



**Gujarat Informatics Limited (GIL),**  
Department of Science & Technology  
Block No. 2, 2nd Floor, C & D Wing,  
Karmayogi Bhavan Sector - 10 A,  
Gandhinagar - 382010 Gujarat

**INVITING EXPRESSION OF INTEREST (EOI) FOR  
SUBMISSION OF PROPOSAL ON DESIGN AND  
DEVELOPMENT OF INDIGENOUS LARGE LANGUAGE  
MODEL (LLM) FOR GUJARATI LANGUAGE**

## **DISCLAIMER**

The information contained in this Expression of Interest (Eoi) document or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the Gujarat Informatics Limited /DST, Government of Gujarat or any of their employees or consultants, is provided to Bidder(s) on the terms and conditions set out in this Eoi and such other terms and conditions subject to which such information is provided.

The purpose of this Eoi is to provide interested parties with information that may be useful to them in eliciting their offers (the "Proposal") pursuant to this Eoi. This Eoi includes statements, which reflect various assumptions and assessments arrived at by Gujarat Informatics Limited, in relation to the Eoi. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This Eoi may not be appropriate for all persons, and it is not possible for GIL, its employees, or Consultants to consider the investment objectives, financial situation and particular need of each party who reads or uses this Eoi. The assumptions, assessments, statements, and information contained in this Eoi, may not be complete, accurate, adequate, or correct. Each interested agency should, therefore, conduct its own surveys and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements, and information contained in this Eoi and obtain independent advice from appropriate sources before filling up the Eoi. Any deviation in the specification or proposed solutions will be deemed as incapability of the respective Agency and shall not be considered for final evaluation process.

Information provided in this document to the Bidder(s) is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The TENDERER accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

Gujarat Informatics Limited, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or agency under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this Eoi or otherwise, including the accuracy, adequacy, correctness, completeness, delay or reliability of the Eoi and any assessment, assumption, statement or information contained therein or deemed to form part of this Eoi or arising in any way during the Bidding process.

## **EXPRESSION OF INTEREST (EOI) FOR DESIGN AND DEVELOPMENT OF INDIGENOUS LLM MODEL FOR GUJARATI LANGUAGE**

Gujarat Informatics Limited *invites interested entities to participate and submit their proposal against this Eol for design and development of Indigenous LLM Model for Gujarati Language.* For overview of the Eol and suggested response formats, please refer to respective following sections of this Eol.

Interested entities may submit their proposal for this Expression of Interest online, with all the necessary documents duly signed by an authorized signatory on or before last date for submission of Eol response.

### **Instruction to the Interested Entities for proposal submission:**

Interested Entities who wish to participate in this Eol will have to register on <https://www.nprocure.com/>. Further Interested Entities who wish to participate in online Eol will have to procure Digital Certificate as per Information Technology Act 2000 using which they can sign their electronic Eol documents. Interested Entities can procure the same from (n) code solutions – a division of GNFC Ltd., or any other bidder licensed by Controller of Certifying Authority, Govt. of India. Interested Entities who already have a valid Digital Certificate need not procure a new Digital Certificate.

In case Interested Entities need any clarification regarding online participation, they can contact “(n) Code solutions – A division GNFC Ltd.” 403, GNFC Info Tower, Bodakdev – 380054, Gujarat (India). Tel: +91-26857316/17, Email: [nprocure@ncode.in](mailto:nprocure@ncode.in); [nprocuregift@ncode.in](mailto:nprocuregift@ncode.in), Website: <https://tender.nprocure.com>, Toll Free: 1800-233-1010 (Ext. 501 & 512).

Eol documents are available only in electronic format which Interested Entities can download free of cost from the website <https://gil.gujarat.gov.in/> and <https://www.nprocure.com/>. Interested Entities shall upload their proposal only at <https://www.nprocure.com/>. The entities should submit their proposal for this Eol on or before the last date for submission of Eol response along with all the relevant information and documents. In case of any clarifications required, please contact on email ID [dgmapp-gil@gujarat.gov.in](mailto:dgmapp-gil@gujarat.gov.in) or [manager-egov@gujarat.gov.in](mailto:manager-egov@gujarat.gov.in) quoting Eol No. in the subject line.

