



General Bid Bulletin No.8

27 May 2021

RESPONSES TO CLARIFICATION REQUESTS

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 of 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 abovementioned project. Please refer to the attached Annex of this General Bid Bulletin duly approved by the End-user and Co-Implementer for details:

1. **Annex "A"** – CP S-03B Responses to Clarification Requests (Batch 1)

For your information and guidance.

For the Bids and Awards Committee V,

SIGNATURE REDACTED

ENGR. NICOLE JOHN D. CABUEÑOS

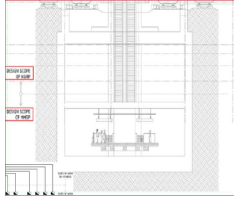
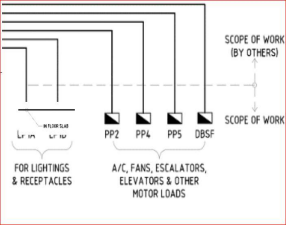

Vice-Chairperson

South Commuter Railway Project for
Package Number CP S-03b
General Bid Bulletin No. 8
Responses to Clarification Requests

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CP S03b Responses to Clarification Requests (Batch 1)

No.	Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
1	CP S-03B	Vol. 1	Section 3 Evaluation and Qualification Criteria	EQC 24	2.4.1 Contracts of Similar Size and Nature	Participation as a contractor, JV partner, or subcontractor ...that is similar to the proposed works, where the value of the Bidder's participation in each of the following works exceeds US Dollars Three Hundred Ninety Million(3,900,000). The similar work shall mean the project including the following works: 1. Tunnel works 2. Underground Railway Station works 3. At Gate Railway Station works (Bold emphasis added by the Bidder)	As for the referred requirement, you are kindly requested to clarify which of the following understandings is correct: (1) The Bidder's participation in each contract which is proposed as "the similar work" shall exceed US\$ 390 Mil. or; (2) The total amount of the Bidder's participation in the proposed 3 contracts which correspond each type of "the similar works" shall exceed US\$ 390 Mil. If the answer for (1) is affirmative, it appears excessively severe to satisfy for even qualified bidders. In such case, please reconsider easing the requirement for qualified bidders to serve competitive bids.	Bidder is advised that EQC 2.4.1 shall be revised in Bid Addendum 2 as follows: The similar work shall mean the project including the following works: 1. Tunnel works 2. Underground Railway Station works 3. At-Grade Railway Station works 1. Construction of Underground Structure (rail, road or other purpose) of continuous nature
2	CP S-03B	Volume 2	Section 6, II Drawings				Kindly provide the AutoCAD drawings for the tender preparation purposes.	The CAD Drawings have been released via GBB 6 dated 11 May 2021
3	CP S-03B	Vol. 2	Section 6 II Drawings		CP S-03b Book-1 Civil Drawings		In the referred civil drawings, the bidder found many structures noted as "BY OTHERS"(e.g. Dwg. Ref. NSRP-DWG-VIA03b-ST-0301). However the structures are identified as part of the proposed work by other drawings (Architectural and Underground drawings). Please clarify.	To erase "BY OTHERS", this will be amended on the drawings and provided in Bid Addendum 2
4	CP S-03B	Vol. 2	Section 6 II Drawings		CP S-03b Book-1 Civil Drawings		The bidder found discrepancies in detail between the underground structures (Station box and structures with MMSP tracks) in the civil drawings and those in the underground drawings. (e.g. Dwg. Ref. NSRP-DWG-ATG-ST-4204) Please clarify.	Drawing NSRP-STN CE-FTI-0037 is correct. Drawing NSRP-DWG-ATG-ST-4204 is not correct. This drawing will update in Bid Addendum 2.
5	CP S-03B	Vol. 2	Section 6 II Drawings	NSRP-DRN- CE-FTI- 0001 ~ 0008	CROSS DRAINAGE CP S-03b		In the referred civil drawings, the bidder found 3 drainage structures. Please clarify whether they are existing structures or the newly proposed ones.	"The three drainage crossing located in -NSRP-DWG-VIA03b-DR-0065 (Sta. 18+420) -NSRP-DWG-VIA03b-DR-0067 (Sta 18+800) -NSRP-DWG-VIA03b-DR-0069 (Sta 19+580) These three existing Drainages shall be modified, in accordance to Drawings NSRP-DRN-CE-FTI- 0000~0008"

