EXPRESSION OF INTEREST (EOI)

FOR

Independent Testing and Validation of CCTV Surveillance and Vehicle Speed Detection Systems for Gujarat Maritime Board

EOI Reference No.: GIL/GMB/EOI/2026/CCTVPOC

Date: 05/11/2026

Gujarat Informatics Limited
Block No:2, 2nd Floor, Karmyogi Bhavan,
Sector: 10-A, Gandhinagar
Contact No: 079-23252026

1. INVITATION FOR EXPRESSION OF INTEREST

Gujarat Informatics Limited (GIL) invites Expression of Interest (EOI) from eligible, experienced and technically competent OEMs / System Integrators / Specialized Agencies having proven experience in CCTV, Video Surveillance, Camera Analytics, Image Quality Assessment, Camera Calibration and related technologies.

The purpose of this EOI is to identify technically capable agencies having the requisite expertise, manpower, tools and methodology for undertaking Testing and Validation of ANPR camera accuracy and Vehicle Speed Detection Systems for the GMB Ports.

The EOI is intended to understand the available technical capabilities, methodologies, solutions and resources available with prospective agencies before finalization of the detailed scope of work, if required.

2. ELIGIBILITY CRITERIA

Bidders must meet the following minimum eligibility criteria to be considered for the shortlist:

- The bidder must be a registered legal entity (Company, LLP, or Partnership Firm) under Indian laws, with a valid GST registration.
- The bidder must have a minimum of five (5) years of experience in the supply and installation of surveillance or ANPR systems.
- The bidder must have successfully completed at least two (2) similar projects in the government or public sector in India, each with a contract value of not less than ₹1.00 Crore, within the last three (3) years.
- The bidder must have an average annual turnover of at least ₹10.00 Crore over the last three financial years (2022-23, 2023-24, 2024-25).
- The bidder must be an authorised manufacturer or an authorised system integrator with a valid OEM authorisation letter for the proposed ANPR camera models.

3. RESPONSE TO EOI

The EOI response shall preferably contain the following sections:

1. Covering Letter.
2. Company/Agency Profile.
3. Legal Registration Details.
4. Relevant Experience.
5. Details of Similar Projects.
6. Proposed Technical Approach & Testing Methodology
7. Camera Accuracy Assessment Methodology.
8. Details of Tools and Equipment.
9. Client References.
10. OEM's Certification/authorization.
11. Any other relevant information.

4. EVALUATION OF EOI RESPONSES

The responses received against this EOI may be examined by GIL based on parameters including:

- Eligibility and legal status.
- Relevant experience.
- Experience in CCTV/video surveillance.
- Experience in camera accuracy/image quality assessment.
- Technical methodology.
- Availability of technical manpower.
- Availability of testing tools and equipment.
- Experience in large-scale surveillance projects.
- Understanding of the proposed requirement.

GIL may seek clarification or additional information from participating agencies, wherever required. This EOI shall not necessarily result in award of any contract or work.

GIL may, at its discretion, invite shortlisted agencies for a technical presentation and/or demonstration (POC) of their proposed methodology, tools and capabilities.

4.1. PROOF OF CONCEPT (POC) REQUIREMENT

As part of the evaluation process, GIL will conduct a Proof of Concept (POC) to validate the technical claims made by the bidders regarding accuracy, speech recognition, and day/night performance.

- The bidders are invited to propose Advance Security Solutions for Port locations and it will be considered for presentations. The POC will be conducted for proposed cameras for eligible bidders.
- The POC will be conducted at Navlakhi Port. The exact venue will be communicated to eligible bidders via email at least 5 (five) days prior to the POC Date & Time.
- **Bidder's Responsibility:** Each bidder shall bring and set up their own camera system, mounting hardware, network equipment, and any required software for the POC. GIL will provide power supply, network connectivity, and a test vehicle with standard Indian number plates.
- **Test Vehicle:** the current and actual traffic on the port may be viewed and the accuracy of the device will be measured. The camera achieving accuracy will qualify to bid.
- **Setup Time:** Bidders shall be allowed a maximum of 1 (one) day for setup and calibration prior to their testing slot.
- **Mandatory Participation:** Participation in the POC is mandatory. Bidders who fail to demonstrate their systems during the POC will be disqualified from further consideration in procurement.
- **Data Privacy and Security:** All footage, audio recordings, and data captured during the POC shall remain the sole property of GIL. Bidders shall not retain, copy, or use any

captured data for any purpose whatsoever. Bidders shall sign a Non-Disclosure and Data Handling Agreement prior to commencement of the POC. The bidder shall submit video footage and ANPR records to the office and shall not retain any data.