**Gujarat Informatics Limited,**  
Department of Science & Technology  
Block No. 2, 2nd Floor, C & D Wing,  
Karmayogi Bhavan Sector - 10 A,  
Gandhinagar - 382010 Gujarat

# TABLE OF CONTENTS

---

1	GENERAL TERMS & IMPORTANT DATES.....	6
1.1	EOI ISSUING AUTHORITY .....	6
1.2	IMPORTANT DATES.....	7
1.3	PARTICIPANT'S CONFERENCE.....	7
2	OBJECTIVE OF EOI.....	8
2.1	ABOUT GUJARAT INFORMATICS LIMITED.....	8
2.2	BACKGROUND .....	8
2.3	OBJECTIVE .....	9
2.4	NEED FOR GUJARATI LLM .....	9
2.5	EXPECTATIONS FROM THE PARTICIPANTS (BUT NOT LIMITED TO).....	10
3	LANGUAGE OF PROPOSALS .....	11
4	AREA OF OPERATION .....	11
5	PRE-QUALIFICATION CRITERIA.....	11
6	SUBMISSION REQUIREMENTS .....	13
6.1	SUBMISSION GUIDELINES .....	13
6.2	LIST OF DOCUMENTS TO BE SUBMITTED .....	13
6.3	CLARIFICATION ON RESPONSE FORMATS .....	14
7	TERMS AND CONDITIONS.....	15
8	RESPONSE FORMATS.....	17
8.1	FORM I- DETAILS OF THE ENTITY.....	17
8.2	DATA SIZE & QUALITY REQUIREMENTS.....	18
8.3	INFRASTRUCTURE REQUIREMENTS.....	18
8.4	SUGGESTIVE TECHNOLOGY STACK .....	19
8.5	DATA COLLECTION, TRAINING METHODOLOGY & TIMELINE .....	19
8.6	BUDGET ESTIMATES FOR OPEN-SOURCE VS. PROPRIETARY MODEL .....	20
8.7	PROJECT EXECUTION APPROACH .....	20
8.8	BIAS MITIGATION STRATEGY .....	20
8.9	SUCCESS CRITERIA.....	21
8.10	TESTING DATA ACCURACY & QUALITY .....	21
8.11	PROJECTED REVENUE GENERATION MODEL FOR GUJARATI LLM.....	21
8.12	FORM II- DECLARATION LETTER: SUBMISSION ON ORGANIZATION'S LETTER HEAD	22

8.13 FORM III (TO BE SUBMITTED BY ENTITY)..... 23

8.14 FORM IV: ON LETTERHEAD OF ENTITY ..... 24

8.15 FORM V : FORMAT FOR POWER OF ATTORNEY..... 25

# 1 GENERAL TERMS & IMPORTANT DATES

---

## 1.1 EOI ISSUING AUTHORITY

This Expression of Interest (Eoi) is issued by Gujarat Informatics Limited, Department of Science & Technology, Government of Gujarat.

#	Item	Description
1	Eoi Title	INVITING EXPRESSION OF INTEREST (EOI) FOR SUBMISSION OF PROPOSAL ON DESIGN AND DEVELOPMENT OF INDIGENOUS LARGE LANGUAGE MODEL (LLM) FOR GUJARATI LANGUAGE
2	Eoi issuing Authority Details:	
2.1	Department	Gujarat Informatics Limited, Department of Science & Technology, Government of Gujarat Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan Sector - 10 A, Gandhinagar - 382010 +91 79 23259222
2.2	Contact Person	DGM (APP), Gujarat Informatics Limited Phone: 079-23258397 Email id: <a href="mailto:dgmapp-gil@Gujarat.gov.in">dgmapp-gil@Gujarat.gov.in</a>
2.3	Contact (Alternate) Person	Manager (eGov) Gujarat Informatics Limited Phone: 079-23259325 Email id: <a href="mailto:manager-egov@gujarat.gov.in">manager-egov@gujarat.gov.in</a> <a href="mailto:nikunjp@gujarat.gov.in">nikunjp@gujarat.gov.in</a>
3	Website	<a href="https://gil.gujarat.gov.in/Index.aspx">https://gil.gujarat.gov.in/Index.aspx</a>
4	Mode of submitting proposal	Online
5	Eoi Document Available at	<a href="https://tender.nprocure.com">https://tender.nprocure.com</a> , <a href="https://gil.gujarat.gov.in/Index.aspx">https://gil.gujarat.gov.in/Index.aspx</a>

6	Participant's Conference link	<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NTQ1YjEyYTktMGFmYi00ZDRmLWFmNDEtYzdkN2YxZmY3YmE4%40thread.v2/0?context=%7b%22Tid%22%3a%229d566b85-5fa4-48b2-b154-08ebf4fc5cb3%22%2c%22Oid%22%3a%226ec109eb-819a-42ba-ae44-fd7482b73e90%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NTQ1YjEyYTktMGFmYi00ZDRmLWFmNDEtYzdkN2YxZmY3YmE4%40thread.v2/0?context=%7b%22Tid%22%3a%229d566b85-5fa4-48b2-b154-08ebf4fc5cb3%22%2c%22Oid%22%3a%226ec109eb-819a-42ba-ae44-fd7482b73e90%22%7d</a>
---	-------------------------------	---

