



**General Bid Bulletin No. 5**  
06 September 2021

**METRO MANILA SUBWAY PROJECT PHASE I**

**PACKAGE CP103:**  
**TWO UNDERGROUND STATIONS (ANONAS AND KATIPUNAN)**  
**AND TUNNELS**  
**(IFB No: 21-035-6)**

**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 for details:

1. Annex "A" - Answers to Queries from Prospective Bidders including Clarifications to the Bidding Documents.
2. Annex "B" - Addendum to the Bidding Documents
3. Annex "C" - Revised pages of the Bidding Documents

All other portions of the Bidding Documents not affected by these revisions, amendments and/or clarifications shall remain unchanged.

Revisions/amendments/clarifications made herein shall be conserved as an integral part of the Bidding Documents of this Project

For your guidance and information.

For the Bids and Award Committee

  
**SIGNATURE REDACTED**  
**MR. WEBSTER M LAUREÑANA**  
Chairperson

Metro Manila Subway Project Phase I PACKAGE CP103 (Anonas and Katipunan)	
ITEM NO.	REFERENCE/CLAUSE/SECTION
ITEM NO.	QUERIES
ITEM NO.	RESPONSE

**Volume I Part I: Bid Procedures**

1.	ITB Clause 19 Bid Security Security for JV partners	<p>1. Please confirm that each JV member can arrange its bid security with respective banks in an amount equivalent to its JV share under the name of the JV if the combined amount will meet the requirement.</p> <p>2. If "yes", can each JV member provide Performance Security and Advance Payment Security in the same manner?</p> <p>Pictures of core sample are not presented in Geotechnical Investigation Report. Are we allowed to observe the original core sample at the Employer's office or soil investigation company?</p>	<p>Not acceptable. It is required that one (1) Bid Security shall be issued in accordance with ITB 19.7.</p>
2.	ITB Page BDS-3 ITB 6.5 Hardcopies are available for inspection at the Employer's Office by a prior appointment only.	<p>There is no mentioned of Detailed Evaluation of Technical Proposal and Method for Technical Evaluation that will result in the determination of a "Pass" or "Fail" based on the level of importance and assessment criteria (scoring system count) relevant to the completeness and responsiveness of the Technical Proposal.</p>	<p>Please refer to Annex C in this GBB</p>
3.	Page EQC-2 1.1 Technical Evaluation Detailed Evaluation and Method	<p>We request the Client to provide.</p> <p>In 1.1.1 Personnel (c), Section III Evaluation and Qualification Criteria, it is described that Cut and Cover Construction Manager is required. However, in 2.2 Proposed Key Personnel, Technical Bid: Contents No. 7.2 Project Management Plan, Section IV Bidding Forms, it is described that Cut</p>	<p>Bidders are expected to submit their Technical Bids in accordance with ITB, requirements of Bidding Documents including Works Requirements and fully considering the competitiveness of Bids.</p>
4.	EQC Page EQC-2 1.1.1 Personnel Cut and Cover Construction Manager d) Cut and Cover Construction	<p>We request the Client to provide.</p> <p>In 1.1.1 Personnel (c), Section III Evaluation and Qualification Criteria, it is described that Cut and Cover Construction Manager is required. However, in 2.2 Proposed Key Personnel, Technical Bid: Contents No. 7.2 Project Management Plan, Section IV Bidding Forms, it is described that Cut</p>	<p>"Cut and Cover Construction Manager" is correct. Please delete the word "track" from Sub-Clause 2.2 of Technical Bid: Contents No. 7.2 PROJECT MANAGEMENT PLAN.</p>

General Bid Bulletin No.5  
Annex "A"

Metro Manila Subway Project Phase 1 PACKAGE CP103 (Aronas and Katipunan)			
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
	Manager	and Cover Track Construction Manager is required. Please clarify which one is correct.	
5.	EQC Page EQC-10 2.4.2 (b) Specific experience relating to Stations and Tunnel Works, Form EXP-2(b) The requirement of the cross section of NATM tunnel 1) Two (2) project for tunneling works, each including bored tunnel by NATM method; At least, one (1) project including NATM tunnel of cross-sectional area more than 40 m2.	The requirement of the cross section of NATM tunnel is described to be more than 40m2 in 2.4.2 (b) Specific Experience relating to Station and Tunnel Works. However, it is described in the Form EXP-2(b) that the required cross section shall be more than 60 m2. Please clarify which figure is correct.	The 40 m2 is correct. Please read Key Activity (1) in Form EXP - 2(b) as follows:  Two (2) project for tunneling works, each including bored tunnel by NATM method; At least, one (1) project including NATM tunnel of cross-sectional area more than 40 m2.
6.	BF-62 Price Bid: Contents No.1 Letter of Price Bid (Form) The address of the Letter of Price Bid for CP103 is described as follows. To: Mr. Webster M. Laureñana THE CHAIRPERSON Bids and Awards Committee for CP104.....	The address of the Letter of Price Bid for CP103 shall be To: Mr. Webster M. Laureñana THE CHAIRPERSON Bids and Awards Committee for CP103....  Please clarify.	Please replace CP104 with CP103.
7.	Page PC14 Part B: Specific Provisions 1.5 Priority of Documents	The Contractor's Proposal is excluded from the Contract Document. We would like to request you to include the	Not acceptable. Contractor's Proposal is not listed in JICA Standard Bidding Documents for Procurement of Works including

Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)			
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
	<p>Delete the existing documents listed (a) – (i) and substitute with the following:                      “(1) the Contract Agreement (when completed and come into force);                      (2) the Letter of Acceptance;                      (3) the Letter of Technical Bid;                      (4) the Letter of Price Bid;                      (5) the Particular Conditions Part A: Contract Data;                      (6) the Particular Conditions Part B: Specific Provisions;                      (7) the General Conditions;                      (8) the Specifications;                      (9) the Drawings;                      (10) the completed Schedules; and any other documents forming part of the Contract; and                      (11) the Acknowledgement of Compliance with Guideline for Procurement under Japanese ODA Loans.”</p>	<p>Contractor's proposal in the Contract Documents.</p>	<p>the General Conditions of Contract.</p>
<b>Volume IA Bill of Quantities (BOQ)</b>			
8.	BOQ-7 Schedule 1: Work Items - Bill No. 1 through Bill No. 8	<p>There was no Soft copy of Excel sheets in CD ROM which consists of Volume V Part 4 Relevant Information only. Kindly provide it.</p>	<p>Volume V Part 4 Relevant Information is part of the Bidding Document submitted in CD ROM.</p>
9.	BOQ-66/C01.3.5 & C01.3.6	BOQ: C01.3.5 (Mock-up 6 - Mock-up for Katipunan	<p>Yes. It should be Mock-up 5, as per TS</p>

<b>Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)</b>			
<b>ITEM NO.</b>	<b>REFERENCE/CLAUSE/SECTION</b>	<b>QUERIES</b>	<b>RESPONSE</b>
		Public Toilet and Ticket Office) and C01.3.6 (Mock-up 6 - Mock-up for Ground Level Katipunan Entrance - 1).	
10.	BOQ - 275, 281 & 286 Waterproofing Fiber reinforced asphalt emulsion Polyethelene sheet; 6mil	Both BOQ Items are called Mock-up 6. Please confirm if BOQ-66/C01.3.5 should be read as Mock-up 5 instead? There is no pay item reference number for these 2 waterproofing works. Kindly provide the pay item reference numbers. Please confirm the locations of these 2 waterproofing items in the drawing.	Fiber reinforced asphalt emulsion Pay Item No 1016, location used in station plaza (AN & KP Station). For 6 mil Polyethelene sheet, Refer BOQ under Bill no.7A. Waterproofing location used in pedestrian bridge (KP Station).
11.	Diaphragm Wall BOQ-15, Pay Item No.2004(2), 2004(3)  BOQ-16, Pay Item No.2004(4), 2004(5), 2008(4)  BOQ-26, Pay Item No.2004(3), 2004(5)  BoQ-27, Pay Item No.2008(4)	According to the drawings, the Diaphragm Wall at the end of the Vertical Shaft and at between the Station and the Vertical Shaft is marked as "temporary". In this connection, please clarify that the construction costs for the said temporary part of Diaphragm Wall, i.e., costs for guide walls, installations, reinforcing bars, etc. of those temporary parts will not be re-measured nor paid in BQ2004 (2), (3), (4), (5) or BQ2008 (4).	Yes. The temporary works will be paid as lump sum in pay item 2000(1)
12.	Architectural Spare Materials BOQ-53/Bill NO.4A BOQ-66/Bill NO.4B  MEPF Spare Materials BOQ-168/Bill NO.5A	Please clarify if those items shall be certified in the Final Payment Certificate and the amount so certified shall be paid in accordance with sub-clause 14.7 of the Conditions of Contract.	Yes and subject to SC 4.25 of the Condition of Contract

<b>Metro Manila Subway Project Phase I PACKAGE CP103 (Anonas and Katipunan)</b>		<b>QUERIES</b>	<b>RESPONSE</b>
<b>ITEM NO.</b>	<b>REFERENCE/CLAUSE/SECTION</b>	<b>QUERIES</b>	<b>RESPONSE</b>
	BOQ-260/Bill NO.5B		
13.	BOQ-168/Bill NO.5A BOQ-260/Bill NO.5B MEPF Spare Materials Unit of Measurement: item	Please clarify the unit of measurement for those items is to be "lump sum" instead of "item".	Yes. It is Lump Sump
<b>Volume II Works Requirements Section VI Works Requirements – General Specification (GS)</b>			
14.	7.3 Inspection "The Contractor shall give notice to the Engineer whenever any work is ready...The Engineer shall then either carry out examinations, inspection, measurement or testing without unreasonable delay... 7.4 Testing "The working hours may be 24 hours per day/ seven days per week at the discretion of the Contractor..."ay... Page PC 3 Part A: 6.5 Normal Working Hours "The working hours may be 24 hours per day/ seven days per week at the discretion of the Contractor..."	Should there be a requirement for examination, inspection or measurement during the 24/7 work schedule of the Contractor, but not within the day or time work schedule of the Consultant/Engineer, it is our understanding that the Contractor does not need to pay additional cost to the Consultant/Engineer for the said examination, inspection or measurement performed by them. Is our understanding correct?	The Bidder's understanding is correct subject to the following:  The Bidder should note that such requirements for examination, inspection or measurement not within the day or time work schedule of the Consultant/Engineer will be strongly discouraged.  In case such examination etc. ever becomes necessary arising out of any fault or non-fulfillment of contractual obligations by the Contractor, both the Employer and the Engineer will reserve rights to claim for payment or reimbursement for additional costs from the Contractor.
15.	Page 109 Clause 120.1.1	Further to clause 120.1.1, Appendix 8 (Page 8-27) states that the Engineer has determined that the EDMS software shall be Bentley - ProjectWise.	Please refer to GS 140 - Appendix 8 Digital Engineering Requirements for EDMS Detailed Specification. Payment for PMIS/EDMS will be charge to Provisional Sum.

Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)		
ITEM NO.	REFERENCE/CLAUSE/SECTION	RESPONSE
ITEM NO.	REFERENCES	RESPONSE
	<p>The Contractor shall provide a web-bases information management system of transmittal of formal project correspondence, documents and information to ensure efficient information management on the Project.</p> <p>Page 113 Clause 120.6</p> <p>No separate payment shall be made for preparation and submission of the Document Submittal Register, Response Request, As-Built Drawings, Records and Reports or other requirements of this GS 120. All associated costs shall be deemed to have been included in the Provisional Sum items.</p>	<p>Schedule 3 Provisional Sum (Page BOQ -299) states that the provisional sum for (PS7) PMIS includes the licenses cost.</p> <p>1) Should the contractor consider the cost for engaging the vendor for training the Contractor's staff in using the software?</p> <p>2) Is the yearly software license renewal cost included in the provisional sum</p> <p>3) Is the cost for the minimum license requirements in Section 2.2 of Appendix 8 (Page App 8 - 33) included in the provisional sum?</p>
16.	<p>Page 158 Clause 138 Spare parts</p> <p>The Spare Parts to be supplied by the Contractor shall consist of:</p> <p>(i) Commissioning Spares; and (ii) Spare parts, consumables, and necessary tools required for two (2)</p>	<p>Please confirm the related Pay Item for Commissioning Spares. Is it also part of Pay Item C01.5.1 Architectural Spare Materials?</p> <p>Related to Item (i) and (ii) of Spare Parts, please advise the area where we can store the spare materials. Is there an allotted area for these spares?</p> <p>(i) Commissioning Spares: The Contractor shall keep on the Site throughout the installation, erection and commissioning periods. (Ref GS 138.3) (ii) Contract spares and consumables: The spare parts and consumables may be kept at material stores in stations. (Ref GS 138.1 (d))</p>

<b>Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)</b>		
ITEM NO.	REFERENCE/CLAUSE/SECTION	RESPONSE
QUERIES		RESPONSE
	years operation and maintenance after the Defect Notification Period (for those spare parts named in this paragraph (ii), hereinafter referred to as "Contract Spares").	
17.	Project Scope is Anonas station and Katipunan Station.	The Engineer will provide BIM LOD 300 Model Pedestrian Bridges
		BIM Model LOD 300 will be provided to the Contractor. The Bidder's understanding is that the model does NOT include the Pedestrian Bridges. Accordingly the Pedestrian bridge is NOT included in the scope of the BIM Execution Plan (BEP). Please confirm.
<b>Volume II Works Requirements Section VI Works Requirements – Technical Specification (TS)</b>		
18.	Page 104 2008.1.2 Codes and Standards Reinforcement Steel Specification for Steel Bars for Concrete Reinforcement is PNS 49:2002.	The latest edition of PNS 49 is 2020. Please accept the rebar to be complied with the latest edition 2020.  PNS 49-2020 is the correct designation
19.	Page 192 Part 22 2200 NATM and Related works	To construct Intermediate Pit (BOQ - Katipunan Station - Ortigas North Station, Pay Item No. 2100(8) ), the Contractor has to excavate cross passage by NATM. Please kindly provide NATM technical specification.  Please refer "Standard Specification for Tunneling 2016: Mountain Tunneling JSCE"
20.	Page 559 Clause 1804.2.1 Part 2c (ii) Frame and Blades: (i) Corrosion-protected aluminum	There appears to be a conflict in the coating requirements for the louvers. Powder coating and PVF2 are 2 different coating systems. Kindly clarify which coating system to be considered.  Follow Polyvinylidene fluoride coating as indicated in dwg (STN-AR-A-AN-0201), matching the TS - 1804.2.2 Part 2)



General Bid Bulletin No.5  
Annex "A"

Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)			
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
	<p>frame and blades. (ji) Finish: Powder coat, 1.5 to 3 mil. thick. Page 560 Clause 1804.2.2 Part 2 Louver assemblies shall be Polyvinylidene fluoride (PVF2)-coated, Page 567 Clause 1805.2.1 Part 2g Stainless steel floor grating shall be SS.316L hairline finish</p>	<p>There appears to be a conflict in the grade of stainless steel for the floor gratings.  Kindly clarify which grade of stainless steel should be considered.</p>	<p>Follow SS 316L grating as indicated in dwg (STN-AR-A-AN-9330), matching the TS - 1805.2.1 2)</p>
21.	<p>Page 568 Clause 1805.2.3 Part 1 Stainless-Steel Grating: Per ASTM A 240/A 240M, Type 304.</p>	<p>This paragraph has mentioned to be included in contract necessary applications, permit including fee, contribution fee. Etc, if required. Is this understanding correct ?</p>	<p>All the necessary fee incurred before/during/after the processing of permits, approvals, etc. In order to execute work and get final sign off from regulator entities.</p>
22.	<p>3: Mechanical, Electrical and Plumbing -General Requirement -Detailed Works Programme -5) Permit and Fee Application, Permit and necessary fee</p>	<p>Appendix 1 Specifications for MEPF Spare Is this list for overall CP-103 project? And please clarify how it is related with Works Requirements General Specifications (GS) 128DEFECTS LIABILITY, 138 SUPPLY OF SPARE</p>	<p>Section 128 Defects Liability- those spare parts that deals with failures of the contractor, physical damage works, etc while section 138- are basic spare parts list requirements use in the commissioning, maintenance of all systems, etc. These section shall be assessed by the</p>
23.	<p>(WR)_4(TS_MEP)_1Mar2021 App 1 Specifications for MEPF Spare Spare Parts Requirement</p>		