4.2. POC Parameters and Test Protocol:

The POC will test the following parameters:

S. No.	Test Parameter	Test Condition	Pass Criteria
1	Number Plate Capture Accuracy (Day)	Vehicle speed up to 80 km/h, daylight illumination (> 10 Lux)	≥ 95% accuracy
2	Number Plate Capture Accuracy (Night)	Vehicle speed up to 60 km/h, illumination at 0.1 Lux	≥ 90% accuracy
3	Fog Performance	Low-visibility test: fog, mist, glare, or backlighting; visibility up to 50 m	≥ 80% accuracy
4	Rain Performance	Simulated rainfall using overhead sprinklers	≥ 85% accuracy

5. SITE VISIT

GMB / Port Authority shall permit site visits for shortlisted agencies to understand the location for installation. The prior permission/communication is required to contact person Mr. Parag Patel, AE(M), Mobile: 9879050858

Any such site visit shall be subject to the permission and instructions of the concerned authority. No cost/renumeration shall be provided to bidder for Demo in EoI.

6. COST OF PREPARATION OF EOI

All costs associated with preparation and submission of the EOI, including site visits, presentations, demonstrations and submission of documents, shall be borne by the participating agency. The demonstration period will be 15 days and minimum two cameras are to be presented for evaluation.

GMB/GIL shall not be responsible for any expenditure incurred by the participating agency in connection with this EOI.

7. CONFIDENTIALITY

The participating agency shall maintain confidentiality of any technical information, drawings, photographs, system details, configuration information or other information shared by GIL/concerned department during the EOI process.

The information shall not be disclosed to any third party without prior written permission of GIL/competent authority.

8. DISCLAIMER

1. This EOI is issued only for the purpose of obtaining information and identifying OEM having technical capabilities.
2. Submission of an EOI response shall not create any right or claim in favour of the participating agency.
3. GIL reserves the right to accept or reject any or all EOI responses without assigning any reason.
4. GIL reserves the right to modify, cancel, withdraw or extend the EOI process at any stage.
5. GIL may seek additional information/clarification from any participating agency.
6. GIL may, at its discretion, use the information obtained through this EOI for finalization of the detailed scope, technical specifications and procurement/engagement process.
7. Participation in this EoI shall not guarantee any subsequent work order or contract.

9. IMPORTANT DATES

Particular	Date/Time
EoI Publication Date (T)	05-11-2026
Date for Submission of Queries (T+7 days)	12-11-2026
Response to Queries (T+12 days)	17-11-2026
Last Date for Submission of EoI (T+16 days)	21-11-2026
Date of Presentation/Demonstration, if applicable	To be intimated separately to qualified agencies

T = Calendar Days

10. SUBMISSION OF EOI

The EOI response shall be submitted in electronically/physical form as specified below:

To:
Managing Director
Gujarat Informatics Ltd, Block No. 2, 2nd Floor, C & D Wing,
Karmayogi Bhavan Sector - 10 A, Gandhinagar – 382010
Gujarat.
Tel: 079-232-52026
Email: gm-tech@gujarat.gov.in; dgmtech-gil@gujarat.gov.in; mgrhn-itcon@gujarat.gov.in

Note: All Documents must mention EOI Title with signed/stamped by competent authority.

11. Scope of Work

The selected agency/consultant shall demonstrate the proposed solution using the specified camera and associated system configuration to establish the accuracy of ANPR and vehicle speed detection. The solution shall demonstrate not less than 95% accuracy during both daytime and night-time conditions, under actual/representative field conditions.

