



EoI No. NOHM/EOI/2026/E-252746/A

**National One Health Mission invites
Expression of Interest (EoI)
for**

**Development of Artificial Intelligence Enabled
Tools for Early Detection of Emerging/Novel
pathogens in Humans, Animals, and the
Environment under the National One Health
Mission**

Indian Council of Medical Research
(Department of Health Research, GoI)
V. Ramalingaswami Bhawan,
P.O. Box No. 4911, Ansari Nagar,
New Delhi - 110029, India

Letter of Invitation

1. Invitation for Expression of Interest

The National One Health Mission (NOHM) invites Expression of Interest (EoI) from eligible organizations for the **Development of Artificial Intelligence Enabled Tools for Early Detection of Emerging/Novel pathogens in Humans, Animals, and the Environment under the National One Health Mission.**

The EoI document containing the details of qualification criteria, submission details, brief objective & scope of work and evaluation criteria etc. can be downloaded from the ICMR website (<https://www.icmr.gov.in>).

Schedule for the proponents is as under:

EoI Document Number	NOHM/EOI/2026/E-252746/A
Date of Publication	04 February 2026
Last date of submission	13 February 2026

Note: Interested organizations may please send their proposals in a sealed envelope to the following address:

Dr. Anoop Velayudhan
Scientist 'E'
Communicable Disease Division
Indian Council of Medical Research,
V. Ramalingaswami Bhawan,
P.O. Box No. 4911,
Ansari Nagar, New Delhi - 110029, India

The EoI Document No: NOHM/EOI/2026/E-252746/A along with the title of the EOI as ***“Development of Artificial Intelligence Enabled Tools for Early Detection of Emerging/Novel pathogens in Humans, Animals, and the Environment under the National One Health Mission”*** in **Bold** and complete address as above must be clearly mentioned on the sealed envelope.

NOHM reserves the right to cancel this EoI and/ or invite afresh with or without amendments, without liability or any obligation for such EoI and without assigning any reason. Information provided at this stage is indicative and NOHM reserves the right to amend/add any further details in the EoI, as may be desired by the Competent Authority NOHM and duly notified on the ICMR website.

2. Background

Emerging and re-emerging infectious diseases of zoonotic origin and climate-sensitive health risks pose significant and evolving challenges to public health systems worldwide. Advances in artificial intelligence (AI) and data analytics offer opportunities to enhance integrated disease surveillance through early signal detection, risk prediction, and real-time decision support. In this context, the National One Health Mission (NOHM) invites Expressions of Interest from

eligible organizations to develop AI-based tools for detection of emerging and novel pathogens in humans, animals, and the environment, aimed at strengthening integrated disease control and pandemic preparedness

3. Objective

To fund eligible organizations for the Development of Artificial Intelligence Enabled Tools for Early Detection of Emerging/Novel pathogens in Humans, Animals, and the Environment under the National One Health Mission

4. Scope of Work

NOHM is seeking expression of interest from eligible organization/professional body/academic institution/university/NGOs for “***Development of Artificial Intelligence Enabled Tools for Early Detection of Emerging/Novel pathogens in Humans, Animals, and the Environment under the National One Health Mission***”.

Scope of work includes the following activities.

- Development of AI enabled tools for early detection of emerging/novel pathogens in either humans, animal or environmental sectors OR across all three sectors (humans, animals and environment) using an integrated One Health Approach.
- Integration of the developed AI based solution for end users.
- Undertaking passive evaluation at each stage of development, feature engineering and sharing findings with NOHM.

5. Role of National One Health Mission:

The NOHM will fund R&D for Development of AI enabled tools for early detection of emerging/novel pathogens in humans, animals and the environment.

6. Role of shortlisted organization

- a) The organization shall have all the capabilities and proven experience in design & development of AI tools aligned with mandate of the National One Health Mission.
- b) The organization shall have all necessary infrastructure/material/manpower required for product development/ validation/ scale-up either directly or otherwise.
- c) The organization shall have physical financial strength to undertake the deployment of the AI tool as required in a set milestone.
- d) The organization agrees to share the technical data with NOHM and participate in all discussions in a professional and mutually agreed-upon manner.
- e) The organization agrees to allow authorized personnel from NOHM to visit the designated lab/ production facility as envisaged under this EoI and subsequent Agreement.

Format-1

Proposal template

Section A: General Information

1. Name of the Organization / Institution:
2. Type of Organization: (Academic Institution / NGO / Professional Body / Private Organization / Others – specify)
3. Year of Establishment:
4. Registered Address & Contact Details:
 - Address:
 - Contact Person:
 - Designation:
 - Phone:
 - Email:
 - Website:

Section B: Organizational Profile

1. Vision and Mission of the Organization (max 300 words)
2. Core Expertise and Technical Strengths relevant to development of AI based tools.
3. Experience in Similar Projects (past 5 years)

Project Title	Cost	Partner	Duration	Outcome	Scale of Deployment

4. Collaborations with Government/Academic/International agencies (if any)

Section C: Proposal Details

i. About the Technology / Product / Process Proposed

(Brief description of AI tool you propose to develop under NOHM)

ii. Need and Utility of the Technology from Public Health Perspective

(How the proposed solution addresses early detection of emerging/novel pathogen in humans, animals and environment; relevance to One Health framework)

iii. Details of Work Done So Far

- Concept development
- Prototype/algorithm developed

- Pilot testing
- Field trials (if any)
- Partnerships or prior funding
- Technology Readiness Level (TRL): (*Select one: TRL-1 to TRL-9*)

iv. Details of publications in reputed journals (list), if any.

v. Capacity and Infrastructure Available

- AI/ML development facilities
- Data repositories / access to datasets
- Cloud / computing infrastructure
- Human resources (scientists, engineers, developers, public health experts)
- Lab/field infrastructure

vi. Proposed Action Plan & Methodology

- Objectives & milestones
- Key deliverables
- Methodology / workflow
- Pilot / field testing approach
- Scale-up strategy

vii. Timelines & Milestones (provide Gantt chart)

viii. Expected Outcomes & Impact

- Contribution to NOHM objectives
- Relevance to public health / One Health
- Potential for scalability at national level
- Global health security contribution

Section D: Team & Resources

1. Key Team Members
2. Available Infrastructure & Facilities

Section E: Financial Proposal

1. Estimated Budget (*activity-wise*)
2. Funding Support expected from NOHM
3. Funding from Own resources
4. External grants / Sponsorships (if any)

Section F: Compliance & Declarations

Declaration:

1. We have gone through the complete EoI document No. NOHM/EOI/2026/E-252746/A dated --/--/--- and understood all the terms & conditions, role and responsibilities fully.
2. We have also learnt about the purpose and objective of this EoI
3. We hereby declare that the information provided in the proposal are true & correct, and we will not be deviated from the any of the commitment proposed in this proposal.
4. We agree to abide by the roles & responsibilities as outlined by NOHM.
5. We accept that NOHM has the sole discretion of selection/rejection.

Authorized Signatory

Name:

Designation:

Seal:

Date: