

Metro Manila Subway Project Phase 1 Package CP106: E&M Systems and Track Works			
ITEM NO.	REFERENCE/CLAUSE/ SECTION	QUERIES	RESPONSE
<i>General Bid Bulletin</i>			
1.	New Requirement of Integrated Control and Supervisory System / with Facility SCADA	We found in GBB 22 that this ICSS/FSCADA requirement have moved to Provisional Sum, while GBB 21 made it clear that no additional info is provided and the Contractor shall propose and define for the detail monitoring health statues and other interfaces with each system during the detailed design stage. This means that almost all of engineering works should be considered with our assumptions, and we have to select the proper type of monitoring and equipment type, number of assets, also to evaluate the interface equipment required for these systems etc. These should be reflected into our technical proposal, which take some time.	<p>The requirement is for the CP 106 Contractor to integrate all the BMS located at station and Depot at OCC, this will involve interfacing at the Station and Depot.</p> <p>The Civil Contractor provides the BMS. Therefore, all the information given previously is enough to understand the requirements.</p> <p>The ICSS/FSCADA is not interfacing with other systems unless otherwise, O&M Concessionaire requires additional interfaces to comply with Rules and Operation procedures, and this will be discussed and agreed during the detailed design stage.</p>
2.	New Requirement for Public Event Show at East Valenzuela Station	This has made us review the overall programme/schedule of supply, installation and testing for the necessary subsystems. GBB 21 states that for this Public Event Show, the Contractor shall coordinate with the relevant parties i.e. Civil Contractor to gain early or partial access to meet this particular event, however, without the specific and detailed info about access date and physical	<p>The schedule of leading to this government event could be further reviewed either after the CP 106 contract award to the potential Bidder or during the tender evaluation period with the Engineer & The Employer.</p> <p>The Employer is fully aware that the completion of work for the event is subject to the lead time of all</p>

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		conditions to be prepared by Civil Contractor, it will be much difficult to make our proposal, and require us to make additional clarifications with you.	the necessary material to the site, installation and essential testing completion, as mentioned earlier in item 17 of Annex B in GBB No.17 published dated 10 Aug. 2020.
3.	New Requirement for BIM System	Whilst the cost of providing BIM has moved to provisional sum, this is only part of the workload required to verify how BIM would be adopted, what interfaces would be required and how the organisation needs to adapt to this requirement. The processes required for the level of BIM have to be evaluated to ensure they are compatible with the scope and can be achieved in the timescales given in the Schedule of key dates.	The BIM process and requirement as published in Annex C of GBB No.17 dated 10 Aug. 2020. CP 106 Contractor shall use the BIM drawings (3D) level prepared by others to populate the as-Build data doing and completion of works. Bidder to note that the application of BIM during construction is standard and common practice across the rail industry.
4.	New requirements for CCTV	Our understanding of the new requirements for CCTV is that they are full military grade and far more onerous than those traditionally used on transport system projects. As such the traditional suppliers and specifications we use to procure and obtain prices are not suitable so new requirements for the supply chain have to be developed in the RfQ to ensure we get suitable equipment and prices. The development of these requirements take time and delay the procurement	Bidders understanding is incorrect. The Performance of the CCTV system for security with analytic functions is widely used in the public transport industry to assist O&M concessionaire to manage passenger and staff safety, especially in Metro. Security Functions specified in the Employer's Requirement (Volume II, Part 2, c) ERT of Telecommunication System) under the sections:

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		process.	<p>Intruder detection; Suspicious person detection; Desertion detection published from day 1 of Bid publication. Responses to clarification from the Bidders on security functions are published on 02 September 2020 under GBB 21. These responses are not additional scope or requirements other than elaborating to clarify the safety features for MMSP project.</p> <p>The Employer did not receive a copy of the proposal from the Bidder on CCTV security functions mentioned in the clarification. Cp 106 is a design-build contract and detailed functions to migrate potential risks identified in the design development period and exact functional specification prepared by the contractors are typically evaluated for compliance during the contract execution time. However, Bidders can include alternative solutions demonstrating compliance to the Employers Requirements detailed in the bid documents.</p>

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5.	Outstanding technical clarifications	<p>Some clarification requests for additional requirements of GBB 17 have been sent recently. Out of them, the critical issue is NSRP-S line and MMSP interface demarcation for the signalling part. Since there are limited examples of CBTC and ETCS interfacing and the fact the ETCS supplier and system have not yet been identified, understanding the requirements of the interface is complex and due to the lack of information, it is a time consuming process to evaluate all the possible options and requirements to ensure we understand the risk and process.</p> <p>We need to investigate and validate under what circumstances our supplier can meet the requirement through clarifications with you, to elicit the appropriate methods, and to make the price, which take some time to complete.</p>	<p>Responses to all outstanding technical clarifications were published in the GBB No.23 dated on 14 Sep. 2020. It included all the addendum to the bidding documents of the CP106.</p> <p>The CP 106 Contract is Design-Build; therefore, the Employer fails to understand the Bidders reason for clarification on the pieces of detailed design without the overall system architecture and principles that are to be developed by the Contractor during the detailed design.</p>
6.	Covid-19 situation, the Government of the Philippines	<p>In addition, we would repeat that under the Covid-19 situation, the Government of the Philippines have not allowed foreign nationals (except for existing long-term visa holders) to enter into the country and it will still</p>	<p>The Employer will assist the Contractor to obtain special clearance to crucial personnel and staff for projection execution after Contract award.</p>

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		continue, so we are forced to dispatch all the hard copies of bidding proposal to Manila, which is troublesome and time-consuming works for us.	The challenges to coordinate project activities can be overcome using internet technology to conduct meetings and presentations.