## 1.2 IMPORTANT DATES

#	Description	Date & Time
1	Release of Expression of Interest (Eoi)	02/06/2025
2	Meeting on Clarifications	10/06/2025, 15:00
3	Last Date for submission of queries	09/06/2025, 15:00
4	Last Date for Submission of Eoi Response	25/06/2025, 15:00
5	Opening of Eoi Responses	25/06/2025, 15:30

## 1.3 PARTICIPANT'S CONFERENCE

Gujarat Informatics Limited will schedule a meeting through Virtual Conference. The meeting is tentatively scheduled as per the schedule given in Section 1.1 of this Eoi. The purpose of the meeting is to provide participants with any clarifications regarding the Eoi. It will also provide each participant with an opportunity to seek clarifications regarding any aspect of the Eoi.

## 2 OBJECTIVE OF EOI

---

### 2.1 ABOUT GUJARAT INFORMATICS LIMITED

Gujarat Informatics Ltd (GIL) was established as the nodal agency for IT development in the state in February 1999, by the Government. of Gujarat. The company was started with a clear objective to promote IT and accelerate the process of e- Governance in the state. With a mandate to promote IT/ITeS and accelerate the e-Governance initiatives in the state, GIL is gaining significant ground with its continued endeavour towards digital transformation of government agencies and departments of GoG. GIL plays a key role in:

- i. Nodal agency for IT development & facilitating digital transformation.
- ii. Implementing and supporting e-Governance initiatives across Gujarat.
- iii. Developing and maintaining government applications, websites, and portals.
- iv. Providing procurement support and technical assistance to departments.

### 2.2 BACKGROUND

The **Government of Gujarat** is at forefront in contributing to **India's AI revolution**, aligning its vision with **Viksit Bharat @2047 and Viksit Gujarat @2047**. Recognizing the **transformational role of AI**, Gujarat has undertaken **several landmark initiatives** to nurture AI innovation, governance, and industry adoption.

Key Initiatives by Gujarat in AI:

- a. **AI Centre of Excellence (AI CoE) at GIFT City** – A dedicated hub for AI research, industry collaboration, and skill development.
- b. **AI Innovation Challenge** – A platform for AI startups and enterprises to develop cutting-edge AI solutions fulfilling the public sector and private sector requirements.
- c. **AI Taskforce** – A high-level committee to formulate AI strategies, policies, and implementation roadmaps.
- d. **GPU-Based AI Infrastructure** – Establishing **high-performance computing resources** for AI model training and deployment.
- e. **AI-Bot as a Service** – In-house developed AI chatbots for government platforms utilizing 'AIRAWAT - C-DAC' compute infrastructure.
- f. **Integration with DIBD-Bhashini** – Adoption of AI-powered linguistic tools to bridge Gujarati language barriers.



- g. **IT/ITeS Policy Interventions** – Gujarat's IT/ITeS Policy (2022-27) provides CAPEX & OPEX incentives, supporting entities working in DeepTech sector such as startups, incubators & accelerators.
- h. **AI Capacity Building Program** – Collaboration with **key global course providers, institutions, and universities** to train **students** and working professions in AI skills.
- i. **Training & Workshops for Government Employees in AI** –AI workshop and hands-on workshops conducted in collaboration with key global companies.

To further **enhance Gujarat's leadership in AI and language technology**, the **Government of Gujarat intends to develop an Indigenous Large Language Model (LLM) for Gujarati Language**. This LLM will be tailored for **Gujarat's socio-economic landscape, governance requirements, cultural heritage, and industry needs**, ensuring **inclusive, accessible, and scalable AI-driven language innovation**.

## 2.3 OBJECTIVE

Through this **Expression of Interest (EoI)**, Gujarat Informatics Limited (GIL) invites proposals from **AI research institutions, technology firms & startups**, to submit their proposal with respect to **design, develop, and deploy an Indigenous LLM Model for Gujarati Language**.

The model is expected to:

- i. **Enable AI-driven applications in the Gujarati language** across multiple domains.
- ii. **Enhance NLP capabilities** for **e-Governance, Education, Healthcare, Finance, and Industry**.
- iii. **Develop AI-powered solutions** such as **chatbots, machine translation, and speech-to-text, text-to-speech, speech-to-speech, text-to-text tools**.
- iv. **Create a robust linguistic knowledge base** to support AI-driven **document summarization, OCR, and voice recognition** for Gujarati.
- v. **Promote linguistic inclusivity and innovation**, reducing dependence on foreign AI models.
- vi. **Model should have the capability for execution of agent-based workflows**.

