

Prebid Queries and Responses- Lot-2
CMRL/PHASE-II/SYS/ C3&5 ASA06/2023
16-06-2023

S. No.	Part	Section	Clause	Original Bid Condition/Bid Condition in Addendum-1	Bidder's Query	Response
1	NIT	NIT	Bid Submission Date, Corrigendum-02	Bid Submission Start Date: 13 June2023 till 18:00 hrs. Last Date and Time of submission/uploading of Bid: 20 June 2023 till 15:00 hrs. Date and Time of opening of Bid (Technical Bid): 20 June 2023 till 17:00 hrs	Request you to kindly extend the bid submission date.	Refer Corrigendum-03.
2	Part-1	General	General		As per the notification no. No. K-14011/08/2017/MRTS-Coord dated 14th October 2020, all the metros have to be procured telecom products with minimum 50% local content. We request you to kindly consider this in the current tender so that only class I local supplier will be eligible to participate in the tender. Notification copy attached for your reference.	Subject Tender is funded by ADB. Existing Tender condition prevails.
3	Part-1	Section – IV	8.2 Schedule of Adjustment Data:	Reference index for Steel - CRUspi Asia	Request you to replace CRUspi -Asia with Platts as Platts is the commonly used index to refer the prices of steel across the industry.	Tender condition prevails.
4	Part-2	Section- VI B	1.7.1, Addendum 1, Annexure G	OCC Telephone system (1+1) BCC Telephone system (1+1)	This will increase the cost of the Project, as this architecture is with one OEM, the 3-level redundancy can be asked to full fill the Highest availability requirement and in this scenario one Call server at OCC and hot standby server at BCC and 3rd call server as disaster recovery at any location like Depot etc. and all works automatically no manual intervention required.	Please refer Addendum-2.
5	Part-2	Section- VI B	10.1.3, Addendum-1	Telephone System user shall have voice mail facility for users. Bidder may assume minimum 50 concurrent request for voice mail facility.	As voice mail system comes in 24 port or 30 ports, as 50 is not the standard configuration, for wider OEM participation request to kindly amend it to either 24 or 30.	Please refer Addendum-2.
6	Part-2	Section- VI B	10.3.1.8, Addendum-1	Each Phone should support minimum 02 SIP User Accounts.	As per Industry standard the phone shall be IP or SIP, for wider OEM participation request to kindly amend it as IP/SIP with support of 2 users account i.e. have minimum 2 or more call can receive or dial out at a time	Please refer Addendum-2.
7	Part-2	Section- VI B	10.3.2.4.2, Addendum 1	Emergency Phone with Blue Light (as per NFPA 130-2007) a) Analog phone connected to SCR and OCC Emergency Telephones at in Tunnels shall be provided by other designated contractors having underground sections in their scope. ASA-06 Contractor shall provide media gateways in 1+1 redundancy with a minimum of 24 long line cards in each to interface with Emergency phones in tunnels. Call originated from Emergency Telephones from tunnel area shall be landed in nearest station's SCR phone, in case phone in SCR gets unattended in defined and configurable time duration then same call will be re-routed to controller's phone in OCC /BCC. These phones shall be able to auto-attend incoming call in speaker mode without any manual intervention. The distance between two Emergency phones should not exceed250 meters.	As per industry standard, The Media Gateway does not support the 1+1 redundancy with 24 port long card. Request you to make the media gateway from same OEM with LAN port redundancy having 24 port in Two media gateways which shall provide the better availability	Please refer Addendum-2.
8	Part-2	Section- VI B	10.3.2.4.2, Addendum-1	Emergency Phone with Blue Light (as per NFPA 130-2007) a) Analog phone connected to SCR and OCC Emergency Telephones at in Tunnels shall be provided by other designated contractors having underground sections in their scope. ASA-06 Contractor shall provide media gateways in 1+1 redundancy with a minimum of 24 long line cards in each to interface with	Can we use Media gateways with redundant PSU & CPU with 16FXS instead of 2 Media gateways with 24 FXS lines in each UG stations and each depots to meet the above requirements? Please clarify.	Please refer Addendum - 2

