Government ePublishing System

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## Tender Details

Date : 29-Oct-2026 04:27 PM

Print

### Basic Details

| | | | |
|---|---|---|---|
| **Organisation Chain** | Department of Health Research\|\|Indian Council of Medical Research | | |
| **Tender Reference Number** | Pur/PP 4025/e-file 298832 /26-27 | | |
| **Tender ID** | 2026_DoHR_855658_1 | | |
| **Tender Type** | Open Tender | **Form of contract** | Works |
| **Tender Category** | Works | **No. of Covers** | 1 |
| **Payment Mode** | Not Applicable | **Is Multi Currency Allowed For BOQ** | No |
| **Is Multi Currency Allowed For Fee** | No | | |

### Cover Details, No. Of Covers - 1

| Cover No | Cover | Document Type | Description |
|---|---|---|---|
| 1 | Fee/PreQual/Technical/Finance | .xls | Bid Documents |

### Tender Fee Details, [Total Fee in ₹ * - 0.00]

| | | | |
|---|---|---|---|
| **Tender Fee in ₹** | 0.00 | | |
| **Fee Payable To** | NA | **Fee Payable At** | NA |
| **Tender Fee Exemption Allowed** | NA | | |

### EMD Fee Details

| | | | |
|---|---|---|---|
| **EMD Amount in ₹** | 0.00 | **EMD Exemption Allowed** | NA |
| **EMD Fee Type** | NA | **EMD Percentage** | NA |
| **EMD Payable To** | NA | **EMD Payable At** | NA |

### Work /Item(s)

| | | | | | |
|---|---|---|---|---|---|
| **Title** | Developing and fabrication of Modular 3D Viral Disease Ecology Models | | | | |
| **Work Description** | Developing and fabrication of Modular 3D Viral Disease Ecology Models- Custom, disassemblable 3D physical models demonstrating various viral disease ecology pathways (vectors, hosts, and pathogen transmission) | | | | |
| **Pre Qualification Details** | Please refer Tender documents. | | | | |
| **Tender Value in ₹** | 8,84,000 | **Product Category** | Civil Works | **Sub category** | NA |
| **Contract Type** | Tender | **Bid Validity(Days)** | 60 | **Period Of Work(Days)** | 180 |
| **Location** | Entomology Lab, ICMR NIV Pashan Pune | **Pincode** | 411021 | **Pre Bid Meeting Place** | NA |
| **Pre Bid Meeting Address** | NA | **Pre Bid Meeting Date** | NA | **Bid Opening Place** | ICMR NIV Camp Pune |

### Critical Dates

| | | | |
|---|---|---|---|
| **Publish Date** | 29-Oct-2026 05:00 PM | **Bid Opening Date** | 19-Nov-2026 04:00 PM |
| **Document Download / Sale Start Date** | 29-Oct-2026 05:00 PM | **Document Download / Sale End Date** | 19-Nov-2026 03:00 PM |
| **Clarification Start Date** | NA | **Clarification End Date** | NA |
| **Bid Submission Start Date** | 29-Oct-2026 05:00 PM | **Bid Submission End Date** | 19-Nov-2026 03:00 PM |

### Tender Documents

**NIT Document**

| S.No | Document Name | Description | Document Size (in KB) |
|---|---|---|---|
| 1 | Tendernotice_1.pdf | NIT | 2996.56 |

**Work Item Documents**

| S.No | Document Type | Document Name | Description | Document Size (in KB) |
|---|---|---|---|---|
| 1 | Tender Documents | ATE documents.pdf | Tender Documents | 3027.28 |

### Tender Inviting Authority

| | |
|---|---|
| **Name** | Director |
| **Address** | ICMR NIV Camp Pune |

### Tender Creator Details

| | |
|---|---|
| **Created By** | Naveen Kumar |
| **Designation** | Director |
| **Created Date** | 29-Oct-2026 04:15 PM |

आई सी एम आर – राष्ट्रीय विषाणु विज्ञान संस्थान
स्वास्थ्य अनुसंधान विभाग
स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार
ICMR - NATIONAL INSTITUTE OF VIROLOGY
Department of Health Research
Ministry of Health & Family Welfare, Govt. of India