Metro Manila Subway Project Phase 1 PACKAGE CPI03 (Anonas and Katipunan)			
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
		PARTS, SPECIAL TOOLS, TEST EQUIPMENT AND CONSUMABLE	frequencies of demands and/or damages of these parts and consequently shall be given more percentage respectively. Section 138 spare parts percentages shall be basically based with BOQ. Generally, these sections almost in similarity with each other which shall objectively answer for a fail safe and/or trouble free operation. In any case, all doubts shall be correlated, refreed with, and/or assessed per best trade practices, expertise, and experience.
24.	(WR)_4(TS_MEP)_1Mar2021 118 Lighting system 1118.3.4 Warranty LED Lamp warranty	LED Lamp warranty DLP duration is stated 2years. Warranty and replacement of LED lump is stated 5yares document WR-TS_MEP1118.3.4 Warranty. Can we follow warranty and replacement of LED lump duration of DLP 2yares ?	All provisions stipulated in the Technical Specifications shall prevail, provide us manufacturer complying the statement.  That part of the technical specifications is clearly stated (ALREADY) in the queries column.
25.	(WR)_4(TS_MEP)_1Mar2021 Cable spec	Cabling and wiring material 1120 Electrical Wiring and Accessories All the mains, sub-mains and final sub-circuits shall include . . . . , low smoke zero halogen (LSOH) and anti-termite type. 1121 Low Voltage Power Cables 112.1.2 All low voltage power cables shall be of 600/1000V grade fire resistant type with Low Smoke and Fume (LSF) and zero halogen Can we choose LSOH cable for broth ?	All technical specifications for cables and their applications should be respected based on the technical specifications. To clarify further our response, in order to ensure compliance to the technical specification the cabling and wiring material must be correlated, interpreted and referred to the drawings per industry standards and best trade practices
26.	(WR)_4(TS_MEP)_1Mar2021 -6: Tunnel Lighting Tunnel Lighting system	Tunnel Lighting system Center of tunnel, Anonas st East Ave st Anonas st to Katipunan st Center of tunnel, Katipunan st to Ortigas st Considering tunnel lighting area, Please confirm.	Refer to the Employers drawing. Demarcation lines for all MEP works are basically the same even if it shows one service or system upon the other. Therefore, this connotes that the demarcation line as well shown here can be applied for tunnel lighting

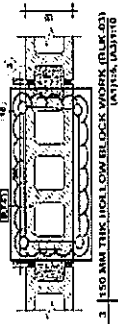
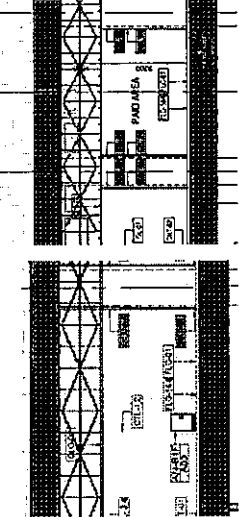
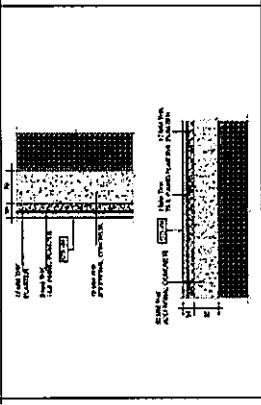
<b>Metro Manila Subway Project Phase 1 PACKAGE CP103 (Aonias and Katipunan)</b>		
ITEM NO.	REFERENCE/CLAUSE/SECTION	RESPONSE
	QUERIES	
		system, however, any doubt can be raised further for the designer's response as this issue(s) is their main scope. (Please refer to Ref Dwg No's STN-MEP-FPS-TUN6-2101 and STN-MEP-FPS-TUN7-210)
27.	(WR)_4(TS_MEP)_1Mar2021 Common Spare Parts Warranty Spare Parts Requirement	All provisions stipulated in the Technical Specifications shall prevail.
28.	(WR)_4(TS_MEP)_1Mar2021 Cabling and wiring material	All provision(s) stipulated in the Technical Specifications shall prevail.
29.	(WR)_4(TS_MEP)_1Mar2021 Maintenance Requirement	Maintenance requirement are shown in the TS & GS, please refer. As stated above Bidder should go through all the documents provided specially Tech Specs and Gen Specs concerning their query regarding "Maintenance Requirement, because this Bidder Query is technically shallow, since it is already specified in the Tech Specs and Gen Specs directly/indirectly with regards to maintenance requirement of MEPP system. Also if the General Consult will specify all the answers in clauses to

General Bid Bulletin No.5  
Annex "A"

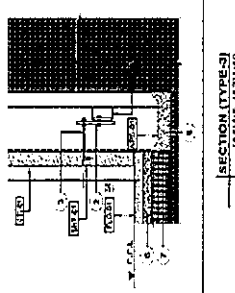
Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)			
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
30.	(WR)_3(TS_Arch)_16Mar2021 5) Mock-up Requirements. Arch & MEP DWGs Mock-Up Layout Katipunan St	WR-3 (TS Arch) 16Mar2021 For Katipunan St layout is deferent from (WR)_6(DRW)_30Mar2021. Please clarify.	provide the response to Bidder Query the GC reply (concerning this query) will consume too much space. But in order to satisfy the requirement of GBB No. 4 here are some (but not limited to) of the section that Bidder need to see – Gen Specs. Section 116, 121, & 129, - Tech Specs MEPP. "General Requirement" & Section 1109 onwards. For the toilet layout for mock up as per STN-AR-A-KP-1003
31.	4: Underground Structures Page. 66, 71 2007.1.3 Codes and Standards ASTM C 989 Standard Specification for GGBS for Use in Concrete and Mortars and 2007.2.1 General Requirements, 3) Concrete Components and 2007.2.3 General Requirement of Material, 10) GGBS  2007.2.1 3) The only materials permitted to be used to make concrete are: (a) OPC;	Despite the clause 2007.2.1 3) (see the left column), GGBS is listed as a material to be used for Ready Mixed Concrete in 2007.1.3 and 2007.2.3 10). Please confirm if the GGBS is allowed to use or not.	Yes. It is confirmed that GGBS is allowed to use.

