable		
<b>Book 4 of 11</b>			
9	<p>PageCP01-B4-421;  Book 5 of 11, Page CP01-B5-136;  Book 8 of 11, Pages CP01-B8-029, CP01-B8-340, CP01-B8-341, CP01-B8-632;  And  PageTS400-24, 401.4.8 Assembly and Placement of Reinforcing Steel</p>	<p><u>Reference:</u> <i>Concrete spacers or other approved noncorrosive spacing devices shall be used at sufficient intervals (near the bottom, the top, and at intervals not exceeding 3m vertically) to ensure concentric spacing for the entire cage length.</i></p> <p>The referred drawings show flat bars as spacers for the rebar cage of bored piles.</p> <p>On the other hand, TS 400 specifies spacers to be concrete blocks or of other approved noncorrosive materials.</p> <p>These seem contradictory to the Contractor. Which is the Designer's intention? Please clarify.</p>	<p>Please refer to TS 400, Clause 401.4.8</p> <p>The drawings only shows the shape of the spacer without giving material type and size.</p>
10	<p>Page CP01-B4-431, Drawing No. NSCR-DWG-SOL-ST-4188,  Main Alignment Substation, Tutuban Station Solis Station Caloocan Station Valenzuela Station Meycauayan Station</p>	<p><u>Reference:</u> <i>Hard Core concrete</i></p> <p>May we request for specifications for hard core concrete on pile cap on stations.</p>	<p>Please refer to items 9 and 10 of GBB No. 7.</p>

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	Marilao Station Bocaue Station		
<b>Book 6 of 11</b>			
11	Pages CP01-B6-538 and CP01-B6-584	On CP01-B6-538, Stairs at Grid 5 to 7/A to B and C to D, are indicated. May we assume the detail of the Stairs to be the same as the detail indicated on CP01-584, Stairs (Grid 13 to 15/A to B and C to D)?	Yes, the Bidder's assumption is correct.
<b>Book 7 of 11</b>			
12	Page CP01-B07-065	<p><u>Reference:</u> <i>Handrail on Perimeter Retaining Wall</i></p> <p>1. Please clarify whether diameter of 50mmØ GI Sch. 40 handrail and post indicates a nominal diameter or outside diameter.</p> <p>2. Please provide connection detail of 100x100x6mm thk Steel Plate to concrete.</p>	<p>1. It indicates Nominal diameter.</p> <p>2. The plate shall be grouted in place with concrete. No special connection is required between plate and concrete.</p>
<b>Book 8 of 11</b>			
13	Pages CP01-B8-026, CP01-B8-108	<p>At the Train Maintenance Deck, the specification of the Railing differs as follows, CP01-B8-026 ···φ=38mm GI Pipe Sched. #40 φ=32mm GI Pipe Baluster, φ=25mm GI Pipe Sub-railing Epoxy paint Finish CP01-B8-108 ··· Pipe φ=34.0x2.3 Thk May we consider CP01-B8-026 correct and consider</p>	Please use Pay Item D506(1)d.1 Stainless steel 38mmØ for handrail and Post, 25mm Ø Subrail.

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		the specification to be $\phi=38\text{mm}$ GI Pipe Sched. #40 $\phi=32\text{mm}$ GI Pipe Baluster, $\phi=25\text{mm}$ GI Pipe Sub-railing Epoxy paint Finish?	
14	Pages CP01-B8-034 and CP01-B8-090	Regarding Structural Slab Level at Grid 1-19/A-C, discrepancies occur between CP01-B8-034 Architectural Schedule of Finishes (-500, -50, -100, -300) & CP01-B8-090 Structural Plan (-180).  May we consider the Structural Plan to be correct?	Structural Slab Level at Grid 1-19/A-Variations in Book 8 of 11, Page CP01-B8-034 Architectural Schedule of Finishes are correct.  For Structural Slab Level at Grid 1-19/B-C, shall be referred to Structural Plan as (-180).
15	Pages CP01-B8-038 and CP01-B8-039	On CP01-B8-038, 039, please provide the details of the following Signage. Wall Mounted Sign (WS4-01) (Grid 1/B-C, 3-4/C, 7-8/C, 12-13/C, 17-18/C, 19/B-C) Hanging Sign (HS1-06) (Grid 12-13/A-B)	Please disregard Hanging Sign (HS1-06) and Wall Mounted Sign (WS4-01).
16	Pages CP01-B8-046 and CP01-B8-047	On CP01-B8-046, 047, may we assume the specification of the Railing at the Service Ramp (Lower Maintenance Deck Level) to be the same as that of the Train Maintenance Deck ( $\phi=38\text{mm}$ GI Pipe Sched. #40 $\phi=32\text{mm}$ GI Pipe Baluster, $\phi=25\text{mm}$ GI Pipe Sub-railing in Epoxy paint Finish)?	Yes, and please use Pay Item D506(1)d.1 Stainless steel 38mm $\phi$ for handrail and Post, 25mm $\phi$ Subrail.
17	Page CP01-B8-047	On CP01-B8-047, please provide the specification, detail of the Restricted Access with Interlocking of Catenary Power Supply at 1F Walkway.	Interlocking of Catenary Power Supply at 1F Walkway are within the Scope of Work of the CP03 and CP04 Contractors in coordination with the CP01 Contractor.
18	Page CP01-B8-048	On CP01-B8-048, the quantity of the Furniture differs as follows. May we assume the ones marked with © correct?  Schedule Plan	Yes, the Bidder's assumption is correct. Desk(1200x600) = 54 sets Cabinet(900x450) = 47 sets

