



**TENDER NOTIFICATION NO.**

**GMRC/S&T/AFC-01/AHMEDABAD/PH-2/R/2023**

**REQUEST FOR PROPOSAL FOR DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING,  
MAINTENANCE OF NCMC EMV & QR CODE BASED AUTOMATIC FARE COLLECTION SYSTEM BASED ON PPP  
REVENUE MODEL for AHMEDABAD METRO RAIL PHASE-2**

**TENDER NO.: GMRC/S&T/AFC-01/AHMEDABAD/PH-2/R/2023**

**VOLUME - I**

**NOTICE INVITING TENDER**

**Gujarat Metro Rail Corporation (GMRC) Limited**

(SPV of Govt. of Gujarat and Govt. of India)

Formerly known as Metro Link Express for Gandhinagar and Ahmedabad (MEGA) Co. Ltd.

Block No.1, First Floor, Karmayogi Bhavan, Behind Nirman Bhavan,

Sector 10/A, Gandhinagar: 382010,

Gujarat, India

Corporate Identification No (CIN): U60200GJ2010SGC059407



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Request for Proposal for Design, Manufacture, Supply, Installation, Testing and Commissioning, Maintenance of NCMC EMV & QR Code based Automatic Fare Collection System based on PPP Revenue model for Ahmedabad Metro Rail Phase-2



Gujarat Metro Rail Corporation (GMRC) Limited  
(SPV of Govt. of Gujarat and Govt. of India)  
Block No.1, First Floor, Karmayogi Bhavan, Behind Nirman Bhavan,  
Sector 10/A, Gandhinagar: 382010,  
Gujarat, India

TENDER NOTIFICATION No: GMRC/S&T/AFC-01/AHMEDABAD/PH-2/R/2023

Date: 14-03-2023

E-Tenders are invited from reputed and experienced Contractors for the following tender:

Tender Name	Tender Fees
Request for Proposal for Design, Manufacture, Supply, Installation, Testing and Commissioning, Maintenance of NCMC EMV & QR Code based Automatic Fare Collection System based on PPP Revenue model for Ahmedabad Metro Rail Phase-2	INR 25,000/-

Interested bidders are requested to visit <https://gmrc.nprocure.com> for eligibility criteria, applying/ downloading the tender document. Last date and time for Bid Submissions is 15:00 Hrs on 28-04-2023.

Any alterations in Eligibility Criteria cum Qualification Requirements, and terms of the Tender Document, or any amendment to the Tender Document, etc, will be uploaded on <https://gmrc.nprocure.com> and GMRC's Website [www.gujaratmetrorail.com](http://www.gujaratmetrorail.com) without any obligation or press notification or other proclamation.

Managing Director  
GMRC, Gandhinagar



## **NOTICE INVITING TENDER**

(SPV of Govt. of India & Govt. of Gujarat)  
[Formerly known as Metro-Link Express for Gandhinagar And Ahmedabad (MEGA)  
Company Limited]  
Block No.1, First Floor, Karmayogi Bhavan,  
Sector 10/A, Gandhinagar: 382010,  
Gujarat, India

TENDER NOTIFICATION No: GMRC/S&T/AFC-01/AHMEDABAD/PH-2/R/2023

Dated: 14-03-2023

E-Tenders are invited from reputed and experienced Tenderer for the following tender:

**Project Name:** Request for Proposal for Design, Manufacture, Supply, Installation, Testing and Commissioning, Maintenance of NCMC EMV & QR Code based Automatic Fare Collection System based on PPP Revenue model for Ahmedabad Metro Rail Phase-2.

