



General Bid Bulletin No. 10
10 November 2021

METRO MANILA SUBWAY PROJECT PHASE I

PACKAGE CP102:
TWO UNDERGROUND STATIONS (QUEZON AVENUE AND EAST AVENUE)
AND TUNNELS
(IFB No: 21-034-6)

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
WEBSTER M LAUREÑANA
Chairperson

General Bid Bulletin No.10
Annex "A"

Metro Manila Subway Project Phase 1 PACKAGE CP102 (Quezon Avenue and East Avenue)		
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES
		RESPONSE

Volume I Part I: Bid Procedures		
1.	<p>BDS-6 14.8 Covid Policy</p> <p>The Employer is in the process of finalizing a mechanism to address all COVID-19 Effects related issues and claims that it intends to use for all its ADB- and JICA-funded projects. This mechanism, once finalized, will be published in a bid bulletin.</p>	<p>The Bidder would like to seek an update or the issuance of the Bid Bulletin in relation to this ITB.</p> <p>This matter will be discussed with the successful Bidder during the contract negotiation stage.</p>
2.	<p>GBB No. 7 1 of 2 ITEM NO. 2</p> <p>Bids and Awards Committee for CP102 Procurement Service PS Complex, RR Road Cristobal Street Paco, Manila 1007 Philippines</p>	<p>The Bidder would like to confirm if the address for the bid submission as well as the "Beneficiary" portion for the Bid Security (Bank Guarantee) in page BF-10 for the Bid Security is correct.</p> <p>If not, please provide the correct address and "Beneficiary" intended for CP102.</p> <p>The "Beneficiary" portion in page BF-10 for the Bid Security is correct.</p>
3.	<p>Volume I Part 1, Section IV Bidding Forms (BF) BF-37 Bid Programme</p>	<p>The Bidder would like to request the Employer to kindly provide the assumed Commencement date to base the Bid Programme which is to be submitted in Tendering.</p> <p>For Bid purposes the target Commencement Date to be 1st December 2022.</p>
Volume IA Bill of Quantities (BOQ)		

Metro Manila Subway Project Phase 1 PACKAGE CPI102 (Quezon Avenue and East Avenue)		QUERIES	RESPONSE
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
4.	Volume 1A Part 1 Bill of Quantities (BOQ) BOQ-296 Source of index LF*1 EF*2 EM*3 *1: Consumer Price Indexes published by the Statistics Bureau of Japan. *2: Consumer Price Indexes published by the Statistics Bureau of Japan. *3: Consumer Price Indexes published by the Statistics Bureau of Japan.	In the Consumer Price Index (CPI) by the Statistics Bureau of Japan, there is no category/item which identifies as Labour, Construction Equipment, or Construction Material. Therefore, the Bidder would like to use Kensetsu Bukka for the indices of Labour, Equipment, and Materials. Considering the above situation, please allow Bidders to use Kensetsu Bukka as a source of index.	The Employer is ready to evaluate the following additional source of index: Labor: Monthly Wage Index (Table 1) for Fixed Salary of All Industries (over 30 employees) published by the Ministry of Health, Labor and Welfare. Equipment: (1) Services Producer Price Index published by the Bank of Japan. (2) Monthly Report on Construction Price Index published by Construction Research Institute Material: Monthly Report on Construction Price Index published by Construction Research Institute.
5.	Section IV Bidding Form Bill of Quantities Bill NO.2B PREPARATION AND TEMPORARY WORK No.;2000/PAY ITEM No.;2001(2)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Delete Pay item from BOQ.
6.	Section IV Bidding Form Bill of Quantities Bill NO.2B PREPARATION AND TEMPORARY WORK No.;2001/PAY ITEM No.;2001(6)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2001(5) in BOQ.
7.	Section IV Bidding Form Bill of Quantities Bill NO.2C PREPARATION AND	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Amend Description in BOQ "Removal of Existing Concrete Curb at Sidewalk and Base Course".

Metro Manila Subway Project Phase 1 PACKAGE CPI02 (Quezon Avenue and East Avenue)			RESPONSE
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
	TEMPORARY WORK No.;2001/PAY ITEM No.;2001(2)		
8.	Section IV Bidding Form Bill of Quantities Bill NO.2C PREPARATION AND TEMPORARY WORK No.;2001/PAY ITEM No.;2001(6)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2001(5) in BOQ.
9.	Section IV Bidding Form Bill of Quantities Bill NO.2C PREPARATION AND TEMPORARY WORK No.;2001/PAY ITEM No.;2001(5)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Add Pay item "Removal of Existing Street Signs" in TS as 2001(6).
10.	Section IV Bidding Form Bill of Quantities Bill NO.2C REINSTATEMENT OF EXISTING FACILITIES /No.;2005/PAY ITEM No.;2005(5)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Add Pay item "Reinstatement of sidewalk" in TS as 2005(5) a.
11.	Section IV Bidding Form Bill of Quantities Bill NO.2C REINSTATEMENT OF EXISTING FACILITIES /No.;2005/PAY ITEM No.;2005(9)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2005(8) in BOQ.
12.	Section IV Bidding Form Bill of Quantities Bill NO.2C REINSTATEMENT OF EXISTING FACILITIES /No.;2005/PAY ITEM No.;2005(8)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2005(9) in BOQ.

Metro Manila Subway Project Phase 1 PACKAGE CP102 (Quezon Avenue and East Avenue)		QUERIES	RESPONSE
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13.	Section IV Bidding Form Bill of Quantities Bill NO.2A Concrete Class C1 No.;2007/PAY ITEM No.;2007(2)a	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(2) in BOQ.
14.	Section IV Bidding Form Bill of Quantities Bill NO.2A Concrete Class C2 No.;2007/PAY ITEM No.;2007(3)a	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(5) in BOQ.
15.	Section IV Bidding Form Bill of Quantities Bill NO.2B Concrete Class C1 /No.;2007/PAY ITEM No.;2007(2)a	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(2) in BOQ.
16.	Section IV Bidding Form Bill of Quantities Bill NO.2B Concrete Class C1 /No.;2007/PAY ITEM No.;2007(2)b	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(3) in BOQ.
17.	Section IV Bidding Form Bill of Quantities Bill NO.2B Concrete Class C1 /No.;2007/PAY ITEM No.;2007(2)c	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(4) in BOQ.
18.	Section IV Bidding Form Bill of Quantities Bill NO.2B Concrete Class C2 No.;2007/PAY ITEM No.;2007(3)a	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(5) in BOQ.
19.	Section IV Bidding Form Bill of Quantities Bill NO.2B Concrete Class C3 No.;2007/PAY ITEM No.;2007(4)b	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Amend Description in TS2007(6)c "Concrete, Class C3 for End Walls and Side Walls of Station".
20.	Section IV Bidding Form Bill of Quantities Bill NO.2B Concrete Class C3 No.;2007/PAY ITEM No.;2007(4)c	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(6)d in BOQ.