<b>Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)</b>			
<b>ITEM NO.</b>	<b>REFERENCE/CLAUSE/SECTION</b>	<b>QUERIES</b>	<b>RESPONSE</b>
	(b) Coarse Aggregates; (c) Fine Aggregates; (d) Liquid admixtures; (e) Potable water		
32.	8_CP103_P2_S(VI)_(WR)_6(ED)_30 Nov2020_06_Civil_TBM, Drawing No. TN-CE-TBM-0058 Sermnet ring layout diagram sheet	TBM shall go through into East Ave. station because this drawing shows segments being assembled until wall structure of East ave. station. May we understand CP-103 contractor can retrieve TBMs from the arrival shaft? In addition, If TBMs can go into the East Ave. station, is it not necessary to consider the lining of mounting part (In-situ lining concrete)?	The construction sequence shall be determined by Contractor. The arrival and retravel method shall be coordinated with CP102 Contractor as interface coordination under contractors obligation.
33.	8_CP103_P2_S(VI)_(WR)_6(ED)_30 Nov2020_06_Civil_TBM, Drawing No. TN-CE-TBM-0064	TBM shall go through into Ortigas north station because this drawing shows segments being assembled until wall structure of Ortigas north station. May we understand CP-103 contractor can retrieve TBMs from the arrival shaft? In addition, if TBMs can go into the Ortigas north station, is it not necessary to consider the lining of mounting part (In-situ lining concrete)?	The construction sequence shall be determined by Contractor. The arrival and retravel method shall be coordinated with CP104 Contractor as interface coordination under contractors obligation.
<b>Volume III Part2: Works Requirements Works Requirements – Employer's Drawings (DRW)</b>			
34.	Section VI Works Requirements- Employer's Drawings (DRW)	We would appreciate it if you would furnish us with CAD files containing all Tender Drawings for preparation of technical proposal and tender submission.	CAD file will not be provided. Only successful bidder will receive it.
35.	STN-AR-A-KP-9001 STN-AR-A-KP-9030	ARE THE RC KERBS (UPSTAND) FOR INTERNAL WALLS MEASURED TOGETHER WITH RELATED WALL ITEMS? PLEASE CONFIRM	Such costs are considered incidental to the wall construction and should be included in the unit price for such wall construction. The construction shall comply with the relevant requirements of the Philippine Building

<b>Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)</b>		
ITEM NO.	REFERENCE/CLAUSE/SECTION	RESPONSE
	QUERIES	
	STN-AR-A-AN-9001 STN-AR-A-AN-9030	Codes. For Oil dyke, refer BOQ under pay item 900 (1) (c1).
36.	STN-AR-A-KP-9003 STN-AR-A-AN-9003	BOQ under pay item 900 (1) (c1) - Structural concrete.
37.	STN-AR-A-KP-9110 STN-AR-A-AN-9110	BOQ under pay item 900 (1) (c1) - Structural concrete.
38.	8_CP103_P2_S(VI)_(WR)_6(ED)_3M ar2021_05_Civil_KP/ DRG No.: STN-CE-KP-0002 STN-CE-KP-0009 Katipunan Station B2F LEVEL PLAN: Power Shaft at Entrance-1 8_CP103_P2_S(VI)_(WR)_6(ED)_29 Mar2021_15_Arch_KP/ DRG No.: STN-AR-A-KP-1004	Follow STN-CE-KP-0002 which is as per latest revision of arch drawing STN-AR-A-KP-1004 and MEP drawing STN-MEP-VAC-KP-3120.
39.	STN-AR-A-KP-9001 STN-AR-A-AN-9001	Waterproofing not required for dry areas.

Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)		REFERENCES/CLAUSE/SECTION	QUERIES	RESPONSE
ITEM NO.				
40.	STN-AR-A-KP-9001 STN-AR-A-AN-9001		<p>Please confirm if mortar infill is not required inside core areas of concrete hollow blocks.</p>  <p>3. 150 MM THICK CONCRETE BLOCK WORK (BLOCKS) WITH MORTAR</p>	"Fill all cells with mortar as per structural requirements. Refer drawing no: STA-S-KP-3010, for typical details
41.	STN-AR-A-AN-1602 STN-AR-A-AN-1700  STN-AR-A-KP-1602 STN-AR-A-KP-1700 Height of Granite Wall Finish		<p>For areas with ceiling, some sections show the height of Granite is up to soffit of slab while at other sections is only up to Ceiling height. Please clarify (Both for Anonas and Katipunan Stations)</p> 	Granite height is up to ceiling line +100mm. (STN-AR-A-KP-2916 / STN-AR-A-AN-2902)
42.	STN-AR-A-KP-9002 STN-AR-A-AN-9002 70mm thk additional concrete		<p>Please advise Pay Item for 70mm thk. Additional Concrete.</p> 	Corresponding filling composed as part of material system. Therefore, it is not considered as separate pay items.
43.	STN-AR-A-KP-9003		Please advise Pay Item for 70mm thk. Additional	Corresponding filling composed as part of material

*Handwritten mark*

Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)		QUERIES	RESPONSE
ITEM NO.	REFERENCE/CLAUSE/SECTION		
	STN-AR-A-AN-9003 Mortar below waterproofing	Concrete. 	system. Therefore, it is not considered as separate pay items.
44.	STN-AR-A-KP-9230 STN-AR-A-AN-9230 Mass Concrete Wall	Please advise Pay Item for Mass Concrete Wall.	Include in pay item 900 (1) (C1)
45.	STN-AR-AN-5310 STN-AR-A-KP-5310 Lactation Room	Please confirm what pay item this Countertop with under the counter cabinet and opens shelves at Lactation Room. Further, please confirm the type of material to be used for the countertop, the open shelves and the cabinet door.	Follow pantry counter detail (STN-AR-A-AN-9640). Counter top: Stainless steel countertop (TS 1821) Cabinet & Open shelves: High-density Particle (HDP) board in laminate finish(TS 1812)
46.	STN-AR-A-KP-9670 STN-AR-A-KP-1302 Details of EV-02 at B2F Level	Drawing Description at STN-AR-A-KP-9670 is for Details of EV-02 but on the Drawings its shows details for EV-01. Please clarify.	The elevator at Grid 18 in drawing (STN-AR-A-KP-1302) noted is EV-03 which is from Concourse to Platform. In detail sheet (STN-AR-A-KP-9670), the details call out & drawing description (title) is wrongly noted. The correct detail call out and description should be EV-03.
47.	STN-AR-A-AN-9670 STN-AR-A-AN-1303 Details of EV-02 at B2F Level	Drawing Description at STN-AR-A-AN-9670 is for Details of EV-02 but on the Drawings its shows details for EV-01. Please clarify.	The elevator at Grid 19 in drawing (STN-AR-A-AN-1303) noted is EV-02 which is from Concourse to Platform. In detail sheet (STN-AR-A-AN-9670), the drawing description(title) noted correctly as EV 02, whereas in details callout wrongly mentioned as EV-01. The correct detail call out should be EV-02.
48.	STN-AR-A-AN-0501 - (Finishing Schedule)	In Finishing Schedule, wall finishes for DB Room are PT-02 (Acrylic Polyurethane) and GWW-01	Follow the finishes schedule as wall tag at DB room AN station is incorrect.

