

Metro Manila Subway Project Phase 1 PACKAGE CP104 (Ortigas North and Ortigas South)		
ITEM NO.	REFERENCE CLAUSE/SECTION	ADDENDUM No. 1 - GBB No. 5
1.	Volume I, Invitation for Bids 7	<p>Replace Clause 7 of INVITATION FOR BIDS with the following:</p> <p>7. Bids must be delivered to the address above on or before 10:00 am on 8 March 2021 and must be accompanied by a Bid security of Japanese Yen Six Hundred Million (JPY 600,000,000.-).</p>

<i>Volume IA Part 1: Bill of Quantities (BOQ)</i>		
2.	Section IV Bidding Form Bill of Quantities (BOQ), Page BOQ-9 ~ BOQ-222, Bill No. 1 through Bill No. 8	<p>Please replace the current Bill No. 2 through Bill No. 5 with those shown in Annex-C. BOQ is subject to be modified in further GBB</p> <p>See Annex-C for the details. Excel file of BOQ will be made available.</p>

<i>Volume II, Part 2 – Work Requirements</i>		
<i>Section VI Works Requirements – General Specification (GS)</i>		
3.	<i>Volume II, Part 2 – Work Requirements</i> <i>Section VI Works Requirements – General Specification (GS)</i> Works Requirements-General, Clause 4.	<p>Add the following:</p> <p><u>EMPLOYER'S OUTLINE SPECIFICATIONS</u></p> <p>In accordance with the provisions of the Employer's Requirements, the Outline Design and Construction Specifications contained in this Volume shall be considered as the minimum requirement for the Works. The Contractor shall develop the Employer's Outline Construction Specifications into the Works Specifications as part of the Works Design; as part of Technical Design Submissions and upon receipt of the Engineer's Notice of No Objection.</p>

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<i>Volume II, Part 2 – Work Requirements</i> <i>Section VI Works Requirements – Technical Specifications (TS)</i>		
4.	Volume II, Part 2: Works Requirements/Technical Specifications (TS), 4: Underground Structures P179 Item 2100.6.22 Electric Power Supply Facilities	Add this sentence: Alternately, the Contractor may choose to tap from the MERALCO mains, provided he has a suitably sized back-up generator to switch to in case of power outages for emergency usage. Power costs will be borne by the Contractor
<i>Volume II, Part 2 – Work Requirements</i> <i>Section VI Works Requirements – General Specification (GS)</i>		
5.	Volume II, Part 2 Section VI, General Specification TEMPORARY WORKS 142.1 TEMPORARY WORKS	Add the following new item (h) to after (g): (h)Temporary works design related excavation works for tunnel, including primary lining.The contractor shall be responsible for detail design considering the actual excavated soil condition.
6.	Volume II, Part 2 Section VI, General Specification APPENDIX4 2.3 Stations and Substations Item no23 Earth Mat	Revise Remarks of item no.23 to clarify the demarcation between CP104 and CP106 as below: Each Work detail of CP104 and CP106 is described

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	System	No	Interface Description	Design	supply	Fix	Remarks
		23	Earth Mat System	CP104/ CP106	CP104	CP104	<p>CP104: Design for Earth Mat and connection from Earth Mat to terminals based on CP106 requirements and own requirements. On-site resistance measurement test.</p> <p>CP106: Presentation of CP106 own requirements. Confirmation of Earth Mat designed by CP104. Confirmation of the resistance value measured by CP104</p>
<i>Volume II, Part 2 – Work Requirements</i>							
<i>Section VI Works Requirements – Technical Specifications (TS)</i>							
7.	Volume II, Part 2 Section VI, Technical Specifications 4: Underground Structures	<p>Revise item 8) Marking of Segments as below:</p> <p>8) Marking of Segments All tunnel segments delivered on site shall bear indelible markings placed on the inner surface of all segments as described below. Any segment without marking or unreadable marking, for whatever reason, shall not be used in the works. The markings must in no way compromise any requirement</p>					

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	TS 2100.4.7 Steel Reinforced Concrete Segments 8) Marking of Segments	<p>of this specification, i.e., concrete cover or water proofing.</p> <p>The minimum information on the marking shall include the following:</p> <p>(a) Internal Diameter by engraving;</p> <p>(b) Type of segment by engraving: A: standard/ordinary; B: top (B shall be segments to opposite end of the K segment); K: key (K shall be inserted in longitudinal direction between Bs); T: for tapered ring; R/L: for right or left turning curve segments;</p> <p>For tapered rings, each segment type shall be marked at each end to ensure the segments shall be built in the correct position, sequence and orientation</p> <p>(c) Bolt location mark by engraving;</p> <p>(d) Project Name by engraving;</p> <p>(e) Mark of the Manufacturer by printing;</p> <p>(f) A client identification code by printing;</p> <p>(g) Date of Casting and mark with not less than 50mm high identifying the casting with the appropriate sample by printing;</p> <p>(h) And other information the Engineer may require.</p> <p>The Contractor shall submit the marking plan including marking size and location with consider cover thickness to the Engineer for approval.</p>
<i>Volume III Part2: Works Requirements</i>		
8.	Section VI Works Requirements-	Replace the drawing UT-CE-OS-0007 Ortigas South Station Site Utilization Track works

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	Employer's Drawings (DRW) Construction Plan Drawings UT-CE-OS-0009 Ortigas South Station Site Utilization Track works	See Annex C for the details.
<i>Volume IV. Part 3 - Conditions of Contract and Contract Forms</i>		
9.	Section VIII Particular Conditions, Page PC-7	<p>Please modify as follows:</p> <p>Limit of Retention Money 14.3 (c) Five Ten percent (5%) (10%) of the Accepted Contract Amount.</p>