EoI No. EoI/2026/CD/WWS/NOHM/MA-EPR/E-266999

Invitation for Expression of Interest (EoI) For Information on Ready-to-Use Multiplex Assays for Detection of Priority Enteric and Respiratory Pathogens in Wastewater

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

Indian Council of Medical Research (ICMR) invites Expression of Interest (EoI) from eligible industry partners/diagnostic technology organizations/manufacturers having ready-to-use multiplex assays capable of detecting 13 (or more) priority enteric and respiratory pathogens identified under ICMR's national initiative, "Implementation of Wastewater Surveillance for Multi-pathogens Across India."

The purpose of this EoI is to identify available multiplex assay technologies and obtain relevant technical information for technical assessment and validation by ICMR in the context of wastewater surveillance.

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	**EoI No. EoI/2026/CD/WWS/NOHM/MA-EPR/E-266999**
Date of Publication	**4th November 2026**
Last date of submission	**25th November 2026**

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

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

EoI Document No _____along with the title of the EOI as **"Information on Ready-to-Use Multiplex Assays for Detection of Priority Enteric and Respiratory Pathogens in Wastewater**" in **Bold** and complete address as above must be clearly mentioned on the sealed envelope.

ICMR 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 ICMR reserves the right to amend/add any further details in the EoI, as may be desired by the Competent Authority and duly notified on the ICMR website.

2. Background

The Indian Council of Medical Research (ICMR) is implementing the national initiative titled "Implementation of Wastewater Surveillance for Multi-pathogens Across India" with the aim of establishing a standardized and scalable wastewater surveillance system to generate population-level early warning signals of infectious disease transmission and strengthen public health preparedness, situational awareness and timely response.

One of the objectives of the initiative is to develop and implement indigenized wastewater surveillance kits with nationally standardized protocols for biosafety, quality assurance and data reporting across diverse Indian settings.

The surveillance initiative focuses on the following 13 or more priority enteric and respiratory pathogens:

Sl. No.	Priority pathogen*
1	Rotavirus
2	Adenovirus
3	Norovirus
4	Enteroviruses
5	SARS-CoV-2
6	Influenza viruses (Human and Avian)
7	Respiratory syncytial virus
8	Hepatitis A virus
9	Hepatitis E virus
10	Measles
11	Rubella
12	Monkeypox
13	Salmonella Typhi

Multiplex panels covering pathogens beyond the above 13 pathogens will also be encouraged

The initiative has planned coverage across all States and Union Territories of India and is being implemented through a multi-institutional consortium.

3. Purpose and Scope of the EoI

ICMR seeks information from industry partners possessing ready-to-use multiplex assays capable of detecting all of the 13 or more priority pathogens listed above. The information will be used by ICMR to assess the availability and technical characteristics of such assays and, where considered appropriate, undertake technical validation in the context of wastewater surveillance.

This EoI is not intended to solicit proposals for development of a new assay. Organizations may submit information on one or more ready-to-use multiplex assays. The specific validation/assessment approach will be determined by ICMR as appropriate.

4. Capability Expected from Industry Partners

Interested organizations should have a ready-to-use multiplex assay and provide sufficient information to enable ICMR to undertake technical assessment. The submission should include, as applicable:

• Name and brief description of the multiplex assay and the pathogens/targets detected; number of tubes used in multiplex assay and the number of targets per tube.
• Broad assay principle and testing workflow, including relevant platform/equipment requirements;
• Intended sample type/matrix and information on any prior evaluation in wastewater or environmental samples, if available;
• Available validation/evaluation data and supporting scientific or technical evidence;
• Relevant information on assay reagents, consumables, storage/handling and other requirements necessary for assessment; and
• Brief organizational profile and relevant experience/capabilities in molecular diagnostic or multiplex assay technologies.

5. Mandatory Information/Documents to be Submitted

Applicants are requested to submit only the following information/documents:

• Covering letter on the organization's letterhead, signed by the authorised representative;
• Brief organizational profile with name, registered address and contact details of the authorised representative;
• Technical datasheet/product information for the ready-to-use multiplex assay(s), clearly indicating the pathogens/targets detected;
• Available assay validation/evaluation data or supporting technical/scientific evidence; and
• Brief note on prior use/evaluation of the assay in wastewater/environmental samples, if applicable.

Where a document or information is not applicable, the applicant may state "Not Applicable". No separate financial proposal is required.

6. Technical Assessment and Validation

Information received through this EoI will be reviewed by ICMR. Based on the information submitted, ICMR may undertake technical assessment and/or validation of selected assays through appropriate ICMR laboratories/institutions. The assessment and validation methodology, including relevant samples and laboratory procedures, will be determined by ICMR.

Submission of an EoI does not confer any right on the applicant to selection for validation or any subsequent engagement with ICMR