~



Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)			
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
	STN-AR-A-AN-1205 - (BIF Level Plan) Wall Finishes for DB Room	(Glass Wool Acoustic Panel). While shown in BIF Level Plan it is WL-00 (no wall finishes). Please clarify what should be the wall finishes for DB Room.	
49.	STN-AR-A-AN-0101	No detailed design drawings & plans of Wall Finishes for elevation view of GF and B2F.	Refer to STN-AR-A-AN-2800 to 2804 for GF elevation. For B2F(Technical level), refer to finishing schedule STN-AR-A-AN-0501.
50.	STN-AR-A-AN-4019 STN-AR-A-AN-9062 STN-AR-A-KP-4019 STN-AR-A-KP-9062 Ceiling support	The sizes for ceiling supports were not specified in the section details. See sample drawing below. Please advise. This is for both Anonas and Katipunan Station. Also, in which pay item can we find these ceiling supports in BOQ.	The ceiling supports are to be as per technical specification and manufacturer recommendations.  Corresponding necessary supports are part of ceiling system. Therefore, it is not considered as separate pay items.
51.	Station Drainage DWGs	Station Drainage system Ø100 WP C.I and FD for parameter wall from concourse level to under platform level. This drainage piping has not mentioned DWG Station Drainage System Schematic Diagram. Is it MEP scope of work? If it is MEP scope, can we stop installation of stack pipe at platform level? (by others) meaning supply & installation by others? Or supply by others installation by contractor?	Connection of Drainage pipe from concourse to platform is MEP Scope of work. Underplat form tapping to sump pit is Civil Scope of Work.
52.	30Sep2020_22_Station Plaza SPL-E-AN-5001 Land scape Lighting Fixture (by others)		Landscape Lighting Fixture will be provided by the Landscape scope of station plaza works. Contractor to provide everything. Drawings will be revised.

Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)		
ITEM NO.	REFERENCE/CLAUSE/SECTION	RESPONSE
		<p>                     -UL - UP LIGHT SPIRE TYPE, IP65 1X 9W LED (BY OTHERS)                      -UL-L - UP LIGHT SPIRE TYPE, IP65 1X 9W LED (BY OTHERS)                      -RWA - RECESSED WALL LIGHT TYPE, IP65 1X 9W LED (BY OTHERS)                      -BL - BOLLARD LIGHT, IP65 1X 9W LED (BY OTHERS)                      -RL - ROUND LIGHT, IP65 1X 9W LED (BY OTHERS)                      -SL - STRIP LIGHT, IP65 1X 2W LED (BY OTHERS)                      -CP - COESSA COLUMN PROJECTOR WATTAGE: 110 W/LAMP: 4X3 LED H (LAMP'S PER POST) (BY OTHERS)                 </p>
53.	<p>30Sep2020 22 Station Plaza SPL-C-DR-AN-1041, 1042 SPL-A-LA-AN-2501, 2502 Area Drain</p>	<p>"300x300 DRAINAGE CANAL" is mentioned for area drain in Drainage DWGs. "200x200mm area drain" is mentioned Land scape DWGs. Can we follow only Drainage DWGs ? If necessary to follow Land scape DWGs, Please provide piping layout DWGs.</p>
54.	<p>01_CP103_P1_S(LA)_(BF-BOQ)_8Jun e2021 / STN MEP VAC-AN-5101 / STN MEP VAC-AN-2101 Cooling Tower's water flow rate Equipment tag: AN-GL-CT-01 &amp; 02</p>	<p>Cooling Tower (CT), Equipment Schedule and BOQ file CT's flow rate = 3,403 lpm, while Schematic Drawing CT's flow rate = 4,411 lpm. Can we presume that CT's water flow rate shown on Equipment Schedule and BOQ is correct? Please advise.</p>
55.	<p>01_CP103_P1_S(LA)_(BF-BOQ)_8Jun e2021 / STN MEP VAC-AN-5101 / STN MEP VAC-AN-2101 Water-Cooled Chiller's cooling capacity</p>	<p>Water Cooled Chiller (WCC), Equipment Schedule and BOQ file WCC's cooling capacity = 883 kW, while Schematic Drawing WCC's cooling capacity = 1,285 kW. Can we presume that WCC's cooling capacity shown on Equipment Schedule and BOQ is</p>

General Bid Bulletin No.5  
Annex "A"

Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)			
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
56.	<p>Equipment tag: AN-MZ-WCC-01 &amp; 02</p> <p>01_CP103_P1_S(IA)_(BF-BOQ)_8Jun e2021 / STN MEP VAC-AN-5101 / STN MEP VAC-AN-2101 Chilled Water Pump's flow rate Equipment tag: AN-MZ-CHWP-01, 02 &amp; 03 (for WCC)</p>	<p>correct? Please advise.</p> <p>Chilled Water Pump (CHWP), Equipment Schedule and BOQ file CHWP's flow rate = 2,722 lpm, while Schematic Drawing CHWP's flow rate = 3,529 lpm. Can we presume that CHWP's flow rate shown on Equipment Schedule and BOQ is correct? Please advise.</p>	<p>Contractor to follow Equipment Schedule and BOQ</p>
57.	<p>01_CP103_P1_S(IA)_(BF-BOQ)_8Jun e2021 / STN MEP VAC-AN-5101 / STN MEP VAC-AN-2101 Condenser Water Pump's flow rate Equipment tag: AN-MZ-CDWP-01, 02 &amp; 03 (for WCC)</p>	<p>Condenser Water Pump (CDWP), Equipment Schedule and BOQ file CDWP's flow rate = 3,403 lpm, while Schematic Drawing CDWP's flow rate = 4,411 lpm. Can we presume that CDWP's flow rate shown on Equipment Schedule and BOQ is correct? Please advise.</p>	<p>Contractor to follow Equipment Schedule and BOQ</p>
58.	<p>01_CP103_P1_S(IA)_(BF-BOQ)_8Jun e2021 / STN MEP VAC-AN-5101 / STN MEP VAC-AN-2101 Air-Cooled Chiller's cooling capacity Equipment tag: AN-GL-ACC-01 &amp; 02</p>	<p>Air Cooled Chiller (ACC), Equipment Schedule and BOQ file ACC's cooling capacity = 107.4 kW, while Schematic Drawing ACC's cooling capacity = 90.4 kW. Can we presume that ACC's cooling capacity shown on Equipment Schedule and BOQ is correct? Please advise.</p>	<p>Contractor to follow Equipment Schedule and BOQ</p>
59.	<p>01_CP103_P1_S(IA)_(BF-BOQ)_8Jun e2021 /</p>	<p>Chilled Water Pump (CHWP), Equipment Schedule and BOQ file CHWP's flow rate = 307 lpm, while Schematic Drawing CHWP's flow rate = 258 lpm.</p>	<p>Contractor to follow Equipment Schedule and BOQ</p>

20

Metro Manila Subway Project Phase 1 PACKAGE CP103 (Anonas and Katipunan)			
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
	STN MEP VAC-AN-5101 / STN MEP VAC-AN-2101 Chilled Water Pump's flow rate Equipment tag: AN-MZ-CHWP-001 & 002 (for ACC)	Can we presume that CHWP's flow rate shown on Equipment Schedule and BOQ is correct? Please advise.	
<b>Volume IV Part3: Conditions of Contract and Contract Forms</b>			
60.	CF Page CF 4 ANNEX 2 Form of Contract Agreement Conditions of Payment It is described in item 3, "in consideration of the payments to be made by the Employer to the Contractor as indicated in the Letter of Acceptance, the Contractor hereby	Please clarify that the sentence, "the payments to be made by the Employer to the Contractor as indicated in the Letter of Acceptance." is correct, We think that "the Letter of Acceptance" shall be changed to "this agreement", since "this agreement" is used in the Form of Contract Agreement of CP102 or CP104 as far as we know.	Please replace the wording of "Letter of Acceptance" in Clause 3 of FORM OF CONTRACT AGREEMENT with the wording of "this Agreement"

2

<b>Metro Manila Subway Project Phase 1</b> <b>PACKAGE CP103 (Anonas and Katipunan)</b>	
<b>ITEM NO.</b>	<b>REFERENCE CLAUSE/SECTION</b>
	<b>ADDENDUM No. 3</b>

<i>Volume I, Part 1 - Bidding Procedures</i>	
1.	<p>ITB7.1 Page BDS-3</p> <p>Replace the email address as below:</p> <p><del>Email Address: psdotr_cp103@ps-philingeps.gov.ph</del>                      Email Address: psdotr_cp102-103@ps-philingeps.gov.ph</p>
2.	<p>Vol. I, Section III, Page EQC-2, Evaluation and Qualification Criteria, 1.1.1 Personnel</p> <p>In Sub-Clause 2.2 of Technical Bid: Contents No. 7.2 PROJECT MANAGEMENT PLAN, please delete the word "Track" from "Cut and Cover Track Construction Manager" to read as "Cut and Cover Construction Manager".</p>
3.	<p>Vol. I, Section IV, Page BF-32, Bidding Forms, Form EXP-2(b)</p> <p>Please read Key Activity (1) in Form EXP – 2(b) as follows:</p> <p>Two (2) project for tunneling works, each including bored tunnel by NATM method; At least, one (1) project including NATM tunnel of cross-sectional area more than 40 m<sup>2</sup>.</p>
4.	<p>Vol. I, Section IV, BF-62, Price Bid Contents No.1 Letter of Price Bid (Form)</p> <p>Please replace the word CP104 to CP103 in the phrase "Bids and Awards Committee for CP104" to read as "Bids and Awards Committee for CP103"</p>
<i>Volume IV, Part 3 - Conditions of Contract and Contract Forms</i>	
5.	<p>Vol. IV, Section IX, Page CF-4 ANNEX2 Form of Contract Agreement.</p> <p>Please replace the wording of "Letter of Acceptance" in Clause 3 of FORM OF CONTRACT AGREEMENT with the wording of "this Agreement".</p>

---

METRO MANILA SUBWAY PROJECT PHASE 1  
PACKAGE CP103 (Anonas and Katipunan)

---

Geotechnical Investigation: Pictures of core sample

Please see Attachment



## Form EXP – 2(b): Specific Experience in Key Activities relating to Stations and Tunnels Works

[The following table shall be filled in for Contracts performed by the Bidder and by each member of a JV.]

Date: [insert day, month, year]  
Bidder's Legal Name: [insert full name]  
Specialist Subcontractor's Legal Name: [insert full name]  
IFB No.: [insert number]  
Page [insert page number] of [insert total number] pages

[Fill out one (1) form per Contract, in accordance with Section III, Evaluation and Qualification Criteria Sub-Factor 2.4.2(b).]