1. Ahmedabad also known as Amdavad in Gujarati pronunciation is the largest city and former capital of Gujarat. It is the administrative headquarters of the Ahmedabad district and the seat of the Gujarat High Court. It is the sixth largest city and seventh largest metropolitan area of India with a population of more than 6.3 million and an extended population of 7.8 million. Ahmedabad is located on the banks of the Sabarmati River. It is located 30 km from the state capital Gandhinagar, which is its twin city. Gandhinagar, the Capital of Gujarat, is a systematically planned city on the lines of Chandigarh. The city is divided in 30 well-planned sectors, which are generally self-contained. The core of the city is the Assembly Building (Vidhan Sabha) with administrative offices and Secretariat surrounding it. The wide roads, lined with trees are crossing at right angles to each other and have lawns on both sides. The tree cover in Gandhinagar is one of the biggest in India.
2. Gujarat Metro Rail Corporation (GMRC) Limited, a Special Purpose Vehicle established under the Companies Act, 1956 (hereinafter referred to as “GMRC” or “the Company” or “the Employer” or “the Client”), invites Tenders in a single-stage Two Package from eligible applicants who fulfil qualification criteria as stipulated in RFP, for the work/Services, “Request for Proposal for Design, Manufacture, Supply, Installation, Testing and Commissioning, Maintenance of NCMC EMV & QR Code based Automatic Fare Collection System based on PPP Revenue model for Ahmedabad Metro Rail Phase-2” of Gujarat Metro Rail Corporation (GMRC) Limited.
3. The Project has two distinct corridors, with double track as under:

S. N	Corridor	Elevated (KM)	Total (KM)
1	Corridor-1 Motera Stadium to Mahatma Mandir	22.838	22.838
2	Corridor-2 GNLU to GIFT City	5.416	5.416
Total		28.25	28.25

Request for Proposal for Design, Manufacture, Supply, Installation, Testing and Commissioning, Maintenance of NCMC EMV & QR Code based Automatic Fare Collection System based on PPP Revenue model for Ahmedabad Metro Rail Phase-2



**Corridor-1:** Koteswar Road, Vishwakarma College, Tapovan Circle, Narmada Canal, Koba Circle, Juna Koba, Koba Gaam,GNLU, Raysan, Randesan ,Dholakuva Station, Infocity Station, Sector 1, Sector 10 A, Sachivalaya, Akshardham, Juna Sachivalaya ,Sector-16, Sector-24, Mahatma Mandir.

**Corridor-2:** PDPU, Gift City

**Key Details and Program of the Tender: -**

S. No.	DESCRIPTION	DETAILS
1.	ORGANIZATION	Gujarat Metro Rail Corporation Limited
2.	PROJECT	Ahmedabad Metro Rail Phase-2
3.	DEPARTMENT	S&T
4.	TENDER NUMBER	GMRC/S&T/AFC-01/AHMEDABAD/PH-2/R/2023
5.	NAME OF WORK :s	Request for Proposal for Design, Manufacture, Supply, Installation, Testing and Commissioning, Maintenance of NCMC EMV & QR Code based Automatic Fare Collection System based on PPP Revenue model for Ahmedabad Metro Rail Phase-2
6.	PERIOD OF COMPLETION	18 Months
7.	TENDER DOCUMENTS ON SALE / DOWNLOAD OF TENDER DOCUMENTS	<b>From 14-03-2023 (from 11:00 hrs) to 28-04-2023 (up to 15:00 hrs)</b> on e-tendering website <a href="https://gmrc.nprocure.com">https://gmrc.nprocure.com</a> . Tender document can only be obtained online after registration of tenderer on the website <a href="https://gmrc.nprocure.com">https://gmrc.nprocure.com</a> . For further information in this regard bidders are advised to Contact No. +91 79 23248572, Extension 527
8.	FORM OF TENDER	Open Tender
9.	BIDDING TYPE	Single Stage Two Envelope System  (A) Technical Evaluation and Qualification Criteria  (B) Financial Bid – Highest Quoted Bidder
10.	TENDER FEES*  (NON-REFUNDABLE)	Rs. 25,000/- (Twenty Five Thousand) Only), Inclusive of GST  (Demand Draft /Banker’s cheque drawn on a Scheduled Commercial Bank based in India and should be in favour of “Gujarat Metro Rail Corporation (GMRC) Ltd” payable at Gandhinagar/Ahmedabad)

