



General Bid Bulletin No. 5

10 June 2019

Public Bidding No. 19-105-8

**METRO RAIL TRANSIT LINE 3 REHABILITATION PROJECT –
PROCUREMENT OF SUPERVISION CONSULTANT**

This General Bid Bulletin is issued to amend/clarify certain provisions in the Request for Proposal for the aforementioned project.

CLARIFICATIONS

Please see Annex 1 for the clarifications on the letters received from Japan International Consultants for Transportation Co., Ltd. and Oriental Consultants Global Co., Ltd.

All other related provisions in the Request for Proposal (RFP) correspondingly affected by these amendments/inclusions/clarifications are likewise deemed amended to conform to this General Bid Bulletin.

Amendments/Inclusions/Clarifications made herein shall be considered an integral part of the RFP.

(Sgd.) **ENGR. JAIME M. NAVARRETE, JR.**
Chairperson, Bids and Awards Committee VIII

For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~Double Strike-out~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and “xxx” – denotes separation of phrase/s being amended from the rest of the main text.



1st REQUEST FOR CLARIFICATIONS¹ AND/OR SUGGESTIONS ON THE RFP

ITEM NO.	SECTION NO. – TITLE	PARAGRAPH REFERENCE	CLARIFICATION/SUGGESTION	DOTr RESPONSE
1	Section 5. Terms of Reference	Page TOR-2 Chapter 3. Required Outcomes of the Consulting Services	JIC understands that there are trainsets provided by a manufacturer in China for MRT Line 3. JIC would like to clarify whether or not this consulting service contains any consulting works related to the trainsets provided by the manufacturer in China throughout the period of the consulting service.	<p>In relation to <i>Chapter 5. (Scope of Consulting Services)</i>, the Consultant's attention is also drawn to the scope of <i>Chapter 10.7 (Interface Management)</i> in respect to the MRT Capacity Expansion Projects and the introduction of the Dalian Trains (Lot 1). The Consultant shall note that these trains have not yet been accepted for service onto the network and a program of works is needed for their testing, introduction and acceptance. In this respect, the Consultant shall:</p> <ul style="list-style-type: none"> (a) Liaise with the Dalian Train Contractor, the MRT3 Operator and the person in charge of MRT3 maintenance for the Consultant to produce the Program of Works (PoW) necessary for the introduction of the Dalian Trains. (b) Include in the Program of Works, the activities associated with the testing, operational acceptance, maintenance acceptance and any training that may be required. (c) Include the Dalian trains in the Consultant's activities as set out in <i>Chapter 5.(1), 5.(3), 5.(4), and 5.(5)</i>. (d) Include the Dalian trains in the Consultant's activities as set out in <i>Chapter 5.(2)</i> where the Environmental Management Plan is affected by the introduction, operation and maintenance of the trains.
2	Section 5. Terms of Reference	Page TOR-11 IE2 "Railway Operation Expert"	JIC would like to clarify whether the "railway operations" means train operation in the tasks of this expert.	Railway operations includes knowledge of how railways generally operate in terms of:

¹ Letter of Japan International Consultants for Transportation Co., Ltd. received through e-mail last May 14, 2019 at 12:02 PM.

ITEM NO.	SECTION NO. – TITLE	PARAGRAPH REFERENCE	CLARIFICATION/SUGGESTION	DOTr RESPONSE
				<p>a. The types of operations associated with running a railway train services and particularly degraded modes of operation (i.e. dealing with situations where something has gone wrong);</p> <p>b. The types of activities associated with depot operations including entry into service and exit from service;</p> <p>c. The types of operations associated with the control, use and scheduling of engineering trains;</p> <p>d. The usual types of access to the track and infrastructure required by maintenance teams during service hours and non-service hours (engineering hours);</p> <p>e. The types of processes and procedures that are generally in place by an O&M organization to ensure the safety of staff, passengers and infrastructure assets at all times; and</p> <p>f. Able to understand from an O&M perspective, the operational and safety constraints for Operators when dealing with an operating railway which is undergoing significant infrastructure and asset change.</p>
3	Section 5. Terms of Reference	Page TOR-11 IE2 “Railway Operation Expert”	JIC would like to clarify what field of experts of the Contractor will be the counterpart of IE2 Railway Operation Expert by the Consultant.	<p>The counterpart of the IE2 Railway Operation Expert to the Contractor is the Engineering Manager.</p> <p>For the better understanding regarding the Engineering Manager, please refer to the Annex 1 Item No. 1 of the General Bid Bulletin No. 2 for the download link of the MHIENG-TESP Project Organisation Chart.</p>