## 2.4 NEED FOR GUJARATI LANGUAGE LLM

While **AI language models have advanced globally**, Gujarati language remains **underrepresented in AI-based applications**. **Developing a state-backed Indigenous LLM for Gujarati Language** will ensure:

- i. **Linguistic Inclusivity** – AI-powered applications for Gujarati language users.

- ii. **Governance & Policy Customization** – AI models optimized for **content formulation, governance automation, and citizen interaction.**
- iii. **Reduction in Dependence on Foreign AI Models**
- iv. **Industry Adoption & Economic Growth** – AI-based solutions for **content generation, customer support, and knowledge management.**

## **2.5 EXPECTATIONS FROM THE PARTICIPANTS (BUT NOT LIMITED TO)**

Interested entities are expected to **submit detailed proposals** covering the following key aspects (but not limited to). The detailed response formats are given at clause #8:

- i. **Proposed AI Technology Stack**– Frameworks, Libraries, Open-source/Proprietary tools.
- ii. **Suggestive Model Architecture**– Transformer-based, Fine-Tuning Methods.
- iii. **Training Approach**– Supervised Learning, Reinforcement Learning, Multimodal Integration.
- iv. **Data Requirements**– Collection of Gujarati **text, speech, OCR, ASR datasets.**
- v. **Infrastructure Requirements**– On-Premises/ Cloud GPU/TPU Compute Needs.
- vi. **Project Execution Roadmap** – Clear **milestones, timelines, and deliverables.**
- vii. **Accuracy Benchmarks & Model Performance.**
- viii. **Mechanisms to Improve Accuracy**– Fine-tuning, Data Augmentation, Bias Mitigation.
- ix. **Scalability & Future Expansion**– Multilingual AI integration, API-based deployment.
- x. Proposal whether we should opt for creation of Foundation Model or Large Language Model or Small Language Model to develop this AI solution, keeping consideration the need.

Entities **must demonstrate** their **prior experience, technical capability, and AI expertise** to be considered for further stages of engagement.

### 3 LANGUAGE OF PROPOSALS

---

The proposal and all correspondence and documents shall be written in English.

### 4 AREA OF OPERATION

---

The research institutions, IT firms, startups, and academic institutions, who are operating in the field of Artificial Intelligence (AI), Natural Language Processing (NLP), Machine Learning (ML), Speech Recognition, Large Language Model (LLM) Development, and AI-driven linguistic technologies are invited to submit their proposal against this EoI.

### 5 PRE-QUALIFICATION CRITERIA

---

The interested entities must meet the following **pre-qualification criteria** to be eligible for participation in this EoI.

#	Criteria	Description	Proof Document Required
1	<b>Legal Entity</b>	The entity should be a <b>registered company, startup, research institute, or academic institution</b> in India.	<ul style="list-style-type: none"><li>• Certificate of Incorporation / Registration Certificate</li><li>• PAN and GST Registration</li></ul>
2	<b>Prior Experience in AI/ML</b>	The entity must have experience in <b>developing, training, or fine-tuning Large Language Models (LLMs), NLP-based AI models, or Speech AI models</b> within the last <b>3 years</b> .	<ul style="list-style-type: none"><li>• Work Order/ Completion Certificates from client or Developed PoC/Prototype Model Details</li><li>• Project Detail (Scope, Duration, Outcome)</li></ul>
3	<b>Technical Capability</b>	The entity should have <b>in-house AI/ML research and development capabilities</b> with a qualified team of at least 05 professionals specializing in <b>AI, NLP, Deep Learning, and Model Training</b> .	<ul style="list-style-type: none"><li>• List of Key Personnel and AI/ML Experts</li><li>• Organization Profile</li></ul>

4	<b>Financial Stability</b>	The entity should have a <b>minimum average annual turnover of INR 1 crore</b> in the last <b>three financial years ending on 31st March 2024. (Startups &amp; Academic Institutions are exempted from this criterion).</b>	Audited Financial Statements / CA Certificate
5	<b>Cloud/ Infrastructure Readiness</b>	The entity should have access to <b>cloud-based AI computing resources or on-premises high-performance computing (HPC) infrastructure</b> for training and deploying LLMs.	<ul style="list-style-type: none"> <li>• Details of AI Computing Resources</li> <li>• Cloud Subscription Proof / Server Infrastructure Details</li> </ul>
6	<b>Blacklisting</b>	The entity should <b>not have been blacklisted or debarred</b> by any <b>Central/State Government Department, PSU, or any statutory body in India.</b>	Self-Declaration as per the Form II signed by Authorized Signatory
7	<b>Self-Declaration</b>	The bidder must submit a self-declaration in compliance with guidelines issued by the Ministry of Finance, Department of Expenditure, Public Procurement Division dated 23.07.2020.	Self-declaration on the bidder's official letterhead as per format 8.16.