S. No.	DESCRIPTION	DETAILS
		<p>D.D./Banker's Cheque (in original) shall be accepted only up to 15:00 hours on date of bid submission in the office of Senior Deputy General Manager- Civil &amp; Procurement</p> <p>(Copy of GST registration no. to be provided along with Tender fee)</p>
11.	Tender Security	<p>INR 0.89 Crore as Bank-Guarantee/Demand Draft/ Fixed Deposit/ Banker's Cheque</p> <p>Demand Draft /Banker's cheque / FD/ BG drawn on a Scheduled Commercial Bank based in India and should be in favour of "Gujarat Metro Rail Corporation (GMRC) Ltd" payable at Gandhinagar/Ahmedabad</p> <p>Note : Bidders to note that the payment of tender security shall be made from the account of bidder only. However, in case of JV/Consortium, the tender security can be either paid from JV/Consortium account or one of the constituent member of JV/Consortium.</p> <p>If Tender Security has been made from other than the account mentioned above, same shall not be accepted and all such bids shall be considered ineligible and summarily rejected.</p>
12.	AVERAGE ANNUAL TURN-OVER REQUIREMENT	<p>Rs. 89 Crores for FI/Prime Bidder</p> <p>Rs.16 Crores for AFC provider</p> <p>Rs. 16 Crores for other member (Third and Fourth Consortium Member each)</p>
13.	LAST DATE FOR RECEIPT OF BID QUERIES	<p>27-03-2023 up to 17 :00 Hours</p> <ul style="list-style-type: none"> <li>• Queries/clarifications from bidders after due date and time shall not be acknowledged. The interested applicants can</li> </ul>



S. No.	DESCRIPTION	DETAILS
		<p>send their participation details (i.e. Name, Mobile no., Email ID, Name of firm) through E-mail to <a href="mailto:snehal.shah@gujaratmetrorail.com">snehal.shah@gujaratmetrorail.com</a> on or before 27-03-2023</p> <ul style="list-style-type: none"> <li>The bidder shall submit their queries to above mentioned mail id in excel format and scan copy signed and stamped by tenderer's representative.</li> </ul>
14.	PRE- BID MEETING TO BE HELD THROUGH VIDEO CONFERENCING / ONLINE	28/03/2023, 11:30 Hours
15.	LAST DATE AND TIME FOR RECEIPT OF E-TENDER	28-04-2023, 15:00 Hrs <ul style="list-style-type: none"> <li>Financial Bid is to be filled up on the online portal <a href="https://gmrc.nprocure.com">https://gmrc.nprocure.com</a> as mentioned in financial bid submission</li> <li>Technical Bid is to be submitted physically at the address mentioned below &amp; is also to be uploaded online at <a href="https://gmrc.nprocure.com">https://gmrc.nprocure.com</a></li> </ul>
16.	OPENING OF TECHNICAL BID INCLUDING TENDER FEES & TENDER GUARANTEE	On the last day of submission of Filled-In Technical Bid (as mentioned above) at 15:30 hrs.
17.	DATE AND TIME OF OPENING OF ONLINE FINANCIAL BID	Will be intimated later to technically qualified bidders through e-mail/ phone.
18.	BID VALIDITY	180 DAYS





S. No.	DESCRIPTION	DETAILS
19.	Venue of physical submission of Tender fees, Tender Security and Technical Bid.	Senior Deputy General Manager- Civil & Procurement, Gujarat Metro Rail Corporation (GMRC) Limited (SPV of Govt. of Gujarat and Govt. of India) Block No.1, First Floor, Karmayogi Bhavan, Behind Nirman Bhavan, Sector 10/A, Gandhinagar: 382010, Gujarat, India

\*As per MSME Act 2012 and amendment thereof, the civil firm registered under MSME / NSIC (i.e. National Small Industries Corporation) are exempted in submission of Tender Fees and Tender Security subject to submission of valid registration certificate as on the date of tender submission.

4. Scope of services for the work and Services: As defined in PS and GS of this Tender Documents
5. General description in brief of qualifying requirements and eligibility criteria: As defined in Section-3 of this tender document
6. The Tender – Document consist of:
  - Volume 1
    - Section-1 Instruction to Bidders
    - Section-2 Bid Data Sheet
    - Section-3 Eligibility and Qualification criteria
    - Section-4 Bidding Forms
  - Volume 2
    - Section-5 General Specifications
    - Section-6 Particular Specification
  - Volume 3
    - Section-7 General Conditions of Contract
    - Section-8 Particular Conditions of Contract
    - Section-9 Contract Forms
    - Section-10 SHE Manual

The Tenderers may obtain further information/ clarification, if any, in respect of these tender documents from the office of Sr. DGM/Civil & Procurement, Gujarat Metro Rail Corporation (GMRC) Ltd. (SPV of Govt. of Gujarat and Govt. of India), Block No.1, First Floor, Karmayogi Bhavan, Sector 10/A, Gandhinagar:-382010, Gujarat, India.