**Ref: Pur/PP 4025/e-file 298832 /26-27** **Date: 29.10.2026**

## Advertisement Tender Enquiry

We are interested in Procurement of Products as per details given below:

Please go through the attached **Terms and Conditions** and submit the quotation immediately addressing to **the Administrative Officer (Stores & Purchase), ICMR-National Institute of Virology, 20-A, Dr. Ambedkar Road, Pune 411 001.**

| S.No. | Full description with complete specification | Qty |
|---|---|---|
| 1 | Developing and fabrication of Modular 3D Viral Disease Ecology Models: Custom, disassemblable 3D physical models demonstrating various viral disease ecology pathways (vectors, hosts, and pathogen transmission)<br>Attached Documents- Technical Proposal and Scope of Work (Comprehensive Material, Structural, and Fabrication Specifications) | 01 Nos. |

The above requirement is uploaded on CPP Portal (ePublishing) for open information to offer the genuine quote on the proprietary nature of the Product/Services.

Bidders are requested to quote the revised rates of GST as applicable issued by Department of Revenue, Ministry of Finance, Government of India.

**The quotation super scribed as "PP 4025/2026-27- Developing and fabrication of Modular 3D Viral Disease Ecology Models" addressed to the Director, ICMR-National Institute of Virology, 20-A, Dr. Ambedkar Road, Post box-11, Pune – 411 001 (Attention: Administrative Officer-Stores) should be either dropped at the Admin Department at NIV or sent through by Speed post / courier (with signature & seal in company letter head) latest by 19 /11/2026 till 03.00 PM**

Due Date to submit the offer/quotation: 19 / 11/2026 (03:00 P.M.)

Thanking you,

Sincerely,

**Administrative Officer (Stores & Purchase)**

Bidders may refer to OM No. P-45021/2/2017-PP(BE-II)-Part(4) Vol.II dated 08th July 2025 for requirements vis-à-vis 'Make in India' policy

a) Eligibility: The Bidder must be a Manufacturer or its authorized Agent.

b) One Bid per Bidder: A firm shall submit only one bid either individually or as a partner of a joint venture. A firm that submits either individually or, as a member of a joint venture, more than one bid will cause all the proposals with the firms' participation to be disqualified.

c) ICMR reserves the right to cancel the bid in part or full without assigning any reason and liability on the buyer. On such cancellation the decision of the DG, ICMR will be binding and final on the subject.

d) You are requested to kindly submit your detailed quote inclusive of all breakups with discounts and all applicable taxes, duties etc., and complete address of your OEM.

e) The price quoted should be upto **ICMR- National Institute of Virology (**consignee location) inclusive of packing and forwarding charges, freight and insurance. In case of local suppliers the prices quoted should be on "Free delivery basis" at ICMR-NIV Stores. No other charges except those mentioned clearly in the quotation will be paid.

f) Prices shall be quoted in Indian Rupees only.

g) Signed / E-sign & scanned quotes through email are acceptable.

h) For hazardous chemical/item, all precautionary measure as per regulation from the point of transportation/ handling/ storage/ safety/ health/ environment to be undertaken/ specified before dispatch. During dispatch, proper symbol for the hazard/ MSDS/ Batch No./ date of manufacturing/ Gross Weight/ Net Weight/ shelf Life etc are to be written/ printed/ pasted on the body of the packing.

i) **Payment Terms:** 100% payment shall be made after receipt of complete goods/Equipment in good condition, acceptance and successful installation of goods/Equipment. This payment is subject to recoveries, if any, either on account of statutory deduction/ taxes/ Liquidated Damages, if any and non-rectification of defects/ deficiencies not attended by the Supplier or otherwise.

j) Delivery Time: Maximum within 3 weeks. However, please indicate the delivery period clearly in the Quote.

k) Penalty Clause: Any delay in dispatching the material may attract penalty @ 0.5% per week subject to a maximum of 10% of the total value of order.

l) Insurance: The supplier shall make all necessary arrangements for insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery.

m) Address of Consignee (Place of Delivery) : Entomology lab, MCC Pashan, Pune 411021

n) Validity of the quotation: Minimum 60 days validity from the date of quote to be provided.