**Note:**

- i. Gujarat Informatics Limited (GIL) reserves the right to request additional clarifications/documents if required.
- ii. The pre-qualification criteria are **mandatory**, and non-compliance with any of the criteria will lead to disqualification.
- iii. Entities found to have **misrepresented or submitted false information** will be disqualified immediately.
- iv. By submitting their proposal in response to this Expression of Interest (EoI), the participating entity acknowledges and agrees that **the Intellectual Property Rights (IPR) and all associated rights of the Indigenous Large Language Model (LLM) for Gujarati Language, including but not limited to its architecture, training datasets, algorithms, improvements, modifications, and derivative works, shall be the sole and exclusive property of the Tenderer (Gujarat Informatics Limited - GIL), Department of Science & Technology, Government of Gujarat.**
- v. All documents, proposals, and other materials submitted in response to this EoI shall become the property of the Tendering Authority. The Tendering Authority shall have the right to utilize the information, ideas, or concepts contained in the submissions for any purpose deemed appropriate, including evaluation, contracting, or further development, without any obligation to compensate or notify the bidder.
- vi. The Tendering Authority is under no obligation to return any materials submitted as part of the response to this EoI, whether selected or not.

## 6 SUBMISSION REQUIREMENTS

Entities interested in participating in this **Expression of Interest (EoI) for the Design and Development of Indigenous LLM Model for Gujarati Language** must submit their proposals in the prescribed format. The submission should strictly follow the structured **Response Formats defined in Section 8** to avoid redundancy and ensure completeness.

### 6.1 SUBMISSION GUIDELINES

- i. All documents must be submitted **online in PDF format**.
- ii. The proposal must be **duly signed by an authorized signatory** of the participating entity.
- iii. The proposal should be **structured as per the response formats (Section 8)** to ensure uniformity and clarity.
- iv. **Incomplete or non-compliant submissions** will be summarily rejected.

### 6.2 LIST OF DOCUMENTS TO BE SUBMITTED

Entities must submit their proposals in the following structured manner, following the **corresponding response formats in Section 8**:

#	Submission Component	Relevant Response Format in Section 8
1	<b>Cover Letter</b> – A formal letter expressing interest in participation, signed by an authorized signatory.	<b>Form II</b>
2	<b>Entity Details &amp; Eligibility Documents</b> – Includes company registration details, legal status, financial capability, and compliance declarations.	<b>Form I - Details of the Entity (8.1)</b>
3	<b>Technical Proposal</b>	<b>Form 8.2 to 8.6</b>
4	<b>Infrastructure Readiness &amp; Computing Capability</b>	<b>Form 8.3</b>
5	<b>Experience &amp; Expertise</b> – Demonstrates past projects and key personnel experience in AI/ML/NLP/LLM development.	<b>Form I (8.1) &amp; Supporting Documents</b>
6	<b>Self-Declaration Statements</b> – Includes non-blacklisting declaration, land border clause compliance.	<b>Form II, III, IV (8.12 to 8.14)</b>

<b>7</b>	<b>Project Execution Plan</b> – Phase-wise roadmap, timelines, and milestones for LLM development and deployment.	<b>Form 8.7 - Project Execution Phases</b>
<b>8</b>	<b>Cost Estimate &amp; Budget Proposal</b> – Comparison between open-source vs proprietary model costs, including infrastructure, data acquisition, and model training expenses.	<b>Form 8.6 - Budget Estimates</b>
<b>09</b>	<b>Additional Compliance Documents</b> – Includes Power of Attorney.	<b>Form V (8.17)</b>

### 6.3 CLARIFICATION ON RESPONSE FORMATS

- i. **All technical, financial, and infrastructure-related details should be submitted using the response formats prescribed in Section 8.**
- ii. The response formats are structured in a way that **each component of the proposal is addressed under its relevant section** to ensure clarity and avoid duplication.