7. The tenderer may download the tender document along with Addendum (if any) from (n) Procurement's site <https://gmrc.nprocure.com>.
8. All tenderers are hereby cautioned that tenders containing any material deviation or reservations and/or minor deviation without quoting the cost of withdrawal shall be considered as non-responsive and is liable to be rejected.
9. The intending tenderers must be registered on the e-tendering portal <https://gmrc.nprocure.com>. Those who are not registered on the e-tendering portal shall be required to get registered beforehand. After registration, the tenderer will get the user id and password. On login, the tenderer can participate in the tendering process and can witness various activities of the process.
10. The bidder shall submit his bid as mentioned below:

Envelope – 1: Tender Fees & Tender Security (To be submitted in physical form and scanned copy to be uploaded on n-procure portal)

Envelope – 2: Technical Bid (Original + 1 Copy + Scanned copy of Technical Bid in CD/Pen Drive) in physical form and also to be uploaded online on n-procure portal

Envelope – 3: Signed & stamped Tender document along with Addenda & Clarifications (if any) to be submitted in physical form only.

The envelopes – 1, 2 & 3, as mentioned above, shall be wrapped in an outer envelope addressed to designated officer, duly super scribing on top the Tender No., Name of the work, time and date of submission. The envelope should also bear the name and address of the Tenderer.

Bidder shall submit his technical bid with index, page numbering and sign & stamp on each page by the authorized signatory of tenderer holding PoA. The submission in loose papers may hamper the evaluation process, hence bidder are requested to submit their bids accordingly. **Financial Bid is not to be submitted in the physical form and it must be submitted online only at <https://gmrc.nprocure.com>.** Both the submissions (i.e. Physical & Online) are to be submitted before the last day of bid submission as per the date and time mentioned in NIT. Instructions for online bid submission are furnished in ITB.

11. Submission of Tender after due date and time shall not be accepted under any circumstances. It shall be the responsibility of the bidder/tenderer to ensure that (a) Technical Bid is to be submitted in physical form & is also to be uploaded online at e-tendering portal <https://gmrc.nprocure.com> and (b) Financial Bid / Price Bid is to be submitted in the online form on e-tendering website <https://gmrc.nprocure.com> before the deadline of submission.

GMRC will not be responsible for non-receipt of tender submission as mentioned above due to any delay and/or loss etc.

12. Tenders shall be valid for 180 days from the latest date of submission of Tenders and shall be accompanied with a Tender Security of the requisite amount in the form of a Bank-Guarantee/Demand Draft/ Fixed Deposit/ Banker's Cheque as described in ITB-16.
13. GMRC reserves the right to accept or reject any or all proposals without assigning any reasons. No tenderer shall have any cause of action or claim against the GMRC for rejection of their proposal. GMRC also does not bind itself to accept

the highest price. GMRC shall award of work after evaluation looking into the feasibility, capacity, and competency of the agency.

14. If any Scheduled event(s) of tender activity falls on a public holiday, then the same will be conducted on the next working day at the same mentioned time.
15. Tenderers are advised to keep in touch with the e-tendering portal <https://gmrc.nprocure.com> and GMRC's website [www.gujaratmetrorail.com](http://www.gujaratmetrorail.com) for any updates, Addendum, Clarification, etc.
16. Our Contact person for this tender is Sr. DGM - Civil & Procurement with Mail-ID [snehal.shah@gujaratmetrorail.com](mailto:snehal.shah@gujaratmetrorail.com), Telephone +91 7923248572, Extension 527.
17. Help-Desk Link for E-Tendering:- In case bidders need any clarifications or if training required to participate in online tenders, they can contact (n) Procure Support team:-

(n)Code Solutions-A division of GNFC Ltd., (n)Procure Cell,304, GNFC, Infotower, S.G. Road, Bodakdev, Ahmedabad – 380054 (Gujarat)

Contact Details: Fax: +91-79-40007533

E-mail: [nprocure@ncode.in](mailto:nprocure@ncode.in)

TOLL FREE NUMBER: 7359 021 663

18. Operating System & System Requirements for E- Tender:- Opening Website in IE 8/9/10 - Open IE ->Menu Bar -> Tools-> Compatibility View Settings -> Add website in compatibility view ->Select below option only "Display all Opening Website in IE 11. - Open IE ->Menu Bar -> Tools-> Compatibility View Settings -> Add website in compatibility view ->Select below option only "Display Intranet Sites in Compatibility View".

