

# IIIT-H DATA IHUB FOUNDATION

International Institute of Information Technology

Hyderabad

Notice Inviting Tender (NIT) under Two-Cover Bid System

for CRO (Contract Research Organization) Service of

Measurement of binding affinity of 100 protein-ligand complexes

Tender No.: IHub-Data/Purchase/2023-24/25; Date: 26 Dec 2023

Sealed quote should reach the address below on or before 13 Jan 2024 by 3pm.

Academic Head

IIIT-H DATA IHUB FOUNDATION

Purchase Committee IIIT

Hyderabad

Professor CR Rao Rd, Gachibowli, Hyderabad,

Telangana 500032, India.

## INTRODUCTION

The IIIT-H (International Institute of Information Technology Hyderabad) DATA IHUB FOUNDATION (IHub-Data, henceforth referred to as the Purchaser), is planning to purchase a **Contract Research Organization (CRO) Service** on synthesizing about 100 kinase-small molecule assays for research activities. Bids are invited from bidders in a two-cover format, as per the specifications in Annexure-I.

## **1. BIDDER'S ELIGIBILITY CRITERIA**

1.1) The Bidder should be an authorized CRO. The bidder should submit documentary proof in support of the same.

1.2) The Bidder should have a record of accomplishment of previous paid CRO services, within and outside the country, in research and technical field, in both industry and academia. Purchase order copies of previous installations are required along with customer contact details.

1.3) In the technical bid, the bidder should clearly demarcate the responsibilities between the CRO and the bidder. Complete details must be submitted in the technical bid.

1.4) The bidder should, on the letterhead of their respective company, should clearly state that they are not pursuing similar activities, and they should not share the results obtained from this CRO service with any other organization. The bidder must provide an undertaking on the official letterhead of the company that it has not been blacklisted by any department or undertaking of the Central or State Government department/Public Sector Undertakings (PSU)/Public Sector Enterprises (PSE)/ Banks in India.

1.5) The bidder should be able to demonstrate their competence and capability, as a team, to deliver all the services expected during the period.

## **2. SUBMISSION OF BID**

2.1) The offer should be in the two-bid system in a two-cover format – i.e., “Technical bid” and “Commercial bid”. Deadline for submission is 3pm on 13<sup>th</sup> January 2024.

2.2) Technical bid must contain only the technical details. This part must not include the price offered by the bidder. The price must be mentioned only in the commercial bid part.

2.3) Late or delayed tenders shall be summarily rejected.

2.4) The Bidder(s) must submit their PAN issued by Income Tax authorities, TIN, and a copy of the PAN / TIN with the bid.

2.5) Bid document(s) and all enclosures must contain the name and address of the bidder, as well as the signature and seal of the authorized representative of the bidder.

2.6) The Bank/RTGS details on the letterhead of the bidder(s) must be submitted along with the tenders (technical bid). A copy of the cancelled cheque should also be attached.

## **3. TECHNICAL BID**

The technical bid should contain the following:

3.1) Overall compliance statement indicating adherence to each clause in the terms and conditions, as per Annexure-II.

3.2) Detailed technical description of the products and datasheets for the specific configuration options quoted.

3.3) A letter from the CRO authorizing the bidder to bid for this tender.

#### **4. COMMERCIAL BID**

4.1) The commercial bid should contain details of the prices (including the total amount and its corresponding categorical divisions), clearly mentioning the rate and the quantity. The price quoted should be inclusive of all taxes, and other relevant charges at DATA IHUB FOUNDATION (IHub-Data), IIIT-Hyderabad.

4.2) The price must be offered only in the prescribed priced bid format for all the line items (Annexure III).

4.3) Price should include all discounts applicable to research and quoted in INR.

#### **5. DELIVERY OF RESULTS**

The results of the study should be delivered within eight weeks after receiving firm PO from IIIT-H DATA IHUB FOUNDATION.

#### **6. CRO SUPPORT CONTRACT**

6.1) The bidder/CRO shall be fully responsible for the data they have provided to IIIT.

6.2) The experiment must be reproducible, and a detailed report must be provided along with the results.