## 7 TERMS AND CONDITIONS

---

- A. The Authority shall be entitled to reject the Eol proposal, in the event, inter alia:
  - i. the Entity is found to have made a false or misleading representation or statement in the Eol response or under any document prepared, submitted and/or executed by the Entity in relation to the same; or
  - ii. the Entity is found to be ineligible to submit the proposal under the terms of this Eol or as per Applicable Laws; or
  - iii. any other non-compliance with the terms and provisions of the Process or the Eol proposal submitted by the Entity.
- B. During the evaluation of Eol, the Authority may, at its discretion, request a participant for further clarifications and/or information. The request for clarification and the response thereto shall only be in writing; the participant shall be required to reply to the clarification within a period as specified by the Authority.
- C. In response to this Eol, single proposal should be submitted by the entity. Multiple proposals response by single entity will not be accepted.
- D. The Entity acknowledges that any ambiguities, inconsistencies, or misinterpretations arising from the language or terms of the Eol shall be resolved in favor of the interpretation that is most favorable to the issuing authority. The Entity further agrees to seek clarification promptly in the event of any uncertainty regarding the Eol requirements or terms.
- E. This Eol is not an offer and is issued with no commitment. GIL reserves the right to withdraw the Eol and change or vary any part thereof at any stage.
- F. GIL is not restricted in its rights to use or disclose any or all the information contained in the proposal.
- G. GIL also reserves the right to disqualify any participant, should it be so necessary at any stage.
- H. The response to the Participation Criteria shall be prepared in accordance with the requirements specified in this Eol and in the format prescribed in this document for each of the above-mentioned eligibility criteria.
- I. Proposals must be direct, concise, and complete. All information not directly relevant to this Eol should be omitted.
- J. Proposed solution must not violate/breach/copy any copyrighted or patented, concepts in the AI market.
- K. Proposed solution must not violate any data protection and governance regulations and policies.
- L. Proposed solution must adhere to ethical principles and guidelines for the development, deployment and use of AI technologies, including fairness, transparency, accountability and non-discrimination.

\*\*\*\*\*



## 8 RESPONSE FORMATS

### 8.1 FORM I- DETAILS OF THE ENTITY

#	Description	Details (To be filled by the entity) *
1	Name of the Organization	
2	Nature of Business	
3	Company/ Entity Profile (Maximum 400 words)	
4	Address of Headquarter	
5	Address of Registered Office(s)	
6	Date of Incorporation, Organization Registration Location	
7	Income Tax Number (PAN)	
8	Goods and Services Tax Number (GST) (if applicable)	
9	Annual Turnover (For Companies & Startups)	i. <b>FY 2021-22:</b> INR____ Cr. ii. <b>FY 2022-23:</b> INR____ Cr. iii. <b>FY 2023-24:</b> INR____ Cr.
10	Experience in AI/ ML/ NLP/ LLM Development (Last 3 years)- Mention minimum one project here	i. Project Name: ii. Description: iii. Client/Partner: iv. Year: v. Technologies Used:
11	Details of AI/ ML/ NLP/ LLM Projects Developed, Deployed, or Fine-Tuned (if any)	i. Name of Model: ii. Purpose & Industry: iii. Training Dataset Size: iv. Open-Source/ Proprietary: v. Outcome/ Impact:
12	Details of Cloud/ On-Prem AI Infrastructure Availability with the entity	i. Cloud ii. On-Premises iii. GPU/TPU Compute Capacity iv. Storage & Security Measures v. If any other
13	Key Personnel in AI/ ML/ NLP Development	i. Name: ii. Designation: iii. Expertise: iv. Years of Experience:
14	Details of Contact Person for this EoI	i. Name:

		ii. Designation: iii. Email ID: iv. Tel No./Mobile No.:
15	Other Relevant Information ( <i>if any</i> )	

\*Specify "NA" wherever not applicable

## 8.2 DATA SIZE & QUALITY REQUIREMENTS

#	Data Type	Suggest Required Volume	Suggest Source & Quality Assurance
1	Text Corpus		
2	Speech Data		
3	Handwriting Samples		
4	OCR Data		
5	Image Data		
6	Any other data type requirement		

