Transnational Health Science & Technology Institute
NCR Biotech Science Cluster, 3rd Mile stone, PO Box.04,
Faridabad-Gurugram Expressway
Faridabad-121001

Ref. No. THSTI/NOC/02/25-26/01 28th July 25

Subj: Notice for Inviting offers/Objections in respect of Procurement of Phadia 200 Qty-01reg:

THSTI is under process to purchase subject cited item from M/s Thermo Fisher Scientific through their authorized distributor in India Biolinkk on proprietary/Patent 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/02/25-26/01. The offer should be submitted in offline mode in **two bid system format*** in compliance with the terms and conditions as attached herewith. Distributors are also invited to submit their best offer for the required goods. The comments/objections may be e-mailed to **equipment_ purchase@thsti.res.in** or submitted by speed post/courier at the below mentioned address on or before **11th August 2025 upto 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.

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

VS RAO

Admin Officer (S&P)

*** The bid should be provided in two parts, one part in techno-commercial unpriced bid and the other part in the financial/price bid.**

Terms and Conditions: Attached

Annexure-1

Technical Specifications for PHADIA-200

1. The quoted model should be fully Automatic benchtop batch instrument to aid in the diagnosis of allergic and autoimmune diseases. It must provide fully quantitative results of Total IgE, specific IgE antibodies, specific IgG antibodies, and autoimmunity in human serum or plasma.
2. The system should rely on fluorescent enzyme immunoassay detection technology with an on-board LED touch display to control all functions of the unit.
3. The model should be able to perform specific IgE tests for over 400 allergens or more, Component Resolved Diagnostics (CRDs - such as rAsp f 1, rAsp f 2, rAsp f3, rAsp f 4, rAsp f 6), and autoimmune testing for at least 20 parameters or better.
4. The quoted model should have a single integrated unit for 50 or more different determinations in a 4-5 hours run.
5. The quoted model should be capable of running both autoimmunity and allergy tests on the same platform with measurement of allergen-specific IgE based on Fluorescence Enzyme Immunoassay (FEIA) technology
6. The system should auto-perform dispensing, washing, incubation, auto-dilution, and reading on the same instrument, and take care of evaporation control and external light elimination during incubation time.
7. The system should be CE, ISO, and US FDA approved or have any Indian-equivalence certification.
8. The quoted model should be calibrated as per WHO standards.
9. The quoted model should have data storage/calibrate curve cycle for at least 15 days or better
10. The system should accommodate a minimum of 40 or better standard sample tubes.
11. The quoted model should have on-board sample dilution facility & Onboard test carrier capacity of at least 50 positions.
12. The quoted model should have specificity and sensitivity of results in the range of 80-90% or better.
13. The system should be connectable to a mainframe, LIS connection with equipped power back-up for at least 15-20 minutes in case of power interruption through online.
14. The model should be quoted with 5yr. Warranty.

Justification of Phadia 200 Instrument:

The Phadia 200 is a compact, benchtop automated immunoassay system designed to perform high-quality in vitro testing for specific IgE (sIgE), total IgE, and other immunoglobulin classes associated with allergic and autoimmune diseases. This instrument is particularly significant for laboratories with limited space and personnel, as it combines accuracy, reliability, and ease of use with a minimal footprint.

One of the primary clinical utilities of the Phadia 200 is its role in the detection and quantification of IgE anti-drug antibodies (IgE-ADA) as our current proposal includes these type of ADA assay we will be requiring this instrument. These antibodies may develop in patients undergoing biologic or protein-based drug therapies and can trigger IgE-mediated hypersensitivity reactions such as anaphylaxis, urticaria, or asthma-like symptoms. Identifying these antibodies early is critical in preventing severe adverse drug reactions and tailoring patient-specific therapeutic strategies. The Phadia 200 system will allow us to monitor these immunogenic responses efficiently.

The system is based on ImmunoCAP technology, a gold standard in allergy testing known for its high sensitivity and specificity. It can measure over 600 different allergens, allergen components, and autoantibodies, making it an ideal tool for broad-spectrum testing. Its robust performance ensures that low concentrations of specific IgE antibodies can be accurately detected, which is vital when screening for hypersensitivity, including rare anti-drug IgE responses.

The automation in Phadia 200 significantly reduces manual errors and increases reproducibility of results. The system supports walk-away operation, processing up to 60 samples per run with minimal user intervention. This makes it especially useful in small to medium-sized clinical laboratories or research settings where resources and technical staff might be limited.

In the context of autoimmune disease diagnostics, the Phadi200 can also run tests for autoantibodies, such as those associated with immune-mediated conditions. Its dual role in allergy and autoimmunity testing makes it a valuable investment for immunology-focused labs.

In summary, the Phadia 200 instrument plays a critical role in the early diagnosis and monitoring of IgE-mediated hypersensitivity, particularly in patients at risk of anti-drug antibody responses. Its combination of precision, automation, compact design, and versatility makes it an indispensable tool in modern immunodiagnostic laboratories, enhancing patient safety and enabling targeted, personalized treatment plans.

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 and onsite 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 48 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.

11. Performance security: 03% of total order value of services in the form of bank guarantee drawn from a nationalized bank for a validity period of 62 months will be submitted by supplier.

12. 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 penalty, a sum equivalent to 0.5% per week and the part thereof. The maximum deduction is 10% of the contract price.

13. 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.

14. 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.

15. Purchase Preference to Local Suppliers: In pursuance of Government of India Order no. P45021/2/2017-B.E.-II dated 15/06/2017 as amended by Order No.-P-45021/2/2017-B.E. II dated28/05/2018, 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.

16. 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.

ट्रांसलेशनल स्वास्थ्य विज्ञान
एवं प्रौद्योगिकी संस्थान
TRANSLATIONAL HEALTH SCIENCE
AND TECHNOLOGY INSTITUTE

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

ANNEXURE -03

FORMAT FOR SELF CERTIFICATION UNDER PREFERENCE TO "MAKE IN INDIA "POLICY

CERTIFICATE (On Company* letter head)

Tender Reference No. ……..

Name of Tender: ……..

In compliance to the Public Procurement (Preference to Make in India) Order 2017- Revision vide no. 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) dated04.03.2021) & subsequent order via OM No P-45021/2/2017- BE-II-Part (4) Vol.II dated 19.07.24 We hereby declare that items offered has _____% local content.

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

Details of the location at which local value addition will be made AND itemized detail of the product (with amount) should be provided by the seller.

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)