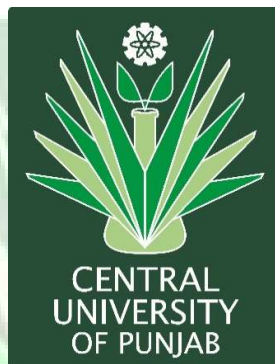


# CENTRAL UNIVERSITY OF PUNJAB

Established vide Act No. 25 (2009) of Parliament

Tender No.: P-15(2024-25)



## **e-Tender Notice for Procurement of Transcriptome Sequencing Services for Total RNA Sequencing (Mrna and IncRNA) and bioinformatics Analysis**

(Two Bid System)

Release Date : 14.01.2025

Last Date : 04.02.2025; 12:00PM

V.P.O. Ghudda, District-Bathinda- 151401

E-mail: [procurement@cup.edu.in](mailto:procurement@cup.edu.in)

## Central University of Punjab, Bathinda

Central University of Punjab (CUPB) invites e-tender from Original Equipment Manufacturers (OEM) /Authorized Dealers for procurement of **Procurement of Transcriptome Sequencing Services for Total RNA Sequencing (Mrna and IncRNA) and bioinformatics Analysis**

<b>Tender Notice Number</b>	:	P-15(2024-25)
<b>Release Date of the Tender</b>	:	14.01.2025
<b>Last date for the submission of Tender</b>	:	<b>04.02.2025; 12:00PM</b>
<b>Opening date of Tender</b>	:	<b>05.02.2025; 12:00PM</b> (In case tender opening day declared holiday for any reason the tender will be opened on next working day at same time.)
<b>Name and Address of the University</b>	:	Registrar, Central University of Punjab, V.P.O. Ghudda, District, Bathinda – 151401, Punjab, India.
<b>E-Mail Address</b>	:	<a href="mailto:procurement@cup.edu.in">procurement@cup.edu.in</a> , <a href="mailto:registrar@cup.ac.in">registrar@cup.ac.in</a>

S. No.	Name of Services	Tender Fee (Non-Refundable)	Earnest Money Deposit (EMD)
1	<b><u>Procurement of Transcriptome Sequencing Services for Total RNA Sequencing (Mrna and IncRNA) and bioinformatics Analysis</u></b> (Detailed specification at Annexure - 'B')	NIL	Rs. 6000/- <b>Through Online Mode</b>

**Note:**

The bidders registered with NSIC/MSME are exempted from EMD against submission of valid NSIC/MSME registration certificate

**EMD Exemption:** The bidder EMD exemption, must submit the valid supporting document for the relevant category. Under MSE category, only manufacturers for goods and service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

## GUIDELINES FOR PREPARATION AND SUBMISSION OF TENDER

### 1. Procedure for preparation of tender:-

- a) Prepare the tender document in order of the checklist attached at Annexure-(i). The checklist should be on top of the technical bid. All other annexures must follow in the same order within each envelop as specified in checklist. If the tender is not as per format, the same may be rejected without any further communication.
- b) The tender fee and EMD/Bid Security (if applicable and mentioned specifically) shall be deposited through NEFT/RTGS or other online transfer modes to designated bank account of the ‘Central University of Punjab, Bathinda’.

- |    |              |   |                                |
|----|--------------|---|--------------------------------|
| a) | Account Name | : | CUPB Nodal Officer E Tendering |
| b) | Name of Bank | : | Canara Bank                    |
| c) | Account No.  | : | 2089101018661                  |
| d) | IFSC Code    | : | CNRB0002089                    |

2. **Procedure for Submission of tender: Bids shall be submitted online only at <https://eprocure.gov.in/eprocure/app> University may request hard copy of supporting documents, if needed. University reserves the right to reject the bid if requested documents are not submitted.**

#### Online tender submission:

- a) Online bid should be submitted at CPPP website: <https://eprocure.gov.in/eprocure/app>
- b) **The bidding process is online i.e. EMD, Technical Bid and Financial bid (3 envelope system) must be submitted online.** Bidders should be in possession of valid Digital Signature Certificate (DSC) of class III for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above.

### 3. Who can Bid-

- a) Either the authorised agent on behalf of the Principal/OEM or Principal/OEM itself can bid.
- b) If an agent submits bid on behalf of a Principal/OEM along with the Authorization Certificate *with specifically mentioned validity of authorization* for this specific tender from the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item (s)/product (s). All bids other than those from the Principal/OEM should be supported by an authority letter from Principal/OEM authorizing the supplier to tender on their behalf. In case of Principal/OEM, a certificate or a self-certified copy thereof to the effect that the bidder is manufacturer of the equipment must be accompanied with the technical bid.