o) GST will be applicable as per the latest GoI notification.

p) If the material is perishable in nature, sufficient dry ice/gel should be added, so that sustainability of the material remains for at least 10 days.

q) Vendors wishing to visit the location may do so from Monday to Friday, during the designated working hours.

r) Bidder is requested to give undertaking Certificate regarding land border "I/ We have read the clause issued by Government of India regarding restrictions on procurement from a bidder of a country which shares a land border with India; I/ We certify that the bidder is not from such a country or, if from such a country, have been registered with the Competent Authority"

**Signature of the Bidder with seal**

**UNDERTAKING FOR REASONABLE PRICE - ANNEXURE-I**

This is to Certify that we have offered the possible reasonable prices vide our Quote No. _____ dated _____ in response to ICMR-NIV Enquiry No. _____, Dated _____ and we further undertake that we will not offer less than the offered rates during the validity period to any other State / Central / PSU / Autonomous Bodies / Universities / R&D Institutes / Pharmaceutical Laboratories / Public Limited Companies.

**Place:**

**Date:**

**Sign. of Bidder with Seal**

**Technical Proposal & Scope of Work**

**Project Name:** Fabrication of Modular 3D Viral Disease Ecology Models

**Reference No.:** PP No. 4025

**Application:** Entomology Museum Exhibits (Vector, Host, and Pathogen Transmission Pathways)

**1. Project Overview & Objective**

The objective of this project is to fabricate a custom-designed, highly durable, modular, and disassemblable 3D physical model system for the Entomology Museum. The exhibit visually demonstrates viral disease ecology pathways, incorporating structural topography, vector dynamics, host interactions, pathogen transmission routes, and integrated multi-media effects, built to withstand high visitor traffic and continuous public interaction.

**2. Comprehensive Material, Structural & Fabrication Specifications**

| Item No. | Component / System | Specification & Technical Standards |
|---|---|---|
| **1 & 2** | **Structural Base Table Framework** | • Heavy-duty commercial-grade metal steel square tubing.<br>• Combination of **1" x 1"** and **1.5" x 1.5"** square tubes with a minimum wall thickness of **16 gauge (1.5 mm)** to guarantee optimum load-bearing capacity and rigidity under heavy exhibit loads.<br>• Anti-corrosive epoxy zinc-phosphate primer coat followed by a durable powder-coated/enamel finish. |
| **3** | **Base Platform & Carpentry** | • **12mm / 18mm Marine-grade plywood (BWR/IS: 710)** sub-base structure with internal cross-bracing to prevent sagging or warping under the weight of the topographical relief map. |

| Item No. | Component / System | Specification & Technical Standards |
|---|---|---|
| 4 | **Support, Levelling & Protection** | • **Heavy-duty threaded adjustable levelling feet (glides) with rubber bases** to accommodate uneven museum flooring, absorb vibrations, prevent rocking, and protect floor finishes. |
| 5 & 11 | **India Map Topography Model** | • Fabricated using premium **FRP (Fiberglass Reinforced Polymer)** utilizing a robust combination of chopped strand mat and woven roving (minimum **600 GSM** overall structure) at high-stress points.<br>• Overall model thickness ranging from **3" to 12"** to create a durable, high-impact relief topographical elevation effect.<br>• Perimeter protected with neat aluminium/wooden moulding trim to prevent edge chipping. |
| 6 | **Lighting & Illumination** | • **High-CRI, low-heat LED spotlights** strategically positioned to illuminate key ecological pathways and exhibit zones without generating excessive heat that could warp plastics or degrade resins. |
| 7 | **Surface Finish & Colouring** | • **NC (Nitrocellulose) base waterproof colouring**.<br>• Washable, scrub-resistant protective topcoat to allow safe cleaning and maintenance. |
| 8 | **Audio Integration** | • Integrated indoor **Sound Effect System** housed within a dedicated, lockable service hatch for ambient audio, narration, and ecological soundscapes. |
| 9 | **Topography & Terrain Effects** | • **UV-stabilized epoxy resin** applied for water bodies and terrain texturing to prevent yellowing or degradation under continuous indoor lighting. |

| Item No. | Component / System | Specification & Technical Standards |
|---|---|---|
| 10 | **Miniature Diorama Elements** | • Precision-moulded plastic miniature models representing **buildings, trees, and animals**.<br>• Mechanically fastened using **pinning (metal dowels/screws)** from underneath the base plate to prevent displacement from visitor contact.<br>• *Optional recommendation:* Provision for a clear acrylic/polycarbonate lift-off dust and touch guard cover. |