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				Emergency phones in tunnels. Call originated from Emergency Telephones from tunnel area shall be landed in nearest station's SCR phone, in case phone in SCR gets unattended in defined and configurable time duration then same call will be re-routed to controller's phone in OCC /BCC. These phones shall be able to auto-attend incoming call in speaker mode without any manual intervention. The distance between two Emergency phones should not exceed 250 meters.		
9	Part-2	Section- VI B	12.1	This Chapter specifies the Particular Technical and performance requirements of the Centralized Digital Recording system. The Digital Recording System Records and Archives calls on Telephones and FSR provided in OCC, BCC ,Depots and Corridor 3,4 and 5 Stations of CMRL Phase II.	Integration of radio with CDRS is not required. Kindly clarify the understanding.	Radio integration for telephony is required. The calls landing on telephony system shall be logged in CDRS.
10	Part-2	Section- VI B	15.1.1.2	All the cables (power cables, data cables, optical fibre cables and pigtailed etc should be LSZH (low smoke zero halogen) type cable at all underground stations.	Please refer below 15.1.2.1.3 & 15.2.1.1 Clause No as per RDSO its double jacket & Both Jacket material is HDPE & as per CPR(Construction Products Regulation) So HDPE jacket is classified has Fca, small flame may ignite the cable. Kindly clarify on the same if it may be Proposed as per RDSO Spec are LSZH jacket cable	Please refer revised bid condition 15.1.2.1.3 and 15.1.2.3 in Addendum 2. For optic fibre cable, please refer clause 15.2.1.1 in Addendum-2. Also refer revised bid condition 15.1.1.2 in Addendum-2.
11	Part-2	Section- VI B	16.2, 16.3, Prebid Queries and Response, dated 20-05-2023	16.2 Security Services and Infrastructure 16.3 Authentication & Identification [IDAM/PAM Solution]	As per Addendum the total number of stations is 113. However as per the list provided the total number of stations is 112. Kindly clarify	Total number of stations is 112 and 2 Depots. Please refer Annexure- F attached with Addendum-1
12	Part-2	Section- VI B	16.9.21	Must provide outbreak prevention to limit/deny access to specific shared folders, block ports & deny write access to specified files & folders on selected clients in case there is an outbreak	It is submitted that some of the OEMs are not meeting above requirements. Therefore , same has been submitted for your kind perusal and same may please be deleted.	Tender condition prevails
13	Part-2	Section- VI B	16.9.48	Must be capable of uninstalling & replacing existing client antivirus software.	It is submitted that it cannot be deleted automatically. Client has to Uninstall existing antivirus manually. Please clarify.	Please Refer Addendum 2
14	Part-2	Section- VI B	16.9.9	Network threat protection should analyse incoming data blocks threat while they travel through the network before hitting the system. Rule based firewall & browser protection should be included to protect against web-based attacks.	It is submitted that above requirement is related to Fire wall. Please confirm	Tender condition prevails. It is part of EDR Solution.
15	Part-2	Section- VI B	3.5.7.4	The PAS shall have minimum two audio matrix switches/controller configured in redundant manner with active controller controlling PAS circuits A&B. The switch over between controllers shall not exceed 5 seconds for all required functionalities	As per ASA -06, Configuration is asked for PAS circuits A&B with active Controller. As per ASA-05 Audio Controller A&B controlling separate PAS circuits A&B so it is recommended to follow single configuration in all Corridors 3,4 and 5 for ASA-06, ASA-05, ASA-08	Tender condition prevails.

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16	Part-2	Section- VI B	3.5.7.4, Addendum 1	The PAS shall have minimum two audio matrix switches/controller configured in redundant manner with active controller controlling PAS circuits A&B. The switch over between controllers shall not exceed 5 seconds for all required functionalities	As Stations , OCC/BCC and Depot software is in the scope of ASA06 contractor for all the ASA05, ASA06, ASA08 locations. Therefore, the system architecture should be common for the PAS requirement mentioned in ASA05, ASA06, ASA08. We request to kindly amend the clause accordingly as PAS system architecture in ASA05 and ASA06 is not similar which may result in number of challenges to build a common software for two different system architectures if the system architecture chosen by ASA05 contractor shall be of A and B Matrix type instead of redundant architecture. Requirement in ASA05: 2.5.7.4 The PAS shall have minimum two audio matrix switches/controller (as Matrix Switch A & Matrix Switch B) in at each node with each controller controlling separate PAS circuits or matrix switches/controller shall be configured in redundant manner such that switch over between controllers shall not exceed 5 s for all required functionalities. Requirement in ASA06: The PAS shall have minimum two audio matrix switches/controller configured in redundant manner with active controller controlling PAS circuits A&B. The switch over between controllers shall not exceed 5 s for all required functionalities	Tender condition prevails.
17	Part-2	Section- VI B	6.1.3.2.1	Fixed box type colour IP, IR cameras with varifocal lens complete with housing and mount. for station entry, parking, ramp, and PF ends, cross passages, point zone and RSS outdoor installations.	Please confirm if Bidder can propose Fixed IP Bullet or Fixed IP Box Camera as per requirement which has also been considered in other recent metro tenders in India	Tender condition prevails.
18	Part-2	Section- VI B	6.2.3.1, Addendum -1	Focus Control: Auto focus Zoom Control: Motorized	The specifications asked is of Box Camera with C/CS Mount lens C/CS Mount Lens with motorized and auto focus is technically not feasible so we request you to kindly remove C/CS Mount from lens specification so that Auto focus motorized lens can be given with M12 mount or equivalent which is available with all the OEMs or make it with C/CS Mount with manual focus and zoom. Request to amend: If C/CS Mount then focus Control-Manual Zoom Control - Manual OR If M12 Mount or equivalent then Focus Control: Auto focus Zoom Control: Motorized	Tender condition prevails.
19	Part-2	Section- VI B	6.2.3.1, Addendum -1	"ZOOM Control Motorized"	It is submitted that some of OEM's don't have combination of mount type C/CS and motorized Zoom control. Therefore ,it may be amended as Zoom Control Manual/Motorized.	Tender condition prevails.