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4	Section 5. Terms of Reference	Page TOR-11 IE2 “Railway Operation Expert”	JIC understands that this project is the rehabilitation and maintenance for the existing rolling stock and infrastructure. In this regard, JIC would like to clarify what types of tasks are expected to deliver in terms of operation. It would be appreciated if you could specify the job description of this expert in detail.	<p>The types of task that would be expected of the Supervision consultant would typically include:</p> <ul style="list-style-type: none"> a. Overseeing and operating the process for allowing Contractor access to the existing infrastructure and assets so they can execute their works; b. Gain a comprehensive understanding of how the MRT3 railway actually operates together with its service constraints, so that the Consultant can understand if Contractor(s) requests are reasonable or unreasonable; c. Negotiating and agreeing with the O&M Provider on Contractor requests for access; d. Ensuring that the Contractor’s execution of the works does not interfere with the operation of the railway or its assets unless it is by prior agreement with the O&M Provider; e. Approving Method Statements prepared by Contractor(s) before they are permitted access to the railway infrastructure and its systems; f. Obtaining agreement with the O&M Provider on how assets will be temporarily signed out of service and later, signed back into service during the executing of the contractor works; g. Obtaining agreement with the O&M Provider on the ‘signing into service’ of renewed assets; h. Preparing acceptance criteria and ultimately accepting the renewed assets and systems on behalf of the Employer;

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				i. Witnessing on behalf of the Employer, tests and trials carried out by the Contractors during the construction, testing and commissioning and acceptance processes.

5th REQUEST FOR CLARIFICATIONS² AND/OR SUGGESTIONS ON THE RFP

ITEM NO.	SECTION NO. – TITLE	PARAGRAPH REFERENCE	CLARIFICATION/SUGGESTION	DOTr RESPONSE
5	8 – Reporting Table last line Page TOR-17	Other Report – Technical Report; As required or upon request	It is unclear on the technical report which will be requested. We request you to please clarify on the technical reports to be submitted.	As stated, “As required upon request” and therefore the Technical Report shall be agreed with Employer during the course of the Contract period.

7th REQUEST FOR CLARIFICATIONS³ AND/OR SUGGESTIONS ON THE RFP

ITEM NO.	SECTION NO. – TITLE	PARAGRAPH REFERENCE	CLARIFICATION/SUGGESTION	DOTr RESPONSE
6	5 – Terms of Reference Chapter 10. Special Provisions Page TOR-21	3. Video Conferencing System (VCS) “The Consultant shall set up Video Conferencing System (VCS) for the office(s).”	Does it only consider the Consultant’s office or does it include the Employer’s office(s) as well?	The Consultant shall provide Video Conferencing System for the Employer’s Office.
7	General Bid Bulletin #2 Chapter 10. Special Provisions	1. Training and Transfer of Knowledge “The Consultant shall organize international trainings at least once a year, inclusive of all expenses...”	Does this mean that international training must be carried out every calendar year or every 12 months from the commencement of the consulting Services?	To clarify, the international trainings shall be provided every twelve (12) months from the commencement of the Supervision Consultant Contract.

² Letter of Oriental Consultants Global Co., Ltd. received through e-mail last May 14, 2019 at 4:47 PM.

³ Letter of Oriental Consultants Global Co., Ltd. received through e-mail last May 21, 2019 at 4:32 PM.