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ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
21.	Section IV Bidding Form Bill of Quantities Bill NO.2B Concrete Class C3 No.;2007/PAY ITEM No.;2007(4)d	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(6)e in BOQ.
22.	Section IV Bidding Form Bill of Quantities Bill NO.2B Concrete Class C3 No.;2007/PAY ITEM No.;2007(4)e	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(6)f in BOQ.
23.	Section IV Bidding Form Bill of Quantities Bill NO.2B Concrete Class D No.;2007/PAY ITEM No.;2007(5)a	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(7) in BOQ.
24.	Section IV Bidding Form Bill of Quantities Bill NO.2B Concrete Class D No.;2007/PAY ITEM No.;2007(5)b	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(8) in BOQ.
25.	Section IV Bidding Form Bill of Quantities Bill NO.2C Concrete Class C1 No.;2007/PAY ITEM No.;2007(2)a	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(2) in BOQ.
26.	Section IV Bidding Form Bill of Quantities Bill NO.2C Concrete Class C1 No.;2007/PAY ITEM No.;2007(2)b	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(3) in BOQ.
27.	Section IV Bidding Form Bill of Quantities Bill NO.2C Concrete Class C1 No.;2007/PAY ITEM	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(4) in BOQ.

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ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
	No.;2007(2)c		
28.	Section IV Bidding Form Bill of Quantities Bill NO.2C Concrete Class C2 No.;2007/PAY ITEM No.;2007(3)a	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(5) in BOQ.
29.	Section IV Bidding Form Bill of Quantities Bill NO.2C Concrete Class C3 No.;2007/PAY ITEM No.;2007(4)b	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(6)c in BOQ.
30.	Section IV Bidding Form Bill of Quantities Bill NO.2C Concrete Class C3 No.;2007/PAY ITEM No.;2007(4)c	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(6)d in BOQ.
31.	Section IV Bidding Form Bill of Quantities Bill NO.2C Concrete Class C3 No.;2007/PAY ITEM No.;2007(4)d	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(6)e in BOQ.
32.	Section IV Bidding Form Bill of Quantities Bill NO.2C Concrete Class C3 No.;2007/PAY ITEM No.;2007(4)e	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(6)f in BOQ.
33.	Section IV Bidding Form Bill of Quantities Bill NO.2C Concrete Class D No.;2007/PAY ITEM No.;2007(5)a	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Change Pay Item to 2007(7) in BOQ.
34.	Section IV Bidding Form Bill of Quantities Bill NO.2C Concrete Class	No corresponding Pay Item is found in the relevant section of Technical Specifications.	Change Pay Item to 2007(8) in BOQ.

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	D No.;2007/PAY ITEM No.;2007(5)b	Please clarify.	
35.	Bill NO.2C /No.;2007/PAY ITEM No.;2007(9)	No corresponding Pay Item is found in the relevant section of Technical Specifications. Please clarify.	Add Description in TS2007(9) "Concrete Class G for Slope Protection Retaining Wall".
36.	Section IV Bidding Form Bill of Quantities Bill NO.2B Couplers for Station /No.;2008/PAY ITEM No.;2008(6) Coupler Φ20 for Entrance and Ventilation Shafts/Ducts	The description of BOQ No. 2008 (6): Coupler Φ20 for Entrance and Ventilation Shafts/Ducts (Page BOQ-24) does not match the description of Pay Item 2008 (6): Coupler for Station in TS 2008.26.2. Please clarify.	Amend Description in TS2008(6) "Coupler for Station, Entrance and Ventilation Shaft".
37.	Section IV Bidding Form Bill of Quantities Bill NO.2B Drilled Steel Bars with Epoxy Resin /No.;2008/PAY ITEM No.;2008(6) Drilled Rebar dia 32 /717nos	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2008(3) in BOQ.
38.	Section IV Bidding Form Bill of Quantities Bill NO.2B Drilled Steel Bars with Epoxy Resin /No.;2008/PAY ITEM No.;2008(6) Drilled Rebar dia 36 /124nos	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2008(3) in BOQ.
39.	Section IV Bidding Form Bill of Quantities Bill NO.2C Drilled Steel Bars with Epoxy Resin /No.;2008/PAY ITEM No.;2008(6) Drilled Rebar dia 20 /150nos	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2008(3) in BOQ.
40.	Section IV Bidding Form Bill of	The Description of BOQ Pay Item differs from the	Change Pay Item to 2008(3) in BOQ.

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ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
	Quantities Bill NO.2C Drilled Steel Bars with Epoxy Resin /No.;2008/PAY ITEM No.;2008(6) Drilled Rebar dia 28 /400nos	corresponding Technical Specifications. Please clarify.	
41.	Section IV Bidding Form Bill of Quantities Bill NO.2C Drilled Steel Bars with Epoxy Resin /No.;2008/PAY ITEM No.;2008(6) Drilled Rebar dia 36 /1274nos	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2008(3) in BOQ.
42.	Section VI Work Requirement Technical Specification 2010 STEEL WORKS TS 2010.9.2 PAY ITEM No. 2010(1) "Evacuation Passage"	Employers are requested to confirm that "Evacuation Passage" referred to by TS Pay Item 2010.9.2 (1) is not a part of the Contractor's Scope of Work.	TS 2010 9.2 (1) is not applicable. For Evacuation passage, please refer to TS 2100(7).
43.	Section IV Bidding Form Bill of Quantities Bill NO.2B WATERPROOFING /No.;2011/PAY ITEM No.;2011(2)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2011(3) in BOQ.
44.	Section IV Bidding Form Bill of Quantities Bill NO.2B WATERPROOFING /No.;2011/PAY ITEM No.;2011(5)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2011(4) in BOQ.
45.	Section IV Bidding Form Bill of Quantities Bill NO.2B WATERPROOFING /No.;2011/PAY ITEM No.;2011(3)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2011(5) in BOQ.
46.	Section IV Bidding Form Bill of	The Description of BOQ Pay Item differs from the	Change Pay Item to 2011(3) in BOQ.