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No.	Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
6	CP S-03B	Vol. 2 Part II	Part II Sec 6 IA Scope of Works	ER22	2.5.2 Ancillary Building	CP S-03b Scope includes –Three (3) Electric Substations (Nos. 07, 08 and 09).	There is no Electric Substation in this PKG, and Electric Substation No. 07, 08 and 09 are included in CP S-04 PKG, in our understanding. Please clarify whether there is another Electric Substation.	Electric Substation No.07,08 and 09 are included in package CP S-03c. The reference to Sub-Station in the SOW will be deleted.
7	CP S-03B	Vol.2 02.Drawings- CP S- 03b_03_FTI _EL		NSRP-DWG- FTI-EL- 5400	NSRP-DWG-FTI- EL-5400		In NSRP-DWG-FTI-EL-5400, scope of work for Underground Station are separated by NSRP and MMSP. Please confirm whether 'Design scope of MMSP' is not under this project scope.	Bidder is referred to Volume 2 for details on the Bidder's scope of works
8	CP S-03B	Vol.2 02.Drawings- CP S- 03b_03_FTI _EL		NSRP-DWG- FTI-EL- 5405	Lighting Fixture		In NSRP-DWG-FTI-EL-5405, approx. 140 nos of External lighting is indicated. However, there is only 109 nos of Lighting are indicated in Bill no.8 of BOQ. Please clarify which quantity shall be followed if there is quantity discrepancy between drawing and BOQ.	"The quantity of lightings as per drawings ref NSRP-DWG-FTI-EL-5404 is not captured under Bill 8 but is included under Bill 5. The Quantity as shown in the drawing shall prevail over the BOQ. The following pay items under BOQ Bill No. 5 to be revised to match with the drawing: PIN 708(1)e --- Type F2 (change Type F2 to Type F') : 31.2W Integrated LED Light, Surface Mounted Batten. Size:1200mm x 80mm --- 118 sets PIN 70891f --- Type F2/E: 31.2W Integrated LED Light, Surface Mounted Batten complete with battery pack. Size:1200mm x 80mm --- 26 set
9	CP S-03B	Vol.2 02.Drawings- CP S- 03b_03_FTI _EL		NSRP-DWG- FTI-EL- 5022	Cable and Cable Tray		Please clarify whether cable and cable tray work from LVSG to each panels including cable connection will be done 'by others'.	The design and construction for the cable and cable trays from LVSG to each panels including cable connection is the scope of work by the Contractor. The drawing will be amended and provided in Bid Addenda 2
10	CP S-03B	Vol.2 02.Drawings- CP S- 03b_03_FTI _EL		NSRP-DWG- FTI-EL- 5013	Earthing		Please clarify the meaning of 'IN FLOOR SLAB'. Does it mean the Bare copper cable shall be laid in concrete floor slab?	Grounding/Bonding cable will pass though the floor slab in the earthing schematic drawing reference is made to NSRP-DWG-FTI-EL-5103 .

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11	CP S-03B	Vol 2	Sec 6 UTS	Page 158, 159 of 192	2100.3.3 (b), (c), (d)	<p>(b) Cutter motors, with gear reducers, seals for soil, and thrust jacks shall be provided by a Japanese supplier;</p> <p>(c) TBM main body, Cutter Head, Drive Unit of Cutter, Erector and structure of Screw Conveyor shall be processed and assembled in Japan;</p> <p>(d) The factory assembly inspection of TBM shall be carried out in Japan and certification of the origin shall be provided to the Engineer;</p>	<p>Main TBM parts are required to be procured from the Japanese manufacturers according to the tender documents.</p> <p>Is it possible to propose/procure the TBMs from other countries, alternatively?</p>	<p>Yes, it is possible to propose/procure the TBM from other countries. The Specification will be amended in Bid Addendum 2. Reference is made to Article 5 Eligible Materials, Equipment, and Services as per Volume 1 Section 1.</p>
12	CP S-03B	Vol 2	Sec 6 IV Equipment	Page 3 of 4	Equipment Requirements for S-03b		<p>Is there any minimum number requirement for equipment that is listed in the tender document?</p>	<p>No there is none, however the Bidder needs to provide further support/substantiation of the necessary Equipments/Plants for the Project as per Section 3 - Evaluation and Qualification Criteria.</p>