Don't Close IE. And open the website.

New DSC Purchase & Renewal L: 079 – 66743289/ 66743300 / 200

Email Id:[dscsupport@ncode.in](mailto:dscsupport@ncode.in), [dscsales@ncode.in](mailto:dscsales@ncode.in),DSC Support Toll-Free Number: 1800 - 419 - 4455,(n)Procure Bidding Manuals: [https://www.nprocure.com/html/ummanuals\\_vendor.asp](https://www.nprocure.com/html/ummanuals_vendor.asp)

19. Clarification on RFP Document



A prospective Bidder requiring any clarification on the RFP Document may submit the queries in the below format:-

<b>BIDDER'S REQUEST FOR CLARIFICATION</b>			
<b>Name and Address of the Organization submitting request</b>		<b>Name and Position of Person submitting request</b>	<b>Contact Details of the Organization / Authorized Representative</b>
			<b>Tel:</b>
			<b>Email:</b>
<b>S. No</b>	<b>RFP Reference(s) (Section, Page)</b>	<b>Content of RFP requiring clarification</b>	<b>Points of clarification required</b>
1			
2			



### **Introduction and General Instructions:-**

GMRC Ltd., a Special Purpose Vehicle of the Government of India and Government of Gujarat, is implementing the Ahmedabad Metro Phase-2 Rail Project Phase-2. There are two corridors Motera Stadium to Mahatma Mandir Corridor of 22.838 Kms and GNLU to GIFT city Corridor of 5.416 Kms, comprising elevated stations and 01 Depots. GMRC envisaged implementing an open loop ticketing system for the Ahmedabad Metro phase-2.

To accelerate the said ticketing plan in a cost-effective and timely manner Ahmedabad Metro Phase-2 intends to implement the Smart Ticketing System which comprises the Automatic Fare Collection (AFC) solution and the EMV based contactless Smart Card & QR Code system.

The proposed business model envisages a consortium with the financial institution as the prime bidder. The consortium would be responsible for setting up the AFC solution along with the EMV based contactless smart card & QR Code system. The AFC solution provider is the mandatory member of the consortium. In this model, the complete capital expenditure is offset by a Financial Institution led consortium. FI, which is the prime bidder can act as acquirer as well as issuer bank.

Prime bidder, as part of its technical proposal, is allowed to propose one entity for the role of AFC provider and the consortium should not comprise more than 4 members including prime bidder in the consortium subject to the following conditions:

- i. Each of the entities proposed in consortium shall meet the Eligibility criteria for the member as requested in RFP and bid submission requirement including relevant bidding forms. Prime Bidder is required to include all relevant details of each entity as per the bidding forms provided in the RFP.
- ii. Prime bidder shall also attach Memorandums of Understanding (MoU) (original copy) or Letter of the intent (FORM TECH 2) as per ITB 3.1 signed with each member proposed in consortium, i.e. one MoU or Letter of the intent per member as per ITB 3.1 and prime bidder, which establishes:
  - a. The role of each consortium member executing scope of services and requirements of the RFP
  - b. The formal declaration of proposed members consent on back-to-back arrangement for the RFP and ensuing contract with the Prime bidder and the Technical and Financial Proposal submitted by the Prime Bidder.
  - c. All members (FI & Other consortium members including AFC Provider) shall have Joint & Several liabilities for the proposed services.
- iii. GMRC shall evaluate each of the entities proposed in consortium member as per the eligibility criteria set out in this RFP.
- iv. Before the expiration of the period of bid validity, the Employer shall notify the successful Bidder, in writing, that its bid has been accepted. The notification letter (hereinafter and in the Conditions of Contract and Contract Forms called the “Letter of Acceptance”) shall be issued to the successful bidder seeking the acceptance of LoA.
- v. Gujarat Metro Rail Corporation Limited also plans to extend its services to offer contactless smartcard-based ticketing system to Ahmedabad metro parking services and other mode of transport, etc. in Ahmedabad and can potentially extend to other transit agencies like cabs/autos also. AFC system could be extended to Private Bus operators based on their voluntary adoption of the proposed AFC system