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ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
47.	<p>Quantities Bill NO.2C WATERPROOFING /No.;2011/PAY ITEM No.;2011(2) Section IV Bidding Form Bill of Quantities Bill NO.2C WATERPROOFING /No.;2011/PAY ITEM No.;2011(5)</p>	<p>corresponding Technical Specifications. Please clarify. The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.</p>	<p>Change Pay Item to 2011(4) in BOQ.</p>
48.	<p>Section IV Bidding Form Bill of Quantities Bill NO.2C WATERPROOFING /No.;2011/PAY ITEM No.;2011(3)</p>	<p>The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.</p>	<p>Change Pay Item to 2011(5) in BOQ.</p>
49.	<p>Section IV Bidding Form Bill of Quantities Bill NO.2B REINSTATEMENT OF EXISTING FACILITIES No.;2013 PAY ITEM No. 2013(9) DESCRIPTION; Ductile iron pipeφ50</p>	<p>The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.</p>	<p>Add Pay Item in TS2013(11) "Ductile pipe".</p>
50.	<p>Section IV Bidding Form Bill of Quantities Bill NO.2B REINSTATEMENT OF EXISTING FACILITIES No.;2013 PAY ITEM No. 2013(9) DESCRIPTION; Ductile iron pipeφ150</p>	<p>The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.</p>	<p>Add Pay Item in TS2013(11) "Ductile pipe".</p>
51.	<p>Section IV Bidding Form Bill of Quantities Bill NO.2B REINSTATEMENT OF EXISTING FACILITIES No.;2013</p>	<p>The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.</p>	<p>Add Pay Item in TS2013(12) "PVC Pipe".</p>

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Annex "A"

Metro Manila Subway Project Phase 1 PACKAGE CPI02 (Quezon Avenue and East Avenue)			
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
52.	PAY ITEM No. 2013(9) DESCRIPTION; PVC pipeφ150 Section IV Bidding Form Bill of Quantities Bill NO.2B REINSTATEMENT OF EXISTING FACILITIES No.;2013 PAY ITEM No. 2013(9) DESCRIPTION; RC Manhole	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2013(8) in BOQ.
53.	Section IV Bidding Form Bill of Quantities Bill NO.2B REINSTATEMENT OF EXISTING FACILITIES No.;2013 PAY ITEM No. 2013(8) DESCRIPTION; HDPE pipes and fittings, jointing, including works to existing line	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2013(6) in BOQ.
54.	Section IV Bidding Form Bill of Quantities Bill NO.2C /REINSTATEMENT OF EXISTING FACILITIES/No.;2013/PAY ITEM No.;2013(9)/DESCRIPTION; Ductile iron pipeφ 100,	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Add Pay Item in TS2013(11) "Ductile pipe".
55.	Section IV Bidding Form Bill of Quantities Bill NO.2C /REINSTATEMENT OF EXISTING FACILITIES/No.;2013/PAY ITEM No.;2013(10)/DESCRIPTION;RC	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2013(8) in BOQ.

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	Manhole(0.8m x0.8m x1.5m)		
56.	Section IV Bidding Form Bill of Quantities Bill NO.2C /REINSTATEMENT OF EXISTING FACILITIES/No.;2013/PAY ITEM No.;2013(10)/DESCRIPTION;RC Manhole(0.8m x0.8m x1.7m)	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2013(8) in BOQ.
57.	Section IV Bidding Form Bill of Quantities Bill NO.2C /REINSTATEMENT OF EXISTING FACILITIES/No.;2013/PAY ITEM No.;2013(8) DESCRIPTION; HDPE pipes and fittings, jointing	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2013(6) in BOQ.
58.	Section IV Bidding Form Bill of Quantities Bill NO.2C /MISCELLANEOUS WORK/No.;2013/PAY ITEM No.;2013(9) DESCRIPTION; Drain Pipe	The Description of BOQ Pay Item differs from the corresponding Technical Specifications. Please clarify.	Change Pay Item to 2013(7) in BOQ.
59.	Section IV Bidding Form Bill of Quantities Bill NO.3A /TUNNEL WORK/No.;2100/PAY ITEM No.;2100(7) Installation of Trough Stand, Evacuation Passage, Ladder and Handrail	Employers are requested to advise which Specifications shall be applicable to Pay Item No. 2100 (7) [Installation of Evacuation Passageway and Bracket].	The Contractor shall read 2010,2100.
60.	Section IV Bidding Form Bill of	Employers are requested to advise which	The Contractor shall read 2010,2100.

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61.	<p>Quantities Bill NO.3B /TUNNEL WORK/ No.;2100/PAY ITEM No.;;2100(7)</p> <p>CIVIL DRAWINGS: GN-CE-CD--0013, Sheet No. 15, and GN-CE-CD-0014, Sheet No.16</p> <p>FACILITIES GENERAL DRAWINGS</p>	<p>Specifications shall be applicable to Pay Item No. 2100 (8) [Installation of Evacuation Passageway and Bracket].</p> <p>In the Drawings GN-CD-0013/0014, Pipes, Valves and support frames are shown underneath the Evacuation Passages, however no related Pay Items are sighted in the relevant BOQ. Hence, Bidder understands that those pipes, valves and support frames are not included in the Contractor's scope of work. Please advise otherwise.</p>	<p>Bidder's understanding is correct.</p>
<p>Volume II Works Requirements Section VI Works Requirements – General Specification (GS)</p>			
62.	<p>Foundation Plan of the National Irrigation Administration Building</p>	<p>Please provide drawings of foundation plans of the National Irrigation Administration Building which will coincide with the tunnel alignment. We request this so that the impact of tunneling can be assessed.</p>	<p>After coordination with the National Irrigation Administration, it will be provided.</p>
63.	<p>Volume II Part 2 Section VI – Works Requirements (GS) Page 139 130.2 Insurances, and Volume IV Part 3 Section VIII – Particular Conditions (PC) Page – PC-14 Attachment-4 To Part A</p>	<p>Bidder understands that the Design Work is the Employer's responsibility. Hence the followings shall be deleted:</p> <p>(g) Professional Indemnity Insurance (where applicable), and 6. Professional Indemnity Insurance The minimum limit of US\$25 million is required and it shall cover and be maintained until 2 years</p>	<p>No, Bidder's understanding is not correct. The Bidder/Contractor is required to carry out design of major Temporary Works including temporary works for excavation of station box etc. as set forth in General Specification and/or Technical Specification. As such, the indicated Professional Indemnity Insurance is required.</p>