**3. Modular & Disassemblable Design Criteria**

- **Modularity:** Engineered in cleanly separated modular sections to facilitate safe transportation, routine internal maintenance, and future exhibit reconfiguration.
- **Disassembly & Joints:** Precision-engineered joints and structural fasteners allow straightforward assembly and breakdown without compromising structural stability.
- **Electrical Safety & Wiring:** All internal wiring for LED spotlights and the sound effect system runs through concealed PVC conduit pipes within the steel tubular frame, equipped with proper grounding and accessible, safe junction points.

# VECTOR-BORNE DISEASES ACROSS INDIA

## STATE-WISE DISTRIBUTION

### VIRAL DISEASES
- Japanese Encephalitis (JE)
- Dengue
- Chikungunya
- Zika
- West Nile Fever
- Kyasanur Forest Disease (KFD)
- Crimean-Congo Hemorrhagic Fever (CCHF)

### PARASITIC DISEASES
- Malaria
- Kala-azar (Visceral Leishmaniasis)

### BACTERIAL DISEASES
- Scrub Typhus (Emerging)

- VECTOR → ANIMAL → HUMAN
- VECTOR → HUMAN
- VECTOR → ANIMAL
- ENVIRONMENTAL CONTAMINATION

### HIMALAYAN STATES
(J&K, Himachal Pradesh, Uttarakhand)
- Tick distribution
- Emerging tick-borne diseases

### PUNJAB, HARYANA, U.P. (WEST)
- Japanese Encephalitis (JE)
- Culex mosquitoes
- Rice fields, pig farms, water birds

### RAJASTHAN & GUJARAT
- Crimean-Congo Hemorrhagic Fever (CCHF)
- Hyalomma ticks
- Livestock, camels, abattoir workers

### UTTAR PRADESH (EAST)
- JE, Kala-azar
- Rice fields, pig reservoirs

### ASSAM & NORTH EAST
- JE, Malaria
- Culex & Anopheles mosquitoes
- Pig reservoirs, migratory birds

### MADHYA PRADESH
- Malaria, Tick-borne diseases
- Rural & forest ecology

### WEST BENGAL
- JE, Dengue, Malaria
- Urban breeding,
- Wetlands, rivers, delta

### ODISHA
- JE, Malaria
- Anopheles mosquitoes
- Forest villages

### CHHATTISGARH
- Malaria
- Anopheles mosquitoes
- Tribal settlements, forest

### BIHAR
- Kala-azar (VL)
- Sandflies (Phlebotomus argentipes)
- Rural houses, dogs

### WESTERN GHATS
(Maharashtra, Goa, Karnataka, Kerala, Tamil Nadu)
- Kyasanur Forest Disease (KFD)
- Haemaphysalis spinigera ticks
- Monkeys, forest workers

### COASTAL INDIA
- Mangroves, wetlands
- Mosquito breeding
- Coastal vector ecology
- Salt marsh mosquitoes

### MAJOR URBAN CENTERS
Delhi, Mumbai, Pune, Bengaluru
Hyderabad, Chennai, Kolkata, Ahmedabad
- Dengue, Chikungunya, Zika
- *Aedes aegypti*, *Aedes albopictus*
- Urban breeding: Water tanks, tires, construction sites, flower pots

### RESERVOIR HOSTS

### MAJOR VECTORS

#### MOSQUITOES

#### TICKS

#### SANDFLIES

### DISEASE TRANSMISSION CYCLE

- Viral Diseases
- Parasitic Diseases
- Bacterial Diseases

### EXAMPLES OF TRANSMISSION CYCLES

### SCAN TO LEARN MORE
- About Diseases
- Vectors
- Symptoms
- Prevention
- Control Measures