

18.11.22

**Translational Health Science & Technology Institute**

NCR Biotech Science Cluster, 3rd Mile stone, PO Box.04,  
Faridabad-Gurugram Expressway  
Faridabad-121001

**TENDER NOTICE**

Tender No: THSTI/NOC/11/22-23

**Sub: Notice of Inviting offers/Objections for the Supply, Installation, Testing Commissioning and installation of IVC systems for Ferrets Qty-02 sets-reg:**

THSTI is under process to procure subject item on proprietary basis from M/s Orchid Scientific and Innovation India Pvt ltd. on proprietary basis.

The specifications of the required item are to be uploaded for open information to submit offers/objections, if any, from countrywide manufacturer regarding proprietary nature of the item quoting Reference No. THSTI/NOC/11/22-23. The offer should be submitted in compliance with the terms and conditions as enlisted herewith. Distributors are also invited to submit their best offer for the required goods. The comments/objections should be sent in sealed envelope with above reference at the below mentioned address or e-mailed to **equipment\_purchase@thsti.res.in** on or before **02<sup>nd</sup> Dec 2022 up to 1500 Hrs.**

In the event of non-receipt of any objections/comments with in the stipulated time, it will be presumed that vendors of prevailing market don't have any objection towards this enquiry & case will be decided on merits. The detailed specification of the equipment to be procured is given as Annexure-1 with this document.

To Be Submitted To

Admin Officer (Stores & Purchase)  
Translational Health Science and Technology Institute  
3rd Mile Stone, Faridabad-Gurugram Expressway, Faridabad – 121001  
Phone: +91-129-2876434

V.S.RAO  
Admin Officer (S&P)

Terms and Conditions: Attached



**TECHNICAL SPECIFICATION**

**Name of the equipment: IVC SYSTEM FOR FERRETS**

	<b>IVC SYSTEM FOR FERRETS – 2 Set (with accessories)</b>
1.	<b>Each set will comprise: One Air Handling unit with two sets of 3 or more shelf cabinets and three or more cages per cabinet (six or more cages in total per set)</b>
2.	Supply, installation, commissioning, testing and validation of each unit of both positive and negative pressure operated high level individually ventilated caging (IVC) system for experimentation on ferrets with infectious agents.
3.	Unit should be complete with all accessories like Air Handling Unit (AHU) along with HEPA filter fitted blowers, exhaust assemblies, necessary ducting, gauges, complete set of autoclavable cages, with excreta tray, Polypropylene or better flooring, polysulfone water bottle, cage card holders etc.
	<b>System should be comprised of following:</b>
A.	<b>Cages: Minimum 3 cages/unit</b>  1. Cages should be made of stainless steel AISI 304 304 material and fitted with food hopper and 500 ml polysulfone water bottle.  2. Each cage should have polypropylene flooring with floor space of 6000 cm square with perforations for urine collection with minimum cage height of 50 cm.  3. Cage sides should have rod mesh, urine and excreta collection tray is provided with each cage but has to be placed separately in the Cabinet holding the cages.  4. Each cage should be fitted with perch for enrichment purpose.  5. Overall dimensions of the cage should be: 600-630 x 1000-1038 x 500-513 mm (LxDxH) as per EU guideline to hold two male/female ferrets.  6. Cages should be supplied with food hopper, polysulfone water bottle of 500 ml, cage card holder and excreta tray. (Each shelf of the cabinet should have HEPA filter for emergency breathing in case of power failure.)  7. The cage should allow easy placement and removal of the cages and should have system for proper cage stopping or locking.  8. The cage should supply with hose pipes for supply connection and for exhaust port.
B.	<b>Cabinet for holding Ferret Cage:</b>  1. Cabinet should be suitable for holding 3 or more ferret cages and should be



fitted with wheels for each of movement.

2. Each compartment should have air tight door made of toughened glass or Lexan sheet and should fitted with breathing filter of  $0.2\mu$  for emergency ventilation.
3. Each shelf of the cabinet must be air tight.
4. Overall dimensions of the Cabinet should be around 850-900 x 1250-1300 x 2150-2200 mm (L x D x H) so as to hold the cages.

C. **Air handling unit (AHU):**

1. IVC Air Handling Unit should made up of stainless steel 304 and should have supply and exhaust ports mounted on top and side bottom. Silent operation EC/DC fans with high efficiency motor.
2. The AHU should have monitoring parameters which can be monitored through Programmable Logic Controller.
3. There should be a facility to set upper and lower limits for detecting error logs for temperature, RH & ACH.
4. There should be provision of manual mode running too to prevent any failure of system due to PLC error.
5. AHU should run in low, medium and high ACH mode and work in both positive and negative pressure mode. There should be options for error logs and data logs options.
6. Supply & Exhaust Pre-filter of grade G4, Supply & Exhaust HEPA filter of grade H14
7. There should be alarm if any clogging in HEPA filter.
8. Options for disinfection mode with data log and multiple ventilator connectivity.