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64.	<p>Schedule of Insurances</p> <p>Volume II Part 2 Section VI General Specifications (GS) APPENDIX 4 APP 4-25 Appendix 4 Contractor's Interface Coordination with Others 1. General</p> <p>In regard to interfaces that cannot be identified due to the absence of Interface Contractor, the Contractor shall include them in the Interface Management Plan provided by the Employer or the Engineer.</p>	<p>after the expiry of the Defects Notification Period.</p> <p>Is our understanding correct?</p> <p>The Bidder cannot provide proper cost for the interface works that cannot be identified due to the absence of Interface Contractor and not specified in Appendix 4 GS 100.</p> <p>The Bidder understands that after the Employer, Engineer or Interface Contractor, provides the newly identified interface work requirement, the Bidder will provide a proposal based on the newly identified interface work.</p> <p>Interface works which are not identified due to absence of Interface Contractor and not considered in Appendix 4 will not be included in the Lump Sum G126 (1) pay item.</p> <p>Is our understanding correct?</p>	<p>The Bidder shall price the relevant BOQ Item, taking into consideration relevant provisions of the Contract including the Appendix 4 to the General Specifications.</p>
65.	<p>Section VI (TS) 3. Mechanical, Electrical and Plumbing Page 3 s92 1213.1 .5 Warranty (a) The AC units shall be covered by the manufacturer's limited warranty for a period of one (1) year parts and six (6) year compressor to the owner from date</p>	<p>Volume II Works Requirements Section VI Works Requirements – Technical Specification (TS)</p> <p>The Bidder would like to clarify if what is the difference between warranty (a) = 1 year, warranty (b)= 10 years and warranty (c) = 5 years. Does this mean that the A/C warranty is 11 years?</p>	<p>Please comply accordingly as per Employer Requirement which is self-explanatory.</p> <p>Please see below CP102 Specs extract:</p>

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	<p>of installation. (b) Then the units shall be covered by an extended manufacturer's limited warranty for a period of ten (10) years to the owner from date of installation. (c) In addition, the compressor shall have a manufacturer's limited warranty for a period of five (5) years to the owner from date of installation.</p>		<p>1213.1.5 Warranty (a) The AC units shall be covered by the manufacturer's limited warranty for a period of one (1) year parts and six (6) year compressor to the owner from date of installation. (b) Then the units shall be covered by an extended manufacturer's limited warranty for a period of ten (10) years to the owner from date of installation. (c) In addition, the compressor shall have a manufacturer's limited warranty for a period of five (5) years to the owner from date of installation. Total years of warranty = 11 years.</p>
66.	<p>Section VI Technical Specifications 3: Mechanical, Plumbing: Section 1213.2.1.9 Coating Volume II Part 2 Technical Specification (TS) 3. Mechanical, Electrical and Plumbing, Page 549, 1225.1 General 1225.1.1 Outline of Work (f) Testing, Inspections and Commissioning In TS 1225.1 Outline of Work (f): The complete testing and commissioning works shall be carried out by an independent commissioning specialist contractor, sub-contracted to the Contractor shall submit details of independent</p>	<p>Please clarify if Seacoast Protection Coating for the outdoor unit of VRF AC Units is not required since both stations are far from sea. In this requirement, some special equipment such as Air-Cooled Chiller, Water-Cooled Chiller, Elevator, Escalator, Fire Pump, TVF and Low Voltage Switchgear/Panelboards complies with particular international standards which have already been verified. In addition, testing and commissioning of equipment are handled and supervised by the Manufacturer Representative to retain its warranty. Testing and Commissioning cannot be done by 3rd Party, as it will void Manufacturer warranty. a 3rd party Inspector may be allowed as a witnessed representative only.</p>	<p>Seacoast Protection Coating for the Outdoor Unit of VRF AC is required. Contractor is advice to follow the requirement as stated in the Technical Specification The contractor is advised to check and see the Technical Specification, because the role of the third party is clearly stipulated in the said document. For 3rd party witness testing and commissioning on mechanical system, please see an example of system below: 1. Fire Fighting System, 2. Water Pumping System, Water Supply and Pipe Works, 3. Package Type Sewer Treatment Plant, 4. Elevator & Escalator System, 5. VAC System Control and 6. Cooling Towers.</p>
67.			

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	<p>commissioning Sub Contractor to Engineer for approval prior to employing Sub Contractor.</p> <p>Volume II Part 2 Technical Specifications (TS) 5: Pedestrian Bridge Page 144 2322 Field Inspection and Acceptance Tests 2322.1.1. Description In TS 2322 Field Inspection and Acceptance Tests: The testing firm shall not be a subsidiary, division, nor department of either the installing Contractor or the manufacturer of the equipment materials or systems being inspected and tested.</p>	<p>The Bidder would like to confirm, specifically what particular Mechanical or Electrical system that is needed a 3rd party witnessed testing and commissioning.</p>	<p>For Electrical the required 3rd party and/or testing agency are for BMS and LV power cables. As per TS 2322, field inspection is confirmed, and all tests required under this Part #23 are to be carried out and performed by testing firms.</p>
<p>Volume III Part2: Works Requirements (DRW) Works Requirements – Employer's Drawings (DRW)</p>			
68.	Alignment	<p>To assist us to establish comprehensive monitoring plan and around movement analysis together with assessment of potential impact to the existing structures due to implementation of the Project, please provide us with the as built records of the existing structures in close proximity to the tunnel alignment with shallow cover, in particular Pumping Station, MMICP Flyover/Depressed, <RT7 Pier NO.22, MRT3 Depot Access Track and EV Pit of National Electrification Administration.</p>	<p>Employer will provide information.</p>
<p>Volume IV Part3: Conditions of Contract and Contract Forms</p>			

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Annex "A"

Metro Manila Subway Project Phase 1 PACKAGE CP102 (Quezon Avenue and East Avenue)			
ITEM NO.	REFERENCE/CLAUSE/SECTION	QUERIES	RESPONSE
69.	<p>Section III, Particular Conditions Attachment-4 Schedule of Insurances 6. Professional Indemnity Insurance "The minimum limit of US\$25 million is required and it shall cover and be maintained until 2 years after the expiry of the Defects Notification Period.</p>	<p>Employers are requested to confirm that the Contractor's scope of design work is limited to the design of temporary works and does not include any design work for the permanent structures. Thus, Professional Indemnity Insurance is not applicable.</p>	<p>The Bidder/Contractor is required to carry out design of major Temporary Works including temporary works for excavation of station box etc. as set forth in General Specification and/or Technical Specification.</p>

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Annex "B"

Metro Manila Subway Project Phase 1 PACKAGE CP102 (Quezon Avenue and East Avenue)	
ADDENDUM No. 10	
Volume I. Part I: Bidding Procedures	
ITEM NO.	REFERENCE CLAUSE/SECTION
1.	<p>Section III Evaluation and Qualification Criteria (EQC) 1.1.5 Method of Implementation of the Works</p> <p>(6) Method of management and co-ordination of interface between the Contractor, his equipment suppliers and Subcontractors and interfacing Contractors</p> <p>See Annex C</p>
2.	<p>Section III Evaluation and Qualification Criteria (EQC) 1.1.8 Work Management</p> <p>Add the item below:</p> <p>1.1.8.6. The Bidder's proposed BIM and PMIS plan shall demonstrate appropriateness of plan, organization and methodology to manage BIM and PMIS.</p> <p>See Annex C</p>
3.	<p>Section III Evaluation and Qualification Criteria (EQC) 1.1.1 Personnel</p> <p>Revise the phrases as below:</p> <p>1.1.1 Personnel The Bidder must demonstrate that it has the personnel for the key positions who meet the following requirements: <u>The experience of the projects conducted outside from the home country of the respective key personnel and inside the home country of the respective key personnel under foreign fund as well as subway project experience will be considered in scoring points during the evaluation.</u> The Bidder shall provide details of the proposed personnel and their experience records in Forms PER-1 and PER-2 in Section IV- Bidding Forms.</p> <p>Volume IA Bill of Quantities (BOQ)</p>
4.	<p>Section IV Bidding Form Bill of Quantities (BOQ), Schedule 3 Provisional Sum</p> <p>Change the amount of PS1 to PHP 15,000,000 and combine PS3 and PS8 as following:</p>

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Item No.	Description	Foreign Currency	Amount	PHP
PS 1	Public Relations and Community Relations			15,000,000
PS 2	Fee of Dispute Board's Member and expenses, one-half of Employer's cost estimate of Dispute Board.			50,000,000
PS 3	Demolition of Structures and Obstruction and Protection, relocation, diversion and/or support and reinstatement of the utilities, if instructed by the Engineer, as well as assistance for ROW Access Acquisition			310,000,000
PS 4	DOT Training			15,000,000
PS 5	GS137 Training			15,000,000
PS 6	Archaeological Monitoring			50,000,000
PS 7	Project Management Information System (PMIS)/Common Data Environment			20,000,000

**Volume II Works Requirements Section VI
Works Requirements - General Specification (GS)**

Replace 127.4.4 Construction Site Tour with the following:

127.4.4 Construction Site Tour

The Contractor shall cooperate with and provide periodical tours of the Works to the public and stakeholders during the construction period. The main target audiences are stakeholders, ordinary families and students including those with a purpose of railway knowledge transfer. Site visitors can become a means for advertising and promoting the benefit of the MMSP. Tours shall be planned to have at least once every three months for the whole MMSP with the instruction of Engineer.

Add item 2.3 Licensing Procurement as following:

2.3 Licensing Procurement

Once the Notice of Award is issued and the Contract is signed, the Contractor shall procure the required software licenses and start the onboarding process as stated in this appendix.

The Contractor will also make all necessary Information Technology security clearances within their company to avoid delays in using the system. The Engineer will provide the contact details of the authorized software provider after the issuance of Notice of Award and signed Contract.

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Volume III Part2: Works Requirements
Works Requirements – Employer's Drawings (DRW)
Add East Avenue Station south side structural drawing. Refer to Attachment.

7. Drawing

Please replacements/modifications are as follows:.

		Volume IA Bill of Quantities (BOQ)			
No.	Reference	Original	Corrected, Supplemented or Modified		
8.	BQ 2A Concrete Class C1 for Top Slab of Station	Pay Item 2007 (2)a	Pay Item 2007 (2)	2007(2)a	Pay Item 2007 (2)
9.	BQ 2A Concrete Class C2 for intermediate Slabs of Station	Pay Item 2007 (3)a	Pay Item 2007 (5)	2007(3)a	Pay Item 2007 (5)
10.	BQ2A Additional	no BOQ item	add 2012(1) Monitoring and Instrumentation		
11.	BQ 2B Temporary Road Diversion	2001(2)	Delete This Pay Item		
12.	BQ 2B Clearing and Grubbing	Pay Item 2001 (6)	Pay Item 2001 (5)		
13.	BQ 2B Concrete Class C1 for Top Slab of Station	Pay Item 2007 (2)a	Pay Item 2007 (2)		
14.	BQ 2B Concrete Class C1 for Base Slab of Station	Pay Item 2007 (2)b	Pay Item 2007 (3)		
15.	BQ 2B Concrete Class C1 for Entrance and Ventilation Shafts/Ducts	Pay Item 2007 (2)c	Pay Item 2007 (4)		
16.	BQ 2B Concrete Class C2 for intermediate Slabs of Station	Pay Item 2007 (3)a	Pay Item 2007 (5)		
17.	BQ 2B Concrete, Class C3 for Platform of Station	Pay Item 2007 (4)c	Pay Item 2007 (6)d		
18.	BQ 2B Concrete, Class C3 for Stairways of Station	Pay Item 2007 (4)d	Pay Item 2007 (6)e		
19.	BQ 2B Concrete, Class C3 for Escalators and Elevators of Station	Pay Item 2007 (4)e	Pay Item 2007 (6)f		
20.	BQ 2B Concrete, Class D for Plain Concrete	Pay Item 2007 (5)a	Pay Item 2007 (7)		
21.	BQ 2B Concrete Class D for Lean Concrete	Pay Item 2007 (5)b	Pay Item 2007 (8)		
22.	BQ 2B Drilled Rebar ϕ 32	Pay Item 2008 (6)	Pay Item 2008 (3)		
23.	BQ 2B Drilled Rebar ϕ 36	Pay Item 2008 (6)	Pay Item 2008 (3)		
24.	BQ 2B Drilled Rebar ϕ 36	Pay Item 2008 (6)	Pay Item 2008 (3)		
25.	BQ 2B Waterproofing membrane at Station, Base Slab	Pay Item 2011 (2)	Pay Item 2011 (3)		
26.	BQ 2B Waterproofing membrane at Entrance and Ventilation Shaft, Top Slab	Pay Item 2011 (4)	Pay Item 2011 (2)		
27.	BQ 2B Waterproofing membrane at Entrance and Ventilation Shaft, Base Slab	Pay Item 2011 (5)	Pay Item 2011 (4)		