## 8.3 INFRASTRUCTURE REQUIREMENTS (FILL EITHER OF THE TWO TABLES, AS APPLICABLE)

### i. Cloud-Based Infrastructure (If opted)

#	Cloud-Based Infrastructure (If opted)	Agency Response
1	Required TPU/GPU Instances ( <i>Specify Quantity, Memory &amp; Type</i> ):	
2	Compute Power Requirements ( <i>vCPUs, RAM, Storage, Network Bandwidth - Specify</i> ):	
3	Expected AI Workload & Scaling Plan ( <i>e.g., Auto-scaling, Spot Instances, Reserved Instances, etc.</i> )	
4	Data Storage & Security Requirements ( <i>Specify</i> ):	
5	Compliance with Data Privacy & Security Standards ( <i>SOC 2, ISO 27001, MeitY Guidelines, etc.</i> )	
6	Estimated Monthly Cost for Cloud Infrastructure ( <i>Based on Pay-as-you-go / Reserved Instance Model - Specify in INR</i> ):	
7	Cloud-Based Model Hosting ( <i>SaaS-based, API-based, Other - Specify</i> ):	
8	Expected Infrastructure Setup Timeline ( <i>Specify Duration - Weeks/ Months</i> ):	
9	Any other (Please Specify)	

ii. **On-Premises Infrastructure (If opted)**

#	On-Premises Infrastructure (If opted)	Agency Response
1	Required GPU/TPU Configuration ( <i>Specify GPU Model, VRAM, No. of GPUs/TPUs, etc.</i> ):	
2	Compute Power Requirements ( <i>vCPUs, RAM, Storage, Network Bandwidth - Specify</i> ):	
3	Expected AI Workload & Scaling Plan ( <i>e.g., Compute Cluster Expansion, Node Addition, etc.</i> ):	
4	Data Storage & Security Requirements ( <i>RAID Storage, Local Storage, Encryption, Firewalls - Specify</i> ):	
5	Compliance with Data Privacy & Security Standards ( <i>SOC 2, ISO 27001, GDPR, MeitY Guidelines, etc.</i> ):	
6	Estimated CAPEX & OPEX for On-Prem Setup ( <i>Hardware, Maintenance, Power &amp; Cooling Costs - Specify in INR</i> ):	
7	On-Prem Model Hosting ( <i>Dedicated Servers, Kubernetes-based, Other - Specify</i> ):	
8	Expected Infrastructure Setup Timeline ( <i>Specify Duration - Weeks/Months</i> ):	
9	Any other (Please Specify)	

## 8.4 SUGGESTIVE TECHNOLOGY STACK

#	Component	Suggested Technologies
1	Model Framework	
2	Transformer Architecture	
3	Model Training Approach	
4	Tokenizer	
5	Preprocessing Tools	
6	Storage	
7	AI Infrastructure	
8	APIs & Integration	

## 8.5 DATA COLLECTION, TRAINING METHODOLOGY & TIMELINE

Phase	Key Task	Proposed Duration
-------	----------	-------------------

<b>Phase 1</b>	Data Collection, Dataset Preparation	
<b>Phase 2</b>	Pre-training on Large Dataset	
<b>Phase 3</b>	Fine-tuning on Domain-Specific Data	
<b>Phase 4</b>	Testing, Evaluation & Benchmarking	
<b>Phase 5</b>	Deployment & API Integration	

## 8.6 COST ESTIMATES FOR OPEN-SOURCE VS. PROPRIETARY MODEL

Component	Open-Source (INR Cr.)	Proprietary (INR Cr.)
Cloud/On-Prem Compute		
Data Collection & Annotation		
Model Training & Optimization		
Deployment & API Integration		
Total Estimated Cost		

## 8.7 PROJECT EXECUTION APPROACH

#	Execution Area	Approach & Methodology
1	Model Design & Development	
2	Dataset Collection & Labeling	
3	Training & Optimization	
4	Accuracy Testing & Benchmarking	
5	Deployment & Maintenance	
6	Any other (if application)	

## 8.8 BIAS MITIGATION STRATEGY

#	Criteria	Response from Entity
1	Approach to Detect & Mitigate Bias	

2	Bias Evaluation Metrics & Reporting Framework	
---	---	--

## 8.9 SUCCESS CRITERIA

#	Success Indicator	Target/ Expected Outcome
1	Model Accuracy	
2	Gujarati Language Proficiency & Fluency	
3	Real-world Application Efficiency (e-Gov, Business, AI Services)	
4	Response Time & Computational Performance	

## 8.10 TESTING DATA ACCURACY & QUALITY

#	Testing Parameter	Proposed Approach
1	Accuracy Testing Methodology	
2	Error Rate & Mitigation Plan	

## 8.11 PROJECTED REVENUE GENERATION MODEL FOR GUJARATI LLM

#	Revenue Stream	Proposed Monetization Model
1	SaaS-Based API Licensing	
2	AI Model Subscription & Licensing	
3	Government & Industry AI Integrations	
4	AI-Assisted Language Services	

## 8.12 FORM II- DECLARATION LETTER: SUBMISSION ON ORGANIZATION'S LETTER HEAD

**Date:** <<dd-mm-yyyy>>

To,  
**DGM (App),**  
Gujarat Informatics Limited,  
Department of Science & Technology  
Block No. 2, 2nd Floor, Karmayogi Bhavan,  
Sector-10A, Gandhinagar 382 010.