6.3) Post the experimentation and the data generated, the CRO should provide valid documentation and technical data in explaining the data obtained.

6.4) The CRO is obliged to answer any queries raised on the studies/results for 6 months from the date of delivery of the results.

6.5) Performance security guarantee through any nationalized bank in India for 10% of the total purchase order amount shall be given by the selected bidder to the Purchaser (DD favoring "IIIT-H DATA I-HUB FOUNDATION".) The format of the performance security guarantee will be given by the purchaser at the time of issuing the purchase order.

6.6) The bidder shall clearly specify the conditions over which the service obligations will be void. Detailed documents regarding warranty conditions and applicability should be submitted along with the bid with a declaration of accepting the warranty conditions of the purchaser.

#### **7. GUIDELINES**

7.1) Regarding any clarification on technical aspects or any other issue, a pre-bid meeting will be held on a date and time will be communicated through email, if any, may only be submitted to the email ID [purchases@ihub-data.iiit.ac.in](mailto:purchases@ihub-data.iiit.ac.in) (with a copy to [indhu.m@ihub-data.iiit.ac.in](mailto:indhu.m@ihub-data.iiit.ac.in)) before the pre bid meeting. No queries will be entertained after the pre-bid meeting.

The changes in the tender, if any, made after pre-bid meeting, would be published on the IIIT-H DATA IHUB FOUNDATION website <https://ihub-data.iiit.ac.in/>.

7.2) Delayed and/or incomplete tenders are liable to be rejected.

7.3) The technical bid should not contain any price information. Non-conformance will result in disqualification.

7.4) All pages of the technical bid should be duly signed by the bidder.

7.5) The bidders are requested to go through the terms and conditions detailed in this document, before filling out the tender. Agreeing to the terms and conditions of the tender document (by signing all pages of the copy of the tender document) is a mandatory requirement.

7.6) Award criteria: the two-cover system will be followed; the technical and commercial bids will be opened:

- (i) Commercial bids of technically qualified bids alone will be taken up for further processing. Decision of IIIT-H DATA IHUB FOUNDATION will be final and binding.
- (ii) IIIT-H DATA IHUB FOUNDATION will award the contract to the bidder whose technical bid has been determined by the Purchase Committee to meet technical evaluation criteria, and who has offered the lowest evaluated bid price.

7.7) IIIT-H DATA IHUB FOUNDATION reserves the right to accept or reject any bid, and to cancel the tender process and reject all bids, at any time prior to the award of contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for the IIIT-H DATA IHUB FOUNDATION action.

7.8) The Director/Academic Head, IHub-Data, IIIT Hyderabad reserves the right to modify the technical specifications or the required quantity at any time.

7.9) Any disputes will be under the jurisdiction of Hyderabad.

7.10) The bid must be addressed to “The Academic Head, IIIT-H DATA IHUB FOUNDATION, IIIT Hyderabad Purchase Committee” and the hard copy should be submitted via post or in person to – “IIIT-H DATA IHUB FOUNDATION Purchase Committee, IIIT Hyderabad Professor CR Rao Rd, Gachibowli, Hyderabad, Telangana 500032”. In addition, soft copy should be emailed to [purchases@ihub-data.iiit.ac.in](mailto:purchases@ihub-data.iiit.ac.in) (copy to [indhu.m@ihub-data.iiit.ac.in](mailto:indhu.m@ihub-data.iiit.ac.in))

7.11) Contact: any queries or requests for clarification must be directed (through email only) to [purchases@ihub-data.iiit.ac.in](mailto:purchases@ihub-data.iiit.ac.in) (copy to [indhu.m@ihub-data.iiit.ac.in](mailto:indhu.m@ihub-data.iiit.ac.in)).

## **8. COMMERCIAL TERMS AND CONDITIONS**

8.1) The commercial bid should contain, among other things, payment terms and commissioning charges. These charges will be paid only after successful supply.

8.4) Price should be quoted per unit and the total amount for the required quantity.

8.5) The offer should be valid for 60 days (about 2 months) from the date of submission.