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28.	BQ 2B	2011(3)	Waterproofing for External Surface, Underground Structures	Pay Item 2011 (3)	Pay Item 2011 (3)	Pay Item 2011 (5)
29.	BQ 2B	2013(9)	Ductile iron pipe $\phi 50$	Pay Item 2013 (9)	Pay Item 2013 (9)	Pay Item 2013 (11)
30.	BQ 2B	2013(9)	Ductile iron pipe $\phi 150$	Pay Item 2013 (9)	Pay Item 2013 (9)	Pay Item 2013 (11)
31.	BQ 2B	2013(9)	PVC pipe $\phi 150$	Pay Item 2013 (9)	Pay Item 2013 (9)	Pay Item 2013 (12)
32.	BQ 2B	2013(10)	RC Manhole (0.8m x 0.8m x 1.3m)	Pay Item 2013 (10)	Pay Item 2013 (10)	Pay Item 2013 (8)
33.	BQ 2B	2013(9)	Drain Pipe	Pay Item 2013 (9)	Pay Item 2013 (9)	Pay Item 2013 (7)
34.	BQ 2B	2013(8)	HDPE pipes and fittings, jointing, including works to existing line	Pay Item 2013 (8)	Pay Item 2013 (8)	Pay Item 2013 (6)
35.	BQ 2B	2004(6)	Demolition of Diaphragm Wall for passenger-way, cut and cover tunnel and Ventilation shaft	Demolition of Diaphragm Wall for passenger-way, cut and cover tunnel and Ventilation shaft	Demolition of Diaphragm Wall for passenger-way, cut and cover tunnel and Ventilation shaft and Temporary Diaphragm Wall	Demolition of Diaphragm Wall for passenger-way, cut and cover tunnel and Ventilation shaft and Temporary Diaphragm Wall
36.	BQ 2C	2001(2)	Removal of Existing Concrete Curb at Sidewalk and Median	Removal of Existing Concrete Curb at Sidewalk and Median	Removal of Existing Concrete Curb at Sidewalk and Base Course	Removal of Existing Concrete Curb at Sidewalk and Base Course
37.	BQ 2C	2001(6)	Clearing and Grubbing	Pay Item 2001 (6)	Pay Item 2001 (6)	Pay Item 2001 (5)
38.	BQ 2C	2001(5)	Removal of Existing Street Signs	Pay Item 2001 (5)	Pay Item 2001 (5)	Pay Item 2001 (6)
39.	BQ 2C	2005(5)	Reinstatement of Sidewalk	2005(5)	2005(5)a	Reinstatement of Sidewalk
40.	BQ 2C	2005(9)	Reinstatement of Panelboard for Street Lighting	Pay Item 2005 (9)	Pay Item 2005 (9)	Pay Item 2005 (8)
41.	BQ 2C	2005(8)	Reinstatement of Street Signs	Pay Item 2005 (8)	Pay Item 2005 (8)	Pay Item 2005 (5)
42.	BQ 2C	2007(2)a	Concrete Class C1 for Top Slab of Station	Pay Item 2007 (2)a	Pay Item 2007 (2)a	Pay Item 2007 (2)
43.	BQ 2C	2007(2)b	Concrete Class C1 for Base Slab of Station	Pay Item 2007 (2)b	Pay Item 2007 (2)b	Pay Item 2007 (3)
44.	BQ 2C	2007(2)c	Concrete Class C1 for Structure of Entrance and Ventilation Shafts/Ducts of Station	Pay Item 2007 (2)c	Pay Item 2007 (2)c	Pay Item 2007 (4)
45.	BQ 2C	2007(3)a	Concrete Class C2 for intermediate Slabs of Station	Pay Item 2007 (3)a	Pay Item 2007 (3)a	Pay Item 2007 (5)
46.	BQ 2C	2007(4)b	Concrete, Class C3 for End Walls of Station	Pay Item 2007 (4)b	Pay Item 2007 (4)b	Pay Item 2007 (6)c
47.	BQ 2C	2007(4)c	Concrete, Class C3 for Platform of Station	Pay Item 2007 (4)c	Pay Item 2007 (4)c	Pay Item 2007 (6)d
48.	BQ 2C	2007(4)d	Concrete, Class C3 for Stairways of Station	Pay Item 2007 (4)d	Pay Item 2007 (4)d	Pay Item 2007 (6)e
49.	BQ 2C	2007(4)e	Concrete, Class C3 for Escalators and Elevators of Station	Pay Item 2007 (4)e	Pay Item 2007 (4)e	Pay Item 2007 (6)f
50.	BQ 2C	2007(5)a	Concrete, Class D for Plain Concrete	Pay Item 2007 (5)a	Pay Item 2007 (5)a	Pay Item 2007 (7)
51.	BQ 2C	2007(5)b	Concrete Class D for Lean Concrete	Pay Item 2007 (5)b	Pay Item 2007 (5)b	Pay Item 2007 (8)
52.	BQ 2C	2008(6)	Drilled Re-bar $\phi 20$	Pay Item 2008 (6)	Pay Item 2008 (6)	Pay Item 2008 (3)
53.	BQ 2C	2008(6)	Drilled Re-bar $\phi 28$	Pay Item 2008 (6)	Pay Item 2008 (6)	Pay Item 2008 (3)

