



Chennai Metro Rail Limited
(A Joint Venture of Govt. of India and Govt. of Tamil Nadu)

NIT.No: CMRL/SYS/RS/ARE-03A/001/2024

Date: 20/02/2024.

Sub: Invitation of sealed quotation for “Engaging Auditor for performing independent software audit at ARE-03A contractor M/s ALSTOM, premises in Bengaluru”.

Chennai Metro Rail Limited (CMRL) invites quotations for **above subject** having following details: -

1. Scope of Work:

The scope of consultant involves: -

I. Assessment of software quality at CMRL contractor M/s ALSTOM premises at Bengaluru, based on below listed applicable standards.

ISO 25010: - System and software Quality requirements and Evaluation (SQuaRE) Functional suitability of software.

EN 50128 Railway applications - Communication, signaling, and processing systems — Software for railway control and protection systems”.

ISO 9000-3: is a guidance document that helps software development organizations create quality assurance systems that comply with ISO standards. It's a guideline for applying the ISO 9001 standard to software development, supply, and maintenance.

II. To conduct 2 stage audits first preliminary and then assessment audit. Post Assessment detailed Report submission.

2. Project timeline:

The tentative dates for conducting the assessment audit are scheduled from April 2024 to June 2024. The sequential activities for the project include:

- I. Pre-Assessment discussion with CMRL Team
- II. Assessment at location
- III. Submission of Report
- IV. Review of Closure actions if any
- V. Submission of Final Report

Final dates and the timeline will be confirmed by CMRL post award of works.

3. Similar work experience: -

- Vendors participating in the aforementioned work shall have been accredited as an inspection body in accordance with EN 17020 for signalling, functional safety and control system and also been accredited according to ISO 9001:2015.
- Experience of conducting software quality audits/assessments according to EN 50128/ EN 50657 in at least 3 projects for railways/metros industry. Details shall be filled in Annexure-A and proof shall be attached here.

- **Similar works means: -**

Experience in conducting s/w quality audits, particularly in the railway industry for the railway systems. E.g. TCMS of Rolling stock, CBTC of signaling, ISA for signaling projects and products.

If bidder fails to submit the above similar works details, bid will not be considered for further evaluation.

4. Consignee address: -

Any communication related to the above work shall be marked to: -

“Jagadeeshwaran D “
Deputy General Manager (Rolling Stock),
Chennai Metro Rail Limited,
METROS, Anna Salai, Nandanam,
Chennai – 600035, Tamil Nadu, India.
E-Mail – jagadeeshwaran.d@cmrl.in

5. Payment terms:-

- a. All the claims shall be approved by the competent official of CMRL. The payment will be effected within 30 days of submission of claim after due deductions of all statutory payments, taxes, penalties and other applicable deductions. Mobilization advance shall not be paid to the contractor. Tax deduction at source shall be made by CMRL as per the provisions of the Statutes/acts of statutory bodies/local authorities etc., except when the contractor prior to release of payment submits valid and complete documents for tax exemption.
- b. 100% Payment shall be after completion of work and only certification by Competent official of CMRL regarding satisfactory performance and acceptance of the completed work on receipt of the following documents of the billed work / supplied items.
 - i. PAN card number, Bank account details. Bank address, RTGS details and GST details of the Agency are to be forwarded along with the invoice.
 - ii. Documentary evidence towards GST payment and GST shall be paid only after the same is reflected in the GSTR 2B.

6. Validity of Quotation:

Quotation shall remain valid for a period of **180 days** from the date of quotation submission.

7. Agency details:

The bidder has to fill in the vendor detail form enclosed with this Tender Document as **Annexure-B** and same shall be forwarded along with quotation.

8. Jurisdiction:

The court of jurisdiction is Chennai. The English language shall be the official language for all purpose.

Seal and sign of the bidder

9. Acceptance of terms & conditions:

Bidders are requested to submit the sealed and signed copy of this tender document along with quotation as acceptance of all terms & conditions.

10. Quotation submission:

Quotation should be submitted on or before the date & time mentioned below:

<i>Sr. No.</i>	<i>Particular</i>	<i>Schedule of tender opening</i>	
		<i>Date</i>	<i>Time</i>
1.	Last date for submission of bid document	04/03/2024	1500 hrs.
2.	Opening of Bid document	05/03/2024	1530 hrs

11. In the event of the contractor backing out/violation of the contract in the midway without any explicit consent of CMRL, the contractor will be liable for the recovery of higher rates vis-a-vis contracted rates, which may have to be incurred by CMRL on procurement of said item by alternative means.

12. Sealed Quotation to be forwarded through post to below mentioned address on or before the specified time in the mentioned tender document. Late/delayed tenders by any means shall not be accepted and treated as rejected. No fax or Email copy of the tender will be accepted by CMRL. The tender envelope should be super scribed as **“Bid for Engaging Auditor for performing independent software audit at ARE-03A contractor M/s ALSTOM, premises in Bengaluru.”**

“Jagadeeshwaran D”

Deputy General Manager (Rolling Stock),
Chennai Metro Rail Limited,
METROS, Anna Salai, Nandanam,
Chennai – 600035, Tamil Nadu, India.
E-Mail – jagadeeshwaran.d@cmrl.in
Contact No: - 8986234049/9445196271

13. It shall be the responsibility of the tenderer to ensure that his tender reaches the designated officer before the deadline of submission. Any tender brought by any person / courier or any tender received through post after this deadline by the designated officer will not be considered.

14. Amendment of bid document:

At any time prior to the deadline for submission of bid, the CMRL may for any reason, whether at its own initiative or in response to clarifications requested by a Bidder, modify the bid document by the issuance of addenda on its official website www.chennaietrorail.org or through email. In order to afford the Bidders a reasonable time for taking an addendum into account, or for any other reason, the CMRL may in its sole discretion, extend the Bid due date.

15. We look forward to receiving your quotations and thank you for your interest.

With regards,

Sd/-

**Chief General Manager (RS and S&T)
For Chennai Metro Rail Limited**

Seal and sign of the bidder

Details of similar works completion

S.no	Work descriptions	Company name	Work completion certificate attached. (YES/NO)

Vendor Information Form

Note: Bidders are requested to furnish the following information and enclose along with quotation.

<i>Name & Address of the Company :</i>				
<i>Name & Designation of the key person</i>				
<i>Contact information</i>	<i>Mobile no:</i>	<i>Telephone No :</i>	<i>Fax No:</i>	<i>Email :</i>
<u>Bank details</u>				
<i>Bank name</i>				
<i>Beneficiary name</i>				
<i>Bank address</i>				
<i>Bank account no</i>				
<i>IFSC code</i>				
<i>PAN No.</i>				
<i>GST no.</i>				

Price Schedule					
Sr. No	Work descriptions	Rate (in Rs.) (A)	GST		Total Amount (Rs.) including GST C=(A+B)
			In%	In Rs. (B)	
1.	Assessment of software quality based on ISO 25010 standard and Review of Vendor Processes as per ISO 9001, ISO 9000-3, EN 50218				
2	Any other charges (Rs.) if any, please specify. (D)			Charges For :- _____ Rs. _____	
3	Total amount including taxes and all other charges in figures (in Rs.)				
4	Total amount including taxes and all other charges in words (in Rupees)				

Note:

- i. GST as applicable will be reimbursed by CMRL on submission of original receipt.
- ii. Price quoted should be inclusive of all other additional charges.
- iii. If rates quoted are inclusive of tax, then specify the percentage of tax.
- iv. No additional charges will be paid/reimbursed beyond the quoted price.