

Clarifications to Bidder's queries
CMRL / PHASE – II / SYS / ASA07 / 2021
14-03-2022

Current S.No.	S.No of Addendum or prebid query response	Addendum or prebid query response	Section	Clause	CMRL Response	Clarification Query_09032022	CMRL Response on 14-03-2022
1	1	Addendum2_ASA_07	Section – VI B Particular Specification	Clause No: 2.1.2.7.a) Page No: 314	The Contractor shall co-ordinate with Civil Works Project Contractors in order to provide comments or recommendation on station and depot building materials, finishes, architectural layouts, installation requirements for antenna supports, availability of proper cable duct, mounting arrangements for Leaky Co-Axial Cables (LX) and other cables in the tunnels and elsewhere. This shall, wherever required, also include necessary co-ordination with the civil works contractor for the erection of towers on the roof/over the lift shafts/ at ground level to support the TETRA antennae at the required heights to meet the coverage objectives. Majority of the elevated station entry structures are having a Height of 12 mtr from ground and the entry structure can accommodate a 20 meter roof top tower. 12 mtr Station Entry structure height from ground level + 20 meters Roof top tower height. Combined arrangement can attain a height of 32 mtr above ground level.	As per the previous tender clause " Majority of the stations are designed to cater to 12 meter roof top tower (20 + 12 meters above ground level), which means the majority of the station have 20M height with the provision the erect 12M Roof Top Tower. However as per the Addendum2_ASA_07, this condition has been reversed with majority of the station having 12M height from ground and provision of 20 metre to erect to roof top tower. As this will significantly impact the height of the tower RF coverage and also impact the timelines to redesign the network ,hence we would like to re-confirm if the height of the station has been indeed revised to 12M from the previous 20M. Please confirm.	Confirmed. Majority of the elevated station entry structures are having a Height of 12 mtr from ground and the entry structure can accommodate a 20 meter roof top tower. 12 mtr Station Entry structure height from ground level + 20 meters Roof top tower height. Combined arrangement can attain a height of 32 mtr above ground level.
2	7	Addendum2_ASA_07	Section – VI B Particular Specification	Clause No: 16.1.5.22. Page No: 434	The interface shall provide the necessary means to enable OCC to initiate triggering of pre-recorded messages in the ontrain public address system. The interface design shall allow the OCC to make pre-defined announcements by selecting one or more audio zones available in the train (saloon, exterior etc.).This interface ,as a Preferred Requirement (Possibility to be examined in the design phase and shall be implemented, if feasible), shall support dispatching of play list (Multiple messages and announcement schedules) to on-board PA from OCC.	We understand that Central Public Announcement System shall provide DVAs (which will also store the Audio whereas the RCW system includes library of PA messages in the form of text codes) with analog audio which can be interfaced with the RCW. DVA shall be used in conjunction with the RCW for the Pre-recorded PA announcement. Please confirm.	The RCW Message Library (which stores the audio) is in the scope of this (ASA-07) contract.
3	2	ReplyToBiddersQueries-and-ClarificationsOnReplyToBiddersQueries-dated-03_03_2022	Section – VI B Particular Specification	Clause No: 3.4.8.4 e) iv) c) Page No: 330 of 936	Tender condition will prevail. In addition RCW shall cater a minimum 30 numbers Prerecorded messages entries as spare in RCW HMI in ready to use condition.	We understand that Central Public Announcement System shall provide DVAs (which will also store the Audio whereas the RCW system includes library of PA messages in the form of text codes) with analog audio which can be interfaced with the RCW. DVA shall be used in conjunction with the RCW for the Pre-recorded PA announcement. Please confirm.	The RCW Message Library (which stores the audio) is in the scope of this (ASA-07) contract.
4	4	ReplyToBiddersQueries-and-ClarificationsOnReplyToBiddersQueries-dated-03_03_2022	Section – VI B Particular Specification	3.4.8.4 e) vi) Page No: 330 of 936	Refer addendum 2 for the scheduling functionality. With respect to the Dispatching of Prerecorded messages, RCW shall permit dispatching of Prerecorded messages from RCW Library as well as from Onboard Library. RCW shall permit the administrator to upload prerecorded messages to RCW Library and edit the RCW Library details in the RCW System as when required.	We understand that Central Public Announcement System shall provide DVAs (which will also store the Audio whereas the RCW system includes library of PA messages in the form of text codes) with analog audio which can be interfaced with the RCW. DVA shall be used in conjunction with the RCW for the Pre-recorded PA announcement. Please confirm.	The RCW Message Library (which stores the audio) is in the scope of this (ASA-07) contract.
5	7	ReplyToBiddersQueries-and-ClarificationsOnReplyToBiddersQueries-dated-03_03_2022	Section – VI B Particular Specification	Clause No: 3.4.12.2 a) Page No: 338 of 936	With respect to the Dispatching of Prerecorded messages, RCW shall permit dispatching of Prerecorded messages from RCW Library as well as from Onboard Library. RCW shall permit the administrator to upload prerecorded messages to RCW Library and edit the RCW Library details in the RCW System as when required.	We understand that Central Public Announcement System shall provide DVAs (which will also store the Audio whereas the RCW system includes library of PA messages in the form of text codes) with analog audio which can be interfaced with the RCW. DVA shall be used in conjunction with the RCW for the Pre-recorded PA announcement. Please confirm.	The RCW Message Library (which stores the audio) is in the scope of this (ASA-07) contract.
6	12	ReplyToBiddersQueries-and-ClarificationsOnReplyToBiddersQueries-dated-03_03_2022	Section – VI B Particular Specification	Clause No: 16.1.6.1 Page No: 436	Tetra Simulation facility shall comprise as minimum 1. One set of Onboard equipment. 2. A simulation set up to mimic Central/OCC Tetra-Central/OCC Signalling interface for the Test bench. 3. This setup shall facilitate testing as a minimum a)Passenger emergency call b)Ambient listening c) Live PA d) Prerecorded PA e)Command and Alarm transmission with Signalling and Rolling stock.	The demonstration/testing of the mentioned features require connectivity with the main TETRA Infrastructure. We will be connecting the main CMRCL TETRA Radio system with the test bed facility like onboard train radios (under coverage zone) and RCW . Please suggest , if our understanding is incorrect.	Bidder may Design and implement the facility suitably.