	(Attached Supporting Document)			
8	General Bid Bulletin #2 Chapter 10. Special Provisions (Attached Supporting Document)	9. Supervision Consultant Scope of Works for Implementation of an Asset Management System for the MRT3 Rehabilitation Project <i>a. Determine Scope of the Asset Management System (AMS) to be implemented;</i> <i>b. Determine the Asset Management Policy, Strategy and Framework to be adopted for MRT3;</i> <i>c. Determine the most appropriate method of implementation of the AMS;</i> <i>d. Prepare the Tender Documentation for the implementation Contract(s);</i> <i>e. Supervise the implementation of the Asset Management System – both the installation of hardware and development of the procedures to use with it;</i> <i>f. Handover the running of the AMS to the O&M Operator;</i>	<u>Presence of O&M Operator (Items a – f)</u> Clarifications provided by the Client in GBB2 included a new item in Chapter 10 “Special Provisions” regarding Asset Management System (AMS). In various instances in the text, the Client refers to an “O&M Operator.” However, Sumitomo Corporation has been contracted as the Maintenance Provider, and MRT Line 3 operations are carried out solely by MRTC. Therefore, there is no single entity handling both operation and maintenance (O&M), to be called an “O&M Operator” currently in MRT Line 3. Kindly confirm the meaning of O&M Operator, is it referring to the party in charge of Operations or Maintenance?	Please replace all instances of “O&M Operator” with “parties in charge of Operations or Maintenance”. The Tenderers shall note that part of the scope of the AMS is to “ <i>Plan, develop and establish a department within MRT3 for the implementation of the AMS and support the hiring of the key personnel of this department.</i> ” Hence the services in respect of AMS shall include handover to this department and any other necessary parties involved in the Operations or Maintenance of MRT3 at the time of handover.
		<i>e. Supervise the implementation of the Asset Management System – both the installation of hardware and development of the procedures to use with it;</i>	<u>Asset Management vs. Asset Maintenance</u> The Client refers to AMS using the words “management” and “maintenance” in Chapter 10. However, since management entails a larger scope including maintenance works, it is necessary to clearly define the terms to properly execute our consulting services.	AMS refers to Asset Management System.

			Kindly clarify the definition of AMS – Asset Management System or Asset Maintenance System?	
	<p>a. Determine Scope of the Asset Management System (AMS) to be implemented;</p> <p>b. Determine the Asset Management Policy, Strategy and Framework to be adopted for MRT3;</p> <p>c. Determine the most appropriate method of implementation of the AMS;</p> <p>d. Prepare the Tender Documentation for the implementation Contract(s);</p> <p>e. Supervise the implementation of the Asset Management System – both the installation of hardware and development of the procedures to use with it;</p> <p>f. Handover the running of the AMS to the O&M Operator;</p> <p>g. Plan, develop and establish a department within MRT3 for the implementation of the AMS and support the hiring of the key personnel of this department.</p>	<p><u>Implementation Schedule and Time Frame of AMS</u> The list of AMS works are extensive and comprehensive, to include a range of works from scope/policy design, tender document preparation, tender assistance, implementation supervision, handover to institutional development.</p> <p>To properly plan, schedule, and implement AMS works we kindly request for the following:</p> <ol style="list-style-type: none"> 1. Detailed implementation schedule of AMS works throughout the duration of consulting services 2. Expected time frame for item e “Supervise the implementation of the Asset Management System – both the installation of hardware and development of the procedures to use with it” <p>Item e instructs the Consultant to “supervise all aspects of the works of the Asset Maintenance Contractor.” This is a crucial part in AMS works since the AMS system will be developed during this stage. The Client’s expected time frame of implementation and development of AMS is required to ensure the System is developed on time, within-budget, and to quality standards.</p>	The Tenderers shall propose a period of implementation in their Tender. This shall be included in the Implementation Strategy which requires heavy engagement with the DOTr and parties in charge of operations and maintenance of MRT3. Thus, the implementation period will be agreed with these parties as art of the engagement process.	
	<p>f. Handover the running of the AMS to the O&M Operator;</p> <p>“At this point, the AMS will be fully introduced as part of the O&M regime and the</p>	<p><u>Time frame of handover of AMS</u> A part of the O&M regime is the maintenance regime stipulated by the Contractor, to be reviewed and approved by the Consultant. However, there is no time frame for the Contractor’s submission of the maintenance regime. If Contractor submits the</p>	Please refer to the response re <u>Implementation Schedule and Time Frame of AMS</u> on Annex 1 Item No. 8 of the General Bid Bulletin No. 5.	