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54.	BQ 2C	2011(2)	Waterproofing membrane at Station, Base Slab	Pay Item 2011 (2)	Pay Item 2011 (3)
55.	BQ 2C	2011(4)	Waterproofing membrane at Entrance and Ventilation Shaft Top Slab	Pay Item 2011 (4)	Pay Item 2011 (2)
56.	BQ 2C	2011(5)	Waterproofing membrane at Entrance and Ventilation Shaft Base Slab	Pay Item 2011 (5)	Pay Item 2011 (4)
57.	BQ 2C	2011(3)	Waterproofing for External Surface, Underground Structures	Pay Item 2011 (3)	Pay Item 2011 (5)
58.	BQ 2C	2013(9)	Ductile iron pipe ϕ 100, including elbow	Pay Item 2013 (9)	Pay Item 2013 (11)
59.	BQ 2C	2013(10)	RC Manhole (0.8m x 0.8m x 1.5m)	Pay Item 2013 (10)	Pay Item 2013 (8)
60.	BQ 2C	2013(10)	RC Manhole (0.8m x 0.8m x 1.7m)	Pay Item 2013 (10)	Pay Item 2013 (8)
61.	BQ 2C	2013(8)	HDPE pipes and fittings, jointing	Pay Item 2013 (8)	Pay Item 2013 (6)
62.	BQ 2C	2013(9)	Drain pipe	Pay Item 2013 (9)	Pay Item 2013 (7)
63.	BQ 2C	2004(6)	Demolition of Diaphragm Wall for passenger-way, cut and cover tunnel and Ventilation shaft	Demolition of Diaphragm Wall for passenger-way, cut and cover tunnel and Ventilation shaft	Demolition of Diaphragm Wall for passenger-way, cut and cover tunnel and Ventilation shaft and Temporary Diaphragm Wall
64.	BQ 3A&3B			no BOQ item	add No 3A & 3B 2012(1) Monitoring and Instrumentation

Volume II Part 2: Works Requirements Section VI Works Requirements Technical Specifications (TS)

No	Location / Description	Original	Corrected, Supplemented or Modified
65.	2001 Removal of Existing Street Signs	No this item in TS	Additional Pay Item : 6) Removal of Existing Street Signs The general requirements for the Basis of Payment are described in the Bill of Quantities. Pay Item Description Unit 2001(6) Removal of Existing Street Signs
66.	2005 Reinstatement of Sidewalk	No this item in TS	Additional Pay Item : 2005(5)a Reinstatement of Sidewalk
67.	2007 Concrete, Class C3 for Side Walls of Station	2007(6)c Concrete, Class C3 for End Walls of Station	2007(6)c Concrete, Class C3 for End Walls and Side Wall of Station
68.	2007 Slope Protection Retaining Wall	No this item in TS	Additional Pay Item : 2007(9) Concrete Class G for Slope Protection
69.	2008 Coupler ϕ 20 for Entrance and Ventilation Shafts/Ducts	2008(6) Coupler for Station	2008(6) Coupler for Station, Entrance and Ventilation Shaft

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70.	2013	Ductile iron pipe	No this item in TS	add TS 2013 (11) Ductile iron pipe 1.m
71.	2013	PVC pipe	No this item in TS	add TS 2013 (12) PVC pipe 1.m
72.	2004	Demolition of Diaphragm Wall for passenger-way, cut and cover tunnel and Ventilation shaft	Demolition of Diaphragm Wall for passenger-way, cut and cover tunnel and Ventilation shaft	Demolition of Diaphragm Wall for passenger-way, cut and cover tunnel and Ventilation shaft and Temporary Diaphragm Wall ^e

PART 1 BIDDING PROCEDURES

SECTION III. EVALUATION AND QUALIFICATION CRITERIA (EQC)

(Without Prequalification)

Evaluation and Qualification Criteria

1. Evaluation

1.1 Technical Evaluation

The following factors shall apply:

1.1.1 Personnel

The Bidder must demonstrate that it has the personnel for the key positions who meet the following requirements:

The experience of the projects conducted outside from the home country of the respective key personnel and inside the home country of the respective key personnel under foreign fund as well as subway project experience will be considered in scoring points during the evaluation.

The Bidder shall provide details of the proposed personnel and their experience records in Forms PER-1 and PER-2 in Section IV- Bidding Forms.

Position	Total Experience (years)	Experience as a project manager/ manager of similar works	Work Experience in Railway projects (years)
a) Project Manager	15	at least one similar experience	10
b) Deputy Project Manager	15	at least one similar experience	10
c) Tunnel Construction Manager	10	at least one similar experience	5
d) Cut and Cover Construction Manager	10	at least one similar experience	5
e) Design Manager	10	at least one similar experience	5
f) Quality Assurance/ Quality Control Manager	10	at least one similar experience	5

g) Safety Manager	10	at least one similar experience	5
h) Architectural Manager	10	at least one similar experience	5
i) Mechanical, Electrical and Plumbing Manager	10	at least one similar experience	5
j) Station Manager	10	at least one similar experience	5
k) Interface Manager	10	at least one similar experience	5

1.1.2 Equipment

The Bidder must demonstrate that it is able to provide if required, the following construction plant and equipment as well as the number which would be required:

No.	Equipment Type and Characteristics	Minimum Number Required
1	TBM (Tunnel Boring Machine)	2
2	Gantry Crane (35t)	3
3	Battery Locomotive (25t)	4
4	Excavator with Breaker 1.0m ³	10
5	Telescopic Excavator 1.0m ³	8
6	Diaphragm Rig (Bucket type)	4
7	Diaphragm Rig (Hydraulic Mill)	4
8	Crawler Crane 300t	4
9	Concrete Pump 100m ³ /hour	3
10	Shotcrete Machine 20m ³ /hour	2

The Bidder shall provide further details of proposed items of equipment using **Form EQU** in Section IV, Bidding Forms.

1.1.3 Programme

The Bidder's proposed Work Programme shall demonstrate the following:

- (1) Compliance with Time for Completion for Whole of the Works
- (2) Compliance with Time for achieving Key Dates
- (3) Appropriation of Construction Period of Each Work Items
- (4) Appropriateness of Work Sequence and Correlation among Work Items

Exclude the impacts of COVID-19 from items (1) to (4) above.