7	93	tech_prebid_689140	Part 1 - Section – IV Bidding Forms	Page 140	Form FIR -2 : Current Contract Commitments	There will be several ongoing and closed contracts for both CCTV & Radio System, which Consortium members will have under implementation and these contracts will be not limited to just metro contracts. Considering this It may not be possible for bidder to provide the details of all such on-going contract. It is suggested that the bidder should be allowed to produce only a Bank Certificate showing the credit worthiness of the bidder instead of providing all the ongoing contracts which will not be feasible . Kindly confirm	Bid conditions will prevail.
8	13	ReplyToBiddersQueries-and-ClarificationsOnReplyToBiddersQueries-dated-03_03_2022	DATE EXTENSION	DATE EXTENSION	Last Date and Time of submission/uploading of Bid, - 04 April 2022 till 13:00 hrs	We request CMRL to give an extension of 45 days from the current date of submission . (1) Last amendment has been released on 3rd March'22. (2) Still there are few clarifications required based on current & earlier queries. (3) Our earlier request of extension for 60 days considering the vastness of network ,to provide the best design for smooth CMRL Phase 2 network.	Last Date and Time of submission/uploading of Bid will remain as per Corrigendum 04
9	76	Addendum1_V3	Part 2	13.8.1.1	A comprehensive maintenance plan is proposed wherein, the maintenance will be the total responsibility of the contractor including supply of spares, equipments and attending to software defects, compliance to cyber security Audits etc. The comprehensive maintenance will start from the day of taking over certificate and will run concurrently with the maintenance responsibility during Defects Liability Period (DLP). During DLP, the maintenance shall be the responsibility of the Radio Contractor including supply of stores, spares, test equipments etc. Cost arising out of the saving in DLP maintenance should be taken into consideration in the comprehensive maintenance cost.The Comprehensive Maintenance shall be initially for five years .Beyond the initial period of 5 years also, CMRL reserves the right to renew the CAMC on same terms & conditions, with price escalation as per main Contract conditions.This procedure will be followed for the full design life (15 years) of the system with applicable price adjustment as per conditions of contract.	We understand that only five years of AMC scope needs to be considered starting from the date of ROD/TOC. We further understand that 2 years of DLP and 5 years of AMC shall run concurrently from the date of ROD/TOC of each section/stage. Please confirm.	The Comprehensive Maintenance shall be initially for five years .Beyond the initial period of 5 years also, CMRL reserves the right to renew the CAMC on same terms & conditions, with price escalation as per main Contract conditions.This procedure will be followed for the full design life (15 years) of the system with applicable price adjustment as per conditions of contract. Refer Addendum 1 SN 2,5. The comprehensive maintenance will start from the day of taking over certificate and will run concurrently with the maintenance responsibility during Defects Liability Period (DLP).