		<i>Consultant shall monitor the performance and manage the interfaces should any problems arise for a minimum of 6 months.”</i>	<p>maintenance regime upon the completion of RMA, monitoring performance and managing interfaces for a minimum of 6 months within the duration of consulting services will not be possible.</p> <p>Kindly provide the expected time frame for the Contractor’s submission of the maintenance regime?</p>	
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8th REQUEST FOR CLARIFICATIONS⁴ AND/OR SUGGESTIONS ON THE RFP

ITEM NO.	SECTION NO. – TITLE	PARAGRAPH REFERENCE	CLARIFICATION/SUGGESTION	DOTr RESPONSE
9	<p>General Bid Bulletin #3</p> <p>Chapter 10. Special Provisions</p> <p>1. Training and Transfer of Knowledge</p> <p>c. Training Materials</p>	<p>The Client requires the Consultant to:</p> <p><i>“provide all training material, including presentations, mock-ups, models, stationery, and so on.”</i></p>	<p>Typically, mock-ups and models are provided by the manufacturer producing the equipment, component, and/or sub-system. As a consulting firm, we do not have the technology, resources, and methodologies of a manufacturing company to produce, manufacture, and develop mock-ups and models. In this regard, we kindly request for the Supervision Consultant to be relieved of the tasks of providing mock-ups and models. Accordingly, we kindly propose that the Contractor be required to provide such mock-ups and models, due to their interactions and relationships with various manufacturers of MRT3’s equipment, components, and sub-systems.</p>	<p>The Consultant will identify the requirement for mock-ups and models in the development of the training and can tailor this according to needs and availability. The mock-ups and models can then be procured by the Consultant at his cost from the manufacturer, if necessary.</p>
10	<p>General Bid Bulletin #3</p> <p>Chapter 10. Special Provisions</p>	<p>c. Training Materials</p> <p><i>“The Contractor shall provide such written or printed matter, functional equipment, samples, models cutaway equipment, slides, films, and</i></p>	<p>Kindly clarify the role of the “Contractor” in the provision of training materials and testing and assessment methods.</p>	<p>Please delete “Contractor” and insert “Consultant” in both clauses.</p>

⁴ Letter of Oriental Consultants Global Co., Ltd. received through e-mail last May 28, 2019 at 2:26 PM.

ITEM NO.	SECTION NO. – TITLE	PARAGRAPH REFERENCE	CLARIFICATION/SUGGESTION	DOTr RESPONSE
	1. Training and Transfer of Knowledge c. Training Materials d. Testing and Assessment	<i>other instructional materials as may be necessary for the training. Such equipment and material shall remain the property of the Employer at the end of the Consultant's engagement."</i> d. Testing and Assessment <i>"The Contractor shall develop examination and certification procedures for trainees to verify their attendance and demonstrate understanding in the subjects trained. Assessment methods and procedures shall be included in the Training and Knowledge Transfer Plan submitted to the Employer for approval."</i>		
11	General Bid Bulletin #2 Chapter 10. Special Provisions (Attached Supporting Document)	Documents from the Client were provided in GBB #2 which also included drawings produced during the planning stage for the ventilation system.	To accurately plan, implement, and supervise works for the ventilation system as required by the TOR, we need as-built drawings of the ventilation system. Drawings at the planning stage and as-built drawings are very different, since the former may not reflect actual conditions of the ventilations system. Planning and implementing ventilation works based on drawings produced during the planning stage is highly inaccurate and ineffective, and may lead to serious project management issues. Therefore, without as-built drawings, it will not be possible to plan, implement, and supervise works for the ventilation system.	Please refer to Annex 1 Item No. 5 of the General Bid Bulletin No. 4.

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			Relative to this information, we have made a request to Director Capati of MRT Line 3 on May 27, but no as-built drawings have been provided at the time of this request for clarification. As such, we kindly reiterate our request to the Client to provide as-built drawings of the ventilation system.	