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20	Part-2	Section- VI B	6.2.5.3	Table 6.4:"Sensitivity mentioned is: @F1.2,30 IRE or Better.	Some of the Reputed OEM's informed us that they don't have any camera meeting above sensitivity requirements. Therefore ,it may be amended as sensitivity @F 1. 4,30 IRE.	Tender condition prevails.
21	Part-2	Section- VI B	ISS & Cyber Security	General	For deriving data leak prevention (DLP), please provide information about type of email server solution implemented at CMRL.	Please refer revised bid condition 16.13.6 in Addendum-2.
22	Part-2	Section- VI C	Addendum-1, Annexure-C	St. Thomas Mount Metro Station	Request you to confirm whether double stacked platform will be constructed in St. Thomas Metro, or the existing platforms will be utilized. Based on your survey, we understand , existing platform is having the required Communications systems including CCTV, PAS, PIDS etc. Hence, kindly request you to confirm whether bidder needs to provide the communication system like CCTV, PIDS required for the existing platform for St. Thomas Mount Metro Station under ASA-06.	Existing station building will be utilised. Please refer Addendum-1, Annexure-C and Prebid Queries and Response, dated 20-05-2023, S.No. 352. Bidder shall provide new telecom systems in the existing Stations building as per the Tender requirements. Existing Telecom systems in the present station building will be dismantled by Employer.
23	Part-2	General	General	General	Request you to define the scope of work at OCC/BCC for providing ACIDS, CCTV, PAS, PIDS, Telephony	All Telecom facilities are required in OCC/BCC. CPIS is required at OCC/BCC and PIDS at stations as per the tender requirements. Refer clauses 1.4.1.1 and 1.4.1.2 for the Madhavaram Depot and Nandanam Scope in Addendum-1. Kindly refer relevant chapters for PAS,PIDS ,CCTV and ACIDS along with CPIS and ISMS at OCC/BCC CER.
24	Part-2	General	General	General	We understand only the Telephony system of Phase II is required to be integrated with CMRL Phase I and no other systems is envisaged for integration with Phase II. Kindly confirm our understanding.	TELEPHONE, OAIT and FOTS required for integration with CMRL Phase-1 and Ext. Please refer clause 10.2.2.2.3 in Addendum-1 and 9.1.1.17 and 11.4.8 in Addendum-2.
25	Part-3	Section-VIII	7.7 Ownership of Plant and Materials	Except otherwise specified in the Contract, each item of Plant and Materials shall, to the extent consistent with the Laws of the Country, become the property of the Employer at whichever is the earlier of the following times, free from liens and other encumbrances: (a) when it is incorporated in the Works; (b) when the Contractor is paid the corresponding value of the Plant and Materials under Sub-Clause 8.10 [Payment for Plant and Materials in Event of Suspension]".	As you would be aware, in ASA 05, we had the provision of High Sea Sales. Hence, request you to amend the clause as below: "Ownership of the Plant and Equipment (including spare parts) to be imported into the country where the Site is located shall be transferred to the Employer at high seas. Contractor shall maintain all insurance and bear all risks for safe handling and transport of the Plant and materials until delivery to Employer's depot site. Ownership of the Plant and Equipment (including spare parts) procured in the country where the Site is located shall be transferred to the Employer when the Plant and Equipment are taken over by the Employer, following the issuance of taking over certificate for that portion of the works. Ownership of the Contractor's Equipment used by the Contractor and its Subcontractors in connection with the Contract shall remain with the Contractor or its Subcontractors. Ownership of any Plant and Equipment in excess of the requirements for the Facilities shall revert to the Contractor upon Completion of the Facilities or at such earlier time when the Employer and the Contractor agree that the Plant and Equipment in question are no longer required for the Facilities.	Tender condition prevails.

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					Notwithstanding the transfer of ownership of the Plant and Equipment, the responsibility for care and custody thereof together with the risk of loss or damage thereto shall remain with the Contractor pursuant to GC 17.2 [Contractor's Care of the Works]."	