1.1.4 Project Management Plan

1.1.4.1 The Bidder's proposed Management Organization shall demonstrate the following:

- (1) Appropriateness of management line in head office organization of Bidder and All JV Members
- (2) Appropriateness of project organization chart and Site organization chart including Subcontractors.

1.1.4.2 Proposed Personnel

The Bidder shall demonstrate the adequacy of the following personnel:

- (1) Project Manager
- (2) Deputy Project Manager
- (3) Tunnel Construction Manager
- (4) Cut and Cover Construction Manager
- (5) Design Manager
- (6) Quality Assurance/Quality Control Manager
- (7) Safety Manager
- (8) Architectural Manager
- (9) Mechanical, Electrical and Plumbing Manager
- (10) Station Manager
- (11) Interface Manager

1.1.4.3 Personnel Mobilization Schedule

The Bidder shall demonstrate the appropriateness of the mobilization schedule and correlation with work items.

1.1.5 Method of Implementation of the Works

The Bidder's proposed method of implementation of the Works will be evaluated particularly on the following main items for each category of work as stated below:

- Compliance with the technical requirement.
- Compliance with the construction site conditions.

- (1) Earthworks ; Site Clearance, Removal of Existing Structures, Excavation and Backfill for Structures
- (2) Piling Works ; Diaphragm Walling
- (3) Tunnel Works ; TBM Tunnel
- (4) Underground Station Building Works; Architectural and Structural Woks, Mechanical and Electrical Works .
- (5) Roadworks ; Portland Cement Concrete and Asphalt Pavement
- (6) Method of management and co-ordination of interface between the Contractor, his equipment suppliers and Subcontractors and interfacing Contractors

The Bidder shall consider the implications and impacts of COVID-19, other pandemics and diseases, and shall list the mandatory enhancements over and above the pre-COVID-19 pandemic situation that it may be obliged to implement to comply with the latest Laws and to provide a safe and healthy working environment under Specific COVID-19 Risk Management Plan but exclude them from the pre-COVID-19 bid price.

1.1.6 Major Plant and Equipment intended to mobilize at Site

The Bidder's proposed Major Plant and Equipment intended to mobilize at Site shall demonstrate adequacy and appropriateness of the Contractor's proposed Plant and Equipment, comparing with the estimated quantities indicated in the Bill of Quantities and the Bid Programme.

1.1.7 Proposed Use and Reinstatement of Works Area

The Bidder's Proposed Use and Reinstatement of Works Area shall demonstrate appropriateness of proposed Use and Reinstatement of Works Area and understanding of the contract requirement by the Bidder.

1.1.8 Work Management

1.1.8.1 The Bidder's proposed Outline Quality Management Plan shall demonstrate appropriateness of plan, organization and methodology to manage quality assurance.

1.1.8.2 The Bidder's proposed Outline Safety Management Plan shall demonstrate appropriateness of plan, organization and methodology to manage safety assurance.

Enhancement of Health and Safety Management Plan and policies for protection against pandemics and infections, and active identification, isolation and treatment of persons under the bidder's responsibility.

1.1.8.3 The Bidder's proposed Outline Environmental Management Plan shall demonstrate appropriateness of plan, organization and methodology to manage Environmental control.

1.1.8.4 The Bidder's proposed Outline System Safety Management Plan shall demonstrate appropriateness of plan, organization and methodology to manage safety assurance.

1.1.8.5 The Bidder's proposed Outline Risk Management Plan shall demonstrate appropriateness of plan, organization and methodology to perform risk management.

Specific COVID-19 Risk Management Plan and implementation proposals to safeguard people in the Bidder's employment and visitors, and those members of the general public that the Bidder and its workforce interface with to minimise the possibilities of catching or transmitting infectious diseases.

1.1.8.6 The Bidder's proposed BIM and PMIS plan shall demonstrate appropriateness of plan, organization and methodology to manage BIM and PMIS.

1.1.9 Contractual Spare Parts, Consumables, Special Tools and Test Equipment

- (1) Appropriateness of list of Spare Parts and Consumables.
- (2) Appropriateness of list of Special Tools and Test Equipment.

1.2 Economic Evaluation

In addition to the criteria listed in ITB 36.2 (a) – (d) the following criteria shall apply.

1.2.1 Quantifiable nonmaterial nonconformities

Pursuant to ITB 32.3, the cost of all quantifiable nonmaterial nonconformities or omissions shall be evaluated. The Employer will make its own assessment of the cost of any nonmaterial nonconformities and omissions for the purpose of ensuring fair comparison of Bids, except for the omissions stated in ITB 14.2 which shall be treated in accordance with said clause.

1.2.2 Qualification Criteria for Multiple Contracts

Bidders have the option to bid for any one or more packages, namely Packages CP102 and CP103. Bids will be evaluated package-wise taking into account discount offered, if any, for combined packages. The contracts will be awarded to the Bidder offering the lowest evaluated bid price to the Employer for combined packages, subject to the selected Bidder meeting the following required qualification criteria for combination of packages;

(1) Financial Resources:

To meet the aggregate minimum threshold criteria for combined packages specified in the Table of Financial Situation in Sub-section 2.3 of Eligibility and Qualification Criteria.

(2) Project Management Organization and Proposed Key Personnel and Construction Plant and Equipment:

Appropriate Site Organization Structure and Chart including Subcontractor for each Package and for combined packages. Adequacy of Key Personnel proposed and Construction Plant and Equipment for each Package and for combined packages.

(3) Experience:

(i) In the case of multiple contracts, the minimum value for experience as a prime contractor specified in EQC 2.4.2 (a) shall be applied to combined contract packages.

(ii) In the case of multiple contracts, the minimum value for each key activity specified in EQC 2.4.2 (b) shall be applied to combined contract packages.

1.3 Qualification

1.3.1 Exchange Rate for Qualification Criteria

Wherever a Form in Section IV, Bidding Forms, requires a Bidder to state a monetary amount, Bidders should indicate the USD equivalent using the rate of exchange determined as follows:

(1) For turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year.

(2) Value of single Contract - Exchange rate prevailing on the date of the Contract.

Exchange rates shall be taken from the publicly available source identified in BDS 34.1 or, in case such rates are not available in the source identified above, any other publicly available source acceptable to the Employer. Any error in determining the exchange rates may be corrected by the Employer.