## GENERAL TERMS AND CONDITIONS

1. Technical compliance sheet for each item/instrument should be strictly as per tender format and signed & stamped on each page and not just cut /copy paste and should provide brochure mentioning item(s) with detailed information.
2. The tenders received without earnest money (if applicable) or misleading information or tender not submitted as per guidelines will be outrightly rejected.
3. If the supplier/firm is manufacturer/authorized dealer/sole distributor of any item, the certificate to this effect should be attached along with other documents.
4. Apart from all these terms and conditions, specific terms as specified for each instrument must also be complied with.
5. The tenders qualifying in technical evaluation will only be considered for financial evaluations. The price bid of others (who are not successful in technical evaluation) will not be considered. Financial bids of only technically acceptable offers shall be opened for further evaluation and ranking for the purpose of awarding the contract.
6. Bidders are advised to visit this website regularly to keep themselves updated, for any changes/modifications in the Tender Enquiry Document.
7. **Right to reject:** The CUPB reserves right to accept/reject any or all the Tenders at any time without assigning any reason.
8. **Delivery Schedule:** Services/results/reports to be provided within 8 weeks from the date of initial QC report submission.
9. **Civil Suit Jurisdiction:** All legal proceedings in connection with this Supply/Purchase order/Contract shall be subject to the territorial jurisdiction of the local Civil Courts, as per Indian Laws, at Bathinda only.
10. **Cancellation :** The University reserves the right to cancel the Supply/purchase order as a whole or in part at any time or in the event of default on the part of the Supplier prior to the receipt of information regarding taking in hand of the manufacture of material against the Supply/Purchase order/dispatch of material to the consignee.

**Place:**

**Signature of Authorized Person**

**Date:**

**Designation**

**Seal**

## FINANCIAL TERMS AND CONDITIONS

1. **Prices:** Quoted prices of Services/equipment should be firm, inclusive of insurance, loading/unloading charges and FOR Central University of Punjab (CUPB), V.P.O. Ghudda, District Bathinda.
2. **Acceptance of Terms & Conditions:** Bidders must confirm the acceptance of all the terms and conditions of this tender. Non-acceptance or deviations from the terms and conditions must be clearly mentioned. However, tenderers must note carefully that any conditional offer or any deviation from the terms and conditions of this tender enquiry may render the bids liable for rejection.
3. MSE Purchase Preference as per “**Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012**” shall be applicable.
4. **Payment:** 100% payment will be made through RTGS/by cheque after receipt of material(s)/reports/results and satisfactory report of the inspection committee/committee of experts.
5. **Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
  - a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.
  - b. Execution certificate by client with contract value.
  - c. Any other document in support of contract execution like Third Party Inspection release note, etc
6. **Penalty for non/late delivery of material:** If the Supplier fails to deliver the material/equipment/results/reports within the specified delivery period of the Purchase order, the same is liable to be rejected and if accepted the supplier shall be liable to pay penalty @0.5 per cent (half of one percent) per week (or part thereof) of the cost of undelivered supply/incomplete equipment, not exceeding maximum limit of 10 per cent of the cost of complete unit of undelivered material/equipment so delayed.
7. **Extension in delivery period:** Any genuine delay in approval of technical details drawings, samples, issuance of amendments of the purchase order, conducting inspection and approval of inspection, Test Report/Test Certificate for allowing dispatches etc., will count towards extension of the delivery by the corresponding period other than admissible under Force Majeure conditions, if any substantiated by the supplier and duly accepted by the purchaser.
8. **Arbitration:**
  - a. If, at any time, any question dispute or difference of whatsoever nature arise between the purchaser/University and the bidder/contractor/supplier, upon or in relation to or in connection with purchase order/contract, either party may forthwith give to the other notice in writing of the existence of such question dispute or difference and the same shall be referred to sole arbitration of a nominee of the purchaser/University, who shall give a reasoned/speaking awards. The award of the sole arbitrator shall be final and binding on the parties under the provisions of the Indian Arbitration Act-1996(Amended up to date) and of the rules, there under. Any statutory amendment, modification or re-enactment thereof for the time being in force, shall be deemed to apply and be incorporated in the contract/purchase order. The sole Arbitrator shall be any officer of the

University whose name is approved by the Vice Chancellor. It will not be objectionable if the Sole arbitrator is an officer of the university and he has expressed his views on all or any of the matter in question of dispute or difference.

- b. Upon every or any such reference, the cost of and incidental to the reference and award respectively shall be in the discretion of the sole arbitrator so appointed who may determine the amount there of or direct the same to be fixed as between the solicitor and client or as between party and shall direct by whom & to whom and in what manner the same is to be borne and paid.
- c. The work under the contract shall, if reasonable possible continue/during the arbitration n proceedings and no payment due or payable by the purchaser/university shall be withheld on account of such proceedings.

9. **Parts of Equipment:** Where the equipment is composed of several separately marketable subunits/components/assemblies, the rate should be quoted for each subunit/ component. The University reserves the right to increase or decrease the number of subunits/ components and number of equipment according to its requirements. The rates in ambiguous terms will render the bids liable to rejection. The words “Not quoting” should be clearly written against any item of equipment for which the tenderer is not quoting.

10. **Validity:** Tenders should be valid for 6 months from the last/due date of tender submission.

11. **Indigenous items:** The items which can/are to be provided indigenously may be listed separately. Such items, along with those imported items which are supplied by authorised Indian agent of overseas Principal/OEM, should be quoted in INR only.