### **INSTRUCTIONS TO BIDDERS (ITB)**

1. Only manufacturers or their authorized distributors are eligible to participate in this enquiry.
2. Prices quoted /offered should be F.O.R. basis up to THSTI, Faridabad.
3. The supplies if rejected due to non-conformity with the specifications is liable to be replaced free of cost within the stipulated period at the Institution. In case of failure to do so the rejected supplies shall be disposed-off by THSTI at its own discretion and no claim shall be entertained thereof.
4. Tender shall be accompanied with Bid security declaration form as per 'Annexure-2'. Failure to provide this bid may not be considered for further process. The item to be supplied must be of genuine quality/make of authorized manufacturer.
5. Conditional offer will be liable for rejection.
6. Payment: 100% payment shall be made after successful supply, installation and commissioning (SITC) of the item at Institute site of Installation and upon receipt of PBG as per clause No.10.
7. The manufacturer should send true copy of registration of the company with a copy of license of products, GST details and in the case of authorized dealers recent Authorization Certificate of the manufacturer.
8. 5-years comprehensive warranty and support along with regular on-site preventive maintenance and Inspection Service (as and when required) at consignee location. Post completion of warranty period CMC charges should also be provided for next 05 years. OEM Warranty certificates must be submitted by successful bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods within 24 hrs in case of any break down during the guarantee period. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of unit price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).
9. Bidders shall quote the latest equipment in their bids which are not obsolete in the market and has at least 10 years' residual market life i.e. the offered product and their spare parts/ accessories/ consumables shall not be declared end-of-life by the OEM before this period. A declaration shall also be provided by the OEM along with this bid that in case of OEM, replace their authorized distributor due to any reasons, the OEM would ensure that technical support and services shall remain continue for the period as mentioned above.
10. Performance security equivalent to 03% of the order value, in the form of Bank Guarantee/FDR from any Nationalized Bank effective from date of Installation covering warranty of equipment plus 60 days is required to be submit immediately after successful/Satisfactory Installation. Since time is the essence of the contract, delivery of the Goods and performance of the services shall be made by the supplier in accordance with the

time schedule specified by the Purchaser in the Contract. If the Supplier fails to deliver any or all of the Goods or to perform services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as a penalty, a sum equivalent to 0.5% per week and the part thereof. The maximum deduction is 10% of the contract price.

11. Pre installation requirements: Supplier to inform in advance pre-installation requirement to the concern lab/department and perform installation, safety and operation checks before handover the equipment at no cost.
12. Supplier shall provide “**Fall clause certificate**” for price reasonability and produce last two PO copies received from any reputed organization/Govt Institution in support of price justification. Client list of previous installation with satisfactory performance reports duly verified by the users shall also be included along with the bid.
13. Purchase Preference to Local Suppliers: In pursuance of Government of India Order no. P-45021/2/2017-B.E.-II dated 15/06/2017 as amended by Order No.-P-45021/2/2017-B.E.-II dated 28/05/2018, P-45021/2/2017-B.E.-II dated 29/05/2019, P-45021/2/2017-B.E.-II dated 04/06/2020 and P-45021/2/2017-B.E.-II dated 16/09/2020, Eligible Supplier shall provide the certificate as per the notification on company letter head as per attached annexure 03 & 04.
14. Note: The bidders are requested to note that all future amendments/corrigendum will be published on THSTI / CPPP website and no separate advertisement will be released for the same. Bidders are therefore requested to regularly visit the cited websites for any such updates till the due date & time of this tender & thereafter too.
15. All rights are reserved with the Executive Director of THSTI who may accept or reject any or all the offers without assigning any reason thereof.

## Annexure-02

### **BID SECURITY DECLARATION**

*(To be submitted by bidder on Non-Judicial Stamp Paper of Rs.100/-only duly attested by Notary)*

We, (*Name of bidding firm with its address* \_\_\_\_\_) do hereby certify and declare that we are interested and genuinely participating in the Tender Enquiry No. \_\_\_\_\_ for (*tender description* \_\_\_\_\_) invited by the THSTI.

