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Tender Details

Date : 29-Oct-2026 04:27 PM



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



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NATIONAL INSTITUTE
OF VIROLOGY

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) 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)



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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

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



आई सी एम आर – राष्ट्रीय विषाणु विज्ञान संस्थान
स्वास्थ्य अनुसंधान विभाग
स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार
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- 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	<ul style="list-style-type: none">Heavy-duty commercial-grade metal steel square tubing.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.Anti-corrosive epoxy zinc-phosphate primer coat followed by a durable powder-coated/enamel finish.
3	Base Platform & Carpentry	<ul style="list-style-type: none">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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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. • Overall model thickness ranging from 3" to 12" to create a durable, high-impact relief topographical elevation effect. • Perimeter protected with neat aluminium/wooden moulding trim to prevent edge chipping.
6	Lighting & Illumination	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • NC (Nitrocellulose) base waterproof colouring. • Washable, scrub-resistant protective topcoat to allow safe cleaning and maintenance.
8	Audio Integration	<ul style="list-style-type: none"> • Integrated indoor Sound Effect System housed within a dedicated, lockable service hatch for ambient audio, narration, and ecological soundscapes.
9	Topography & Terrain Effects	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none">• Precision-moulded plastic miniature models representing buildings, trees, and animals.• Mechanically fastened using pinning (metal dowels/screws) from underneath the base plate to prevent displacement from visitor contact.• <i>Optional recommendation:</i> 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



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

RAJASTHAN & GUJARAT

- Crimean-Congo Hemorrhagic Fever (CCHF)
- Hyalomma* ticks
- Livestock, camels, abattoir workers

WESTERN GHATS

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

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

UTTAR PRADESH (EAST)

- JE, Kala-azar
- Rice fields, pig reservoirs

ASSAM & NORTH EAST

- JE, Malaria
- Culex* & *Anopheles* mosquitoes
- Pig reservoirs, migratory birds

WEST BENGAL

- JE, Dengue, Malaria
- Urban breeding
- Wetlands, rivers, delta

ODISHA

- JE, Malaria
- Anopheles* mosquitoes
- Forest villages

BIHAR

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

COASTAL INDIA

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

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