8.6) EMD of 2.5% of total value should be submitted in a separate cover along with the technical and commercials bids (total 3 covers to be submitted).

8.7) EMD of unsuccessful bidders will be returned after tending.

## **9. PAYMENT TERMS**

9.1) Payment terms 75 % after delivery and balance 25% on Installation / acceptance / submission of bank guarantee and warranty certificate.

9.2) The performance security guarantee deposit will be returned after successful completion of one year after installation.

## **Annexure 1**

### **Technical Specifications**

1. The biochemical or biophysical assays that are already up-and-running or can be straightforwardly established for measuring inhibitory activity against the following kinases:
  - CDK2
  - MAPK14
  - MET
  - BRAF
  - MAPK1
  - BTK
  - ALK
  - TTK
  - CHK1
  - EGFR
  - PIM1
2. About 100 small-molecule inhibitors will be tested in the kinase assays (100 inhibitor-kinase pairs). The studies will be carried out at multiple concentrations (at least 9 doses) to record dose-response curves for each inhibitor and determine the corresponding inhibitory characteristics ( $K_i$ ,  $K_d$ ,  $IC_{50}$ , or  $EC_{50}$ ).
3. The information of small molecules (with corresponding MOLPORT IDs) is provided in the corresponding online excel file  
([https://iitaphyd-my.sharepoint.com/:x/r/personal/prathit\\_chatterjee\\_ihub-data\\_iit\\_ac\\_in/layouts/15/doc.aspx?sourcedoc=%7B5618c302-2792-4363-993b-8ce39e175d06%7D&action=edit](https://iitaphyd-my.sharepoint.com/:x/r/personal/prathit_chatterjee_ihub-data_iit_ac_in/layouts/15/doc.aspx?sourcedoc=%7B5618c302-2792-4363-993b-8ce39e175d06%7D&action=edit)).
4. The validation of the available experimental parameters will be subject to the robustness of the data provided, primarily the measurement points consistency and  $K_m/IC_{50}$  (and/or similar parameters) titration curve accuracy. Proper titration curves should be provided in support of the parameters, for the already existing kinase assays or the assays developed (examples: <https://journals.sagepub.com/doi/epub/10.1177/1087057113506051>, [https://application.wiley-vch.de/books/sample/3527317902\\_c01.pdf](https://application.wiley-vch.de/books/sample/3527317902_c01.pdf)).
5. In validation, measuring  $K_d$  values with SPR would be desirable. Else, competitive biochemical assays (radiometric, TR-FRET, Lantha) can be considered if the SPR is unavailable.
6. Using the same technology for validation of all classes of kinases is required for avoiding method related discrepancies.
7. The different validation data is needed (as mentioned in Clause 2): for SPR – binding curves,  $K_d$ ,  $k_{on}$ ,  $k_{off}$  for a tool compound; for competitive biochemical assay – kinetic curves and,  $K_m$  values as well as inhibition curves and,  $K_i$  (or  $IC_{50}$ ) values for a tool compound.
8. The purity of the small molecules to be procured (preferably from MOLPORT) should be  $\geq 95\%$ .

**ANNEXURE -II: TECHNICAL BID COMPLIANCE CHECKLIST**

Sl.No	Criterion	Yes/No
1	Letter from CRO stating that it is authorized to perform the experiments and provide authentic results	
2	Declaration that the bidder is not blacklisted by any Govt entities in India	
3	Detailed technical specifications and datasheets for all line items	
4	Terms of service (including service of support post the delivery of results) clearly stated	

**ANNEXURE -III: Price Bid Form**

Sl.No	Product ID	Description	Qty	Unit Price (INR)	Taxes (%age___)	Total Price (INR) incl. taxes

**All the vendors should quote using the above format only else will be disqualified.**

**Please Share the Bids as per the below details.**

To,  
Academic Head,  
IIIT-H DATA I-HUB FOUNDATION,  
IIIT-H Campus Block A, A1-101, Ground Floor, Opp CMC Ltd, Gachibowli, Hyderabad-500032.  
GST.NO-36AAFCI7519A1ZS.

**(Bids are not accepted, if any changes are made from the above given details)**