We further undertake that if we withdraw or modify the submitted bid during the period of Bid validity, or if we will be awarded the order / contract and If we fail to acknowledge the order / sign the contract, or to submit a performance security before the deadline defined in the Tender document, the order awarded / work contract issued shall be terminated at the discretion of Competent Authority, THSTI and our firm will be suspended / blacklisted for the period of 03 years from being eligible to submit Bids for tenders with the THSTI in future.

Date:

Name and Signature of Authorized  
Signatory of bidding firm along with stamp

**DECLARATION OF LOCAL CONTENT**  
(On company letter head)

To,  
The Executive Director,  
THSTI,  
Faridabad

**Subject: Declaration of Local Content**

Tender Reference No. ....

Name of Tender: .....

We hereby declare that items offered has \_\_\_\_\_% local content (DPIIT OM No. P-45021/2/2017-PP (BE-II) dated 16.09.2020) & (DPIIT OM No. P-45021/102/2019- BE-II-Part(1) (E-50310) dated 04.03.2021).  
Class of local Supplier Falls under:

Class-I.....

Class-II.....

1. “ Local Content” means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.
2. “\*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.”

Yours Faithfully

Name of the bidder, with official seal

**DECLARATION OF LOCAL CONTENT**  
(On company letter head)

To,  
The Executive Director,  
THSTI,  
Faridabad

**Subject: Declaration of Country of Origin**

Tender Reference No. ....

Name of Tender: .....

We hereby declare that items offered has \_\_\_\_\_% local content (DPIIT OM No. P-45021/2/2017-PP (BE-II) dated 16.09.2020) & (DPIIT OM No. P-45021/102/2019- BE-II-Part(1) (E-50310) dated 04.03.2021).  
Class of local Supplier Falls under:

Counter of Origin of Goods being offered ..... (OM No. 6/18/2019-PPD dated 23.07.2020)

1. "Local Content" means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.
2. "\*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law."

Yours Faithfully

Name of the bidder, with official seal



**Form of Performance Bank Guarantee/Bank Guarantee**

**(TO BE SUBMITTED FROM ANY INDIAN NATIONALIZED BANKS ONLY)**

BG No.:..... Date.....

<b>From</b> <b>The Name of the Bank</b>	<b>To</b> <b>Translational Health Science Technology Institute,</b> <b>Faridabad</b>
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In consideration of the Translational Health Science and Technology Institute, Faridabad (hereinafter called "The INSTITUTE") having offered to accept the terms and conditions of the proposed agreement between The Institute.....and..... (hereinafter called "the Contractor(s)" for the work..... (hereinafter called "the said agreement") having agreed to production of an irrevocable Bank guarantee for Rs..... (Rupees.....only) as a security/guarantee form the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We ..... (hereinafter referred to as the "Bank") hereby undertake to  
(Indicate the name of the Bank) Pay to the Institute an amount not exceeding Rs.....  
(Rupees..... only) on demand.
  
2. We...(indicate the name of the Bank) ..... Do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on a demand from the Institute stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs.....  
(Rupees.....only).
  
3. We, The said Bank, further undertake to pay to the Institute any money so demanded notwithstanding any disputes raised by the contractor(s) in any suit or proceeding pending before any Court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder, and the contractor(s) shall have no claim against us for making such payment.



**thsti**

ट्रांसलेशनल स्वास्थ्य विज्ञान  
एवं प्रौद्योगिकी संस्थान

TRANSLATIONAL HEALTH SCIENCE  
AND TECHNOLOGY INSTITUTE

4. We (indicate the name of the Bank) ..... further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement, and it shall continue to be enforceable till all the dues of the Institute under or by virtue of the said agreement have been fully paid, and its claims satisfied or discharged, as per the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s), and accordingly discharges this guarantee.
5. We.....(Name of the bank)..... further agree with the Institute that the Institute shall have the fullest liberty without our consent, and without effecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Institute against the said contractor(s), and to forbear or enforce any of the terms and conditions relating to the said agreement, and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the Institute or any indulgence by the Institute to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
7. We .....(Name of the bank)..... lastly under take not to revoke the Guarantee except with the previous consent of the Institute in writing. This bank Guarantee on the Bank or its successors or permitted assigns.
8. We.....(Indicate the name of the Bank)..... lastly undertake not to revoke this Guarantee except with (indicate the name of the Bank) the previous consent of the Institute extended on demand by the Institute. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs.....(Rupees.....only), and unless a claim/demand is made on the bank in writing on or before .....all your rights under the Guarantee will be forfeited and we shall be relieved and discharged from all liabilities thereunder.

Authorised Signatories of the Bank with name and Seal

Name of the Officer:

Designation:

Code if any:

Date:

Place