Key Activity:

Experience of design, manufacture, supply, installation, delivery, testing and commissioning of the following:

Key Activity (1)

Two (2) project for tunneling works, each including bored tunnel by NATM method;

At least, one (1) project including NATM tunnel of cross-sectional area more than 40 m<sup>2</sup>.

Item	Information	
Contract Identification	[insert contract name and number, if applicable]	
Award Date	[insert day, month, year, e.g., 15 June, 2015]	
Completion Date	[insert day, month, year, e.g., 03 October, 2017]	
Role in Contract [check the appropriate box]	Prime Contractor	Sub-contractor  <input type="checkbox"/>
	Single entity <input type="checkbox"/>	

Total Contract Amount	<i>[insert total contract amount in local currency]</i>		US\$ <i>[insert Exchange rate and total contract amount in US\$ equivalent]*</i>
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year <i>[Insert extent of participation indicating actual quantity of key activity successfully completed in the role performed]</i>	Total quantity in the contract (i)	Percentage participation (ii)	Actual Quantity Performed (i) x (ii)
Year 1			
Year 2			
Year 3			
Year 4			
Year 5			
Year 6			
Employer's Name:	<i>[insert full name]</i>		
Address:	<i>[indicate street / number / town or city / country]</i>		
Telephone/Fax Number:	<i>[insert telephone/fax numbers, including country and city area codes]</i>		
E-mail:	<i>[insert E-mail address, if available]</i>		
<p>1. Attached are copies of original documents of</p> <p><input type="checkbox"/> Taking-Over Certificate or Performance Certificate or other similar certificate from the Employer or their evidence.</p>			



Price Bid: Contents No. 1

### LETTER OF PRICE BID (FORM)

Date: *[insert date of Bid submission]*

Loan Agreement No.: PH-P267

IFB No.: *[insert number]*

To: **Mr. Webster M. Laureñana**  
THE CHAIRPERSON  
Bids and Awards Committee for CP103  
Procurement Service  
PS Complex,  
RR Road, Cristobal Street  
Paco, Manila 1007  
Philippines

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including addenda issued in accordance with Instructions to Bidders (ITB 8). *[Insert the number and issuing date of each addendum]*;
- (b) We offer to execute in conformity with the Bidding Documents and Technical Bid the following Works:

***Package CP103 : Two Underground Stations (Anonas and Katipunan) and Tunnels***

***[Delete the following if not applicable:]***

We execute our option to bid for both of Packages CP102 and CP103.

- (c) The total price of our Bid, excluding any discounts offered in item (d) *[and (d-1), if applicable]* and excluding Value Added tax below is:

**Local Currency:**

**(in figures)**

**(in words)**



**And**

**Foreign Currency:**

**(in figures)**

**(in words)**

(d) The discounts offered and the methodology for their application are:

The discounts offered are: *[specify in detail each discount offered.]*

The exact method of calculations to determine the net price after application of discounts is shown below: *[specify in detail the method that shall be used to apply the discounts.]*

(d-1) If the Bidder wishes to offer the discounts for the contract combination of CP102 and CP103, the Bidder shall specify the discounts/deduction offered and the methodology for their application.

*[the Contract Combination]*

*The discounts offered are: [specify in detail each discount offered.]*

*The exact method of calculations to determine the net price after application of discounts is shown below: [specify in detail the method that shall be used to apply the discounts.]*

(e) Our Bid shall be valid for a period of *[specify the number of calendar days]* days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our Bid is accepted, we commit to obtain a Performance Security in accordance with the Bidding Documents;

(g) We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed; and

(h) We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive;

Name of the Bidder\* *[insert complete name of person signing the Bid]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder\*\* *[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid *[insert complete title of the person signing the Bid]*

Signature of the person named above *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* day of *[insert month]*, *[insert year]*

\*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

\*\* : Person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid.



**ANNEX 2**

**FORM OF CONTRACT AGREEMENT  
(Refer Sub-Clause 1.6 of the Conditions of Contract)**

*This Agreement made this [insert day] day of [insert month], [insert year], between Department of Transportation of Republic of the Philippines (hereinafter called the "Employer") of the one part and [insert name of the Contractor] of (hereinafter called "the Contractor") of the other part.*

**Whereas** the Employer desires that the Works known as the Contract Package CP103 Two Underground Stations (Anonas and Katipunan) and Tunnels should be executed by the Contractor, and has accepted a Bid by the Contractor for the execution and completion of these Works and the remedying of any defects therein.

**The Employer and the Contractor agree as follows:**

- 1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents hereinafter referred to.**
- 2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.**
  - (a) the Letter of Acceptance dated \_\_\_\_\_ ;**
  - (b) the Letter of Technical Bid dated \_\_\_\_\_ ;**
  - (c) the Letter of Price Bid dated \_\_\_\_\_ ;**
  - (d) the Particular Conditions–Part A Contract Data;**
  - (e) the Particular Conditions–Part B Specific Provisions;**
  - (f) the General Conditions;**
  - (g) the Specification;**
  - (h) the Drawings;**

- (i) the completed Schedules; and any other documents forming part of the Contract; and
  - (j) the Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans.
3. In consideration of the payments to be made by the Employer to the Contractor as indicated in this Agreement, the Contractor hereby covenants with the Employer to design, execute and complete the Works and to remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the design, execution and completion of the Works and the remedying of defects therein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

In Witness whereof, the parties hereto have caused this Agreement to be executed in accordance with the law of the Republic of the Philippines on the day, month and year specified above.

Signed by :

Name:

Position:

For and on behalf of the Contractor

In the presence of:

Signed by :

Name:

Position:

For and on behalf of the Employer

In the presence of:



Name:

Name:

Address:

Address:

Date:

Date:

*W*