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		Desk(1200x600) 55 ©54 Cabinet(900x450) 46 ©47	
19	Page CP01-B8-048,  Section VI, TS 500, Page TS500-454, Clause 554.4.2	<p>On CP01-B8-048, may we assume the items below (marked with a cloud) at 1F Female and Male Bedroom to be Item No. D554(21) 900x1800mm Bed?</p> <p>If not, please provide the specification, detail, and height of the items marked with a cloud.</p>  <p>1F Female Bedroom (Grid 10-11/A-B)</p>  <p>1F Male Bedroom (Grid 13-14/A-B)</p>	<p>Yes, the Bidder's assumption is correct. For the marked item, please use Pay Item D554(21) 900x1800mm Bed.</p> <p>All furniture to be of high quality are subject for approval of the Engineer.</p>
20	Page CP01-B8-175	<u>Reference:</u> <u>Manhole</u>	Please use 100mm thickness.



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		Please specify depth/thickness of manhole cover.	
21	Page CP01-B8-362	<u>Reference:</u> <i>Hand Hole</i>  Please provide detail for hand hole.	Please refer to the drawing in Book 8 of 11, Page CP01-B8-403.
22	Pages CP01-B8-546 and CP01-B8-639	Regarding Structural Slab Level of Ground Floor, there are discrepancies between CP01-B8-546 Schedule of Finishes (-50, -100) and CP01-B8-639 Structural Plan and Details (-180). May we consider the Structural Plan and Detail (-180) to be correct?	Structural slab levels shall be as per structural drawings, except for the following: High and low voltage: -500mm Boiler and Compressor: -300mm  Along with the above, the foundation beams of GB2B, GB4 and GB5, pile caps and piles underneath shall be lowered accordingly.
23	Pages CP01-B8-523 and CP01-B8-609	At Ground Level Air Conditioner Shop (grid 17-18/B-C), the existence of Pit #3 differs as follows, CP01-B8-523 ... existent CP01-B8-609 ... non-existent May we consider CP01-B8-609 correct and consider Pit #3 to be non-existent? Moreover, if the Pit #3 is necessary, please provide its finish and Depth.	Pit # 3 is existent. The finish shall be the same as the service pit finishing. The depth shall be -150mm.
<b>Book 9 of 11</b>			
24	PageCP01-B9-267	On CP01-B9-267, Cable Pit (hidden lines) is indicated at Floor Plan. If it is under Building Scope, please provide specification and detail.	Please refer to the Notes in Book 9 of 11, Page CP01-B9-314.
25	Page CP01-B9-314	<u>Reference:</u> <i>Cable Trench</i>	Please refer to the "Notes" on the reference drawing. The Contractor shall submit shop drawings for cable trench considering Substation Equipment details.

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		Please provide details for Cable trench.	
<b>Book 11 of 11</b>			
26	Page CP01-B11-035, Drawing No. NSCR- DWG-MTS1-ST-4201; and  Page CP01-B11-362, Drawing No. NSCR MTS6-ST-4201  Substation	<u>Reference:</u> <i>Pile Shoes</i>  May we request for a detailed drawings for Pile Shoes	The Contractor shall submit shop drawing for Pile Shoes as part of their work plan.
27	Page CP01-B11-035, Drawing No. NSCR- DWG-MTS1-ST-4201; and  Page CP01-B11-362, Drawing No. NSCR MTS6-ST-4201  Substation	<u>Reference:</u> <i>Driven Pile</i>  May we request for rebar details and driven pile length.	Please refer to the "Notes" in Book 11 of 11, Page CP01-B11-035.