**Subject: DECLARATION OF NOT BANNED/ BLACKLISTED/ DEBARRED**

Dear Sir,

With reference to the EoI “<<EoI Name>>”, I, undersigned <<Name of Signatory>>, in the capacity of <<Designation of Signatory>> certify that, our organization/ entity <<Name of the respondent>> is not banned or blacklisted or debarred by any Central/State Government Authority/Institution in India or any other country.

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Name of the Organization/ Entity:** \_\_\_\_\_

**Date:** \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_.

**Place:** \_\_\_\_\_.

### 8.13 FORM III (TO BE SUBMITTED BY ENTITY)

***Submission on Organization's letter head.***

I/We, \_\_\_\_\_, residing at \_\_\_\_\_ in capacity of \_\_\_\_\_ M/s. \_\_\_\_\_ hereby solemnly affirm that

All Instructions & Terms and Conditions laid down on all the pages of the EoI, have been read carefully and understood properly by me/us which are completely acceptable to me/us, and I/We agree to abide by the same.

I/ We have submitted the Certificates / Documents as required for this EoI. All the Certificates/ Documents/ Information are valid and current as on date and have not been withdrawn/ cancelled by the issuing authority.

It is clearly and distinctly understood by me/us that the proposal is liable to be rejected if on scrutiny at any time, any of the required Certificates/ Documents/ Information is/ are found to be invalid/ wrong/ incorrect/ misleading/ fabricated/ expired or having any defect.

I/ We also understand that failure to produce the documents in "Prescribed Performa" (wherever applicable) as well as failure to give requisite information in the prescribed Performa may result into rejection of the proposal for the EoI.

I/ We confirm that I/ We have meticulously filled in, checked, and verified the enclosed documents/ certificates/ information etc. from every aspect.

All the submitted documents of the proposal against the issued EoI have been physically signed & stamped by the authorized signatory.

In case of breach of any EoI terms and conditions or deviation from specification other than already specified as mentioned above, the decision of the EoI issuing authority for disqualification will be accepted by us.

Whatever stated above is true and correct to the best of my/our knowledge and belief.

Date:

Stamp & Sign of the Authorized Signatory

Place:

## 8.14 FORM IV: ON LETTERHEAD OF ENTITY

**Undertaking as per guidelines published by Ministry of Finance, Dept. of Expenditure, Public Procurement division dated 23.07.2020.**

Mr. \_\_\_\_\_ undersigned authorized representative of M/s <<*Name of the Entity*>> has read clause regarding restriction on procurement from a bidder of a country which shares a land border with India; I certify that <<**Name of Entity**>> is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that <<**Name of Entity**>> fulfills all requirements in this regard and eligible to be considered. [Where applicable, evidence of valid registration by Competent Authority shall be attached.]

If given information is found to be false, this would be ground for immediate termination and further legal action in accordance with law.

(Signature)

Authorized representative of <<Name of Entity >>



## 8.15 FORM V: FORMAT FOR POWER OF ATTORNEY

(To be provided in original on stamp paper of value required under law duly Signed by 'entity')

Dated:

### POWER OF ATTORNEY

To Whomsoever It May Concern

Know all men by these presents, we constitute, appoint and authorize Mr./Ms./Mrs. \_\_\_\_\_ (name and registered office address of the entity) do hereby (Name of the Person(s)), domiciled at \_\_\_\_\_ (Address), acting as \_\_\_\_\_ (Designation and the name of the firm), as Authorized Signatory and whose Signature is attested below, as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our Proposal for award of Contract "[Name of Assignment]", vide EoI Document No. \_\_\_\_\_ dated \_\_\_\_\_, issued by Gujarat Informatics Limited, including Signing and submission of all documents and providing information and responses to clarifications / enquiries etc. as may be required by Gujarat Informatics Limited or any governmental authority, representing us in all matters before Gujarat informatics Limited, and generally dealing with GIL in all matters in connection with our Proposal. We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds, and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

For \_\_\_\_\_

(Name, Title, and Address)

Accept (Attested Signature of Mr./Ms./Mrs.) \_\_\_\_\_

(Name, Title, and Address of the Attorney)

Notes: To be executed by the Entity - The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure. - Also, wherever required, the executant(s) should submit for verification the extract of the charter documents and documents such as a resolution / power of attorney in favour of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the executants(s).