The accuracy shall be evaluated based on the defined test methodology, sample size, and parameters finalized by the Department/GMB in consultation with the selected agency/consultant.

All proposed camera models must possess valid Bureau of Indian Standards (BIS) – Electronics & IT Goods (Compulsory Registration Scheme) registration and/or Standardisation, Testing and Quality Certification (STQC) certification. Bidders must submit copies of the relevant certificates along with their EOI response. No OEM/ Camera Model without this certification would be allowed to participate in EoI and further in the bid.

12. OBJECTIVE:

The primary objective of this EOI is to identify and OEM capable of delivering state-of-the-art ANPR camera systems that meet the following functional and technical requirements.

12.1 BIS-ER/STQC Certification: All proposed camera models must possess valid Bureau of Indian Standards (BIS) – Electronics & IT Goods (Compulsory Registration Scheme) registration and/or Standardisation, Testing and Quality Certification (STQC) certification. Bidders must submit copies of the relevant certificates along with their EOI response.

12.2 High-Accuracy Speech Recognition: The ANPR system must incorporate advanced audio capture and speech recognition capabilities for the following defined purposes:

- **Voice-Based Operational Commands:** The system shall support hands-free voice commands for control-room operators, including commands for camera PTZ (Pan-Tilt-Zoom) control, playback retrieval, and alarm acknowledgement.
- **Forensic Audio Analysis:** The system shall capture and store synchronised audio streams with video footage to support post-incident forensic analysis and evidentiary proceedings.

The system must demonstrate a minimum speech recognition accuracy of 90% for English and Hindi voice commands under ambient noise conditions of up to 65 dB, typical of urban and highway environments in Gujarat. The detailed test protocol is specified in Section 5 (POC Requirements).

12.3 Day/Night Performance: The cameras must deliver superior imaging performance in both daylight and low-light (night) conditions, ensuring reliable number plate capture and recognition at all times. The minimum requirements are:

- **Daylight:** Number plate capture accuracy of not less than 95% under illumination above 10 Lux.
- **Night:** Number plate capture accuracy of not less than 90% under illumination as low as 0.1 Lux, utilising integrated infrared (IR) illumination where necessary.

12.4 Weather Adaptability: Given the diverse climatic conditions across the Gujarat region—including extreme heat (up to 45°C), dust storms, fog, and heavy monsoon rainfall—the cameras must be ruggedised and capable of maintaining high recognition accuracy in all weather conditions. The system must include:

- Operating temperature range of 0°C to +55°C.
- Integrated heating/cooling mechanisms for thermal management.
- Wiper for cleaning the glass considering dust environment.
- Rust proof casing enclosure.
- Hydrophobic or anti-fog lens coatings.

ANNEXURE – I

EOI RESPONSE COVERING LETTER

To,
The Managing Director
Gujarat Informatics Limited
Government of Gujarat
Gandhinagar

Subject: Independent Testing and Validation of CCTV Surveillance and Vehicle Speed Detection Systems for Gujarat Maritime Board

Sir/Madam,

With reference to the EOI issued by Gujarat Informatics Limited for Independent Testing and Validation of CCTV Surveillance and Vehicle Speed Detection Systems for Gujarat Maritime Board, we hereby submit our Expression of Interest along with the required information and supporting documents.

We confirm that the information furnished by us in the EOI response is true and correct to the best of our knowledge.

We understand that submission of this EOI does not confer any right upon our organization for award of any work or contract.

We agree to abide by the terms and conditions specified in the EOI document.

For and on behalf of the Organization

Name: _____
Designation: _____
Organization: _____
Address: _____
Mobile: _____
Email: _____

Signature & Seal

Date: _____
Place: _____

ANNEXURE – II

COMPANY PROFILE

Particular	Details
Name of Organization	
Legal Status	
Year of Establishment	
Registered Office	
Gujarat Office, if any	
GST No.	
PAN No.	
CIN/Registration No.	
Authorized Representative	
Contact No.	
Email	
Website	
No. of Technical Employees	
Relevant Certifications	