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13	CP S-03B	Vol 2 &	Sec 6 II Drawings &	Page 3 of 31 &	NSRP-UT-CE- GN-0001 &	<table border="1"> <tr><td>TBM Tunnel (FTI to Senate) (TBM 2 nos.)</td><td>50</td><td>14th</td><td>63rd</td></tr> <tr><td>TBM No.12</td><td>49</td><td>15th</td><td>63rd</td></tr> <tr><td>TBM Design & Fabrication</td><td>14</td><td>15th</td><td>28th</td></tr> <tr><td>Shipping sea cargo</td><td>1</td><td>28th</td><td>28th</td></tr> <tr><td>Install and Assembling the TBM. Preparation works to install Drive</td><td>2</td><td>30th</td><td>31st</td></tr> <tr><td>Install Drive & System change for Main Drive</td><td>2</td><td>32nd</td><td>33rd</td></tr> <tr><td>Main Drive</td><td>18</td><td>34th</td><td>51st</td></tr> <tr><td>TBM Concrete works</td><td>1</td><td>52nd</td><td>52nd</td></tr> <tr><td>Concrete Passage</td><td>4</td><td>53rd</td><td>58th</td></tr> <tr><td>Install Concrete</td><td>7</td><td>57th</td><td>63rd</td></tr> <tr><td>TBM No.13</td><td>49</td><td>14th</td><td>62nd</td></tr> <tr><td>TBM Design & Fabrication</td><td>14</td><td>15th</td><td>27th</td></tr> <tr><td>Shipping sea cargo</td><td>1</td><td>28th</td><td>28th</td></tr> <tr><td>Install and Assembling the TBM. Preparation works to install Drive</td><td>2</td><td>29th</td><td>30th</td></tr> <tr><td>Install Drive & System change for Main Drive</td><td>2</td><td>31st</td><td>32nd</td></tr> <tr><td>Main Drive</td><td>18</td><td>33rd</td><td>50th</td></tr> <tr><td>TBM Concrete works</td><td>1</td><td>51st</td><td>51st</td></tr> <tr><td>Concrete Passage</td><td>4</td><td>52nd</td><td>58th</td></tr> <tr><td>Install Concrete</td><td>7</td><td>56th</td><td>62nd</td></tr> </table>	TBM Tunnel (FTI to Senate) (TBM 2 nos.)	50	14th	63rd	TBM No.12	49	15th	63rd	TBM Design & Fabrication	14	15th	28th	Shipping sea cargo	1	28th	28th	Install and Assembling the TBM. Preparation works to install Drive	2	30th	31st	Install Drive & System change for Main Drive	2	32nd	33rd	Main Drive	18	34th	51st	TBM Concrete works	1	52nd	52nd	Concrete Passage	4	53rd	58th	Install Concrete	7	57th	63rd	TBM No.13	49	14th	62nd	TBM Design & Fabrication	14	15th	27th	Shipping sea cargo	1	28th	28th	Install and Assembling the TBM. Preparation works to install Drive	2	29th	30th	Install Drive & System change for Main Drive	2	31st	32nd	Main Drive	18	33rd	50th	TBM Concrete works	1	51st	51st	Concrete Passage	4	52nd	58th	Install Concrete	7	56th	62nd	<p>With reference to tender documents, it is understood that two (2) TBMs are planned to be used on-site concurrently.</p> <p>Is there any possibility for the bidder/contractor to use one (1) TBM instead of 2, ensuring that this won't have an effect on the key dates?</p>	<p>Pursuant to the preparation of the Bidding Documents and following further verification of the requirements by our experts, the Employer does not consider using one TBM instead of two TBMs as a feasible and realistic possibility. This position is reinforced if all requirements and interfaces, including Key Dates in relation to the Scope of Works as well as the projects CP 108 and CP109, are considered.</p> <p>Whilst the Employer does not specify the number of TBM's to be utilized, any proposal to utilize one TBM should be fully justified in the implementation proposals to be supplied with the bid, which shall include the Implementation Proposals (Section 3 Part 1.2.3.2) including but not limited to the Project Execution Plan, Shield Tunnel Construction - TBM works. Failure to fully justify the proposed solution may result in failure in relevant technical components as specified in Section 3 EQC.</p>
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14	CP S-03B	Vol 2	Sec 6 II Drawings		P2_S6_II(DWG) _31Mar2021_10 _GEO		<p>In the tender drawings "NSRP-GEO-0001~0008", there are IS and FTI coded boreholes. RQD and SPT-N values were given in the soil profile. However, laboratory experiment results and core box sample photos are not found in the site data.</p> <p>This information is required for the evaluation of soil/rock characteristics. Please kindly provide the core box sample photos and laboratory experiment results.</p>	<p>Additional information will be provided in Bid Addenda 1, which includes inter alia Geotechnical Investigation Report CP S-03b which is based on "Final report" issued by AMH/Soil Philippines dated August 2020.</p>																																																																												