12. **Country of Origin:** Country of origin of the quoted item should be mentioned in the offer in case of Import item(s).

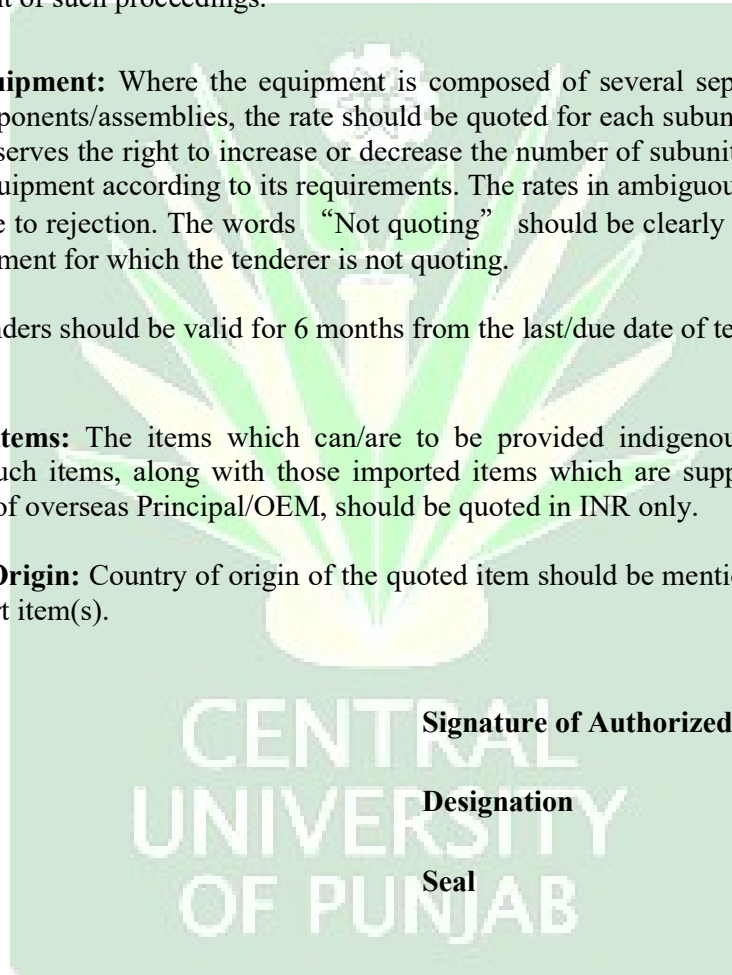
**Place:**

**Signature of Authorized Person**

**Date:**

**Designation**

**Seal**



## CHECK LIST

## Document for Tender Fee/EMD - Envelope 1

Sr. No.	Checklist	Yes/No
1	Tender Fee (If applicable),	NA
2	EMD (NSIC/MSME Certificate attached, if exempted/ Bid security declaration).	

## Documents for Technical Bid -Envelope 2

Sr. No.	Checklist on top of the technical bid	Yes/No
1.	Application Form <span style="float: right;">Annexure A</span>	
2.	Technical Specification <span style="float: right;">Annexure B</span>	
3.	Technical Specification Compliance Sheet <span style="float: right;">Annexure C</span>	
4.	Non Blacklisting of supplier <span style="float: right;">Annexure D</span>	
5.	Proforma For User List <span style="float: right;">Annexure E</span>	
6.	Declaration of Supplier <span style="float: right;">Annexure F</span>	
7.	Rate Reasonability Certificate <span style="float: right;">Annexure-G</span>	
8.	Past Project Experience at least one of the last three Financial years to be submitted along with the bid in support of quantity supplied in the relevant Financial Year.	
9.	Authorization Certificate <i>with specifically mentioned validity of authorization for this specific tender from the Principal/OEM</i>	
10.	Photocopy of PAN, GST and TAN card.	
11.	Copy of income tax return for last 2 years	
12.	The printed literature and catalogue/brochure giving full technical details should be provided/ included with the technical bid to verify the specifications quoted in the tender.	
13	<b>Service Manual/Circuit Diagram:</b> It is specifically required that the bidders will supply all the operating & service manuals and circuit diagrams along-with the equipment.	
14	Tenders must accompany a copy of the <b><i>“Financial Terms and Conditions”</i></b> section of this document, signed and stamped on each page indicating that they agree to these and mention that in future they will not take any action against these terms and conditions.	

## Documents for Financial Bid

1	Format of BOQ (Bill of Quantity) available on CPPP. This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only. Quoted prices of equipment (either imported or indigenous, as the case may be) should be firm, inclusive of insurance, loading/unloading charges and FOR Central University of Punjab (CUPB), V.P.O. Ghudda, District Bathinda.) -Prices: Quoted prices of equipment (either imported or indigenous, as the case may be) should be firm, inclusive of insurance, loading/unloading charges and FOR Central University of Punjab (CUPB), V.P.O. Ghudda, District Bathinda.	<b>Only online on CPPP.</b>
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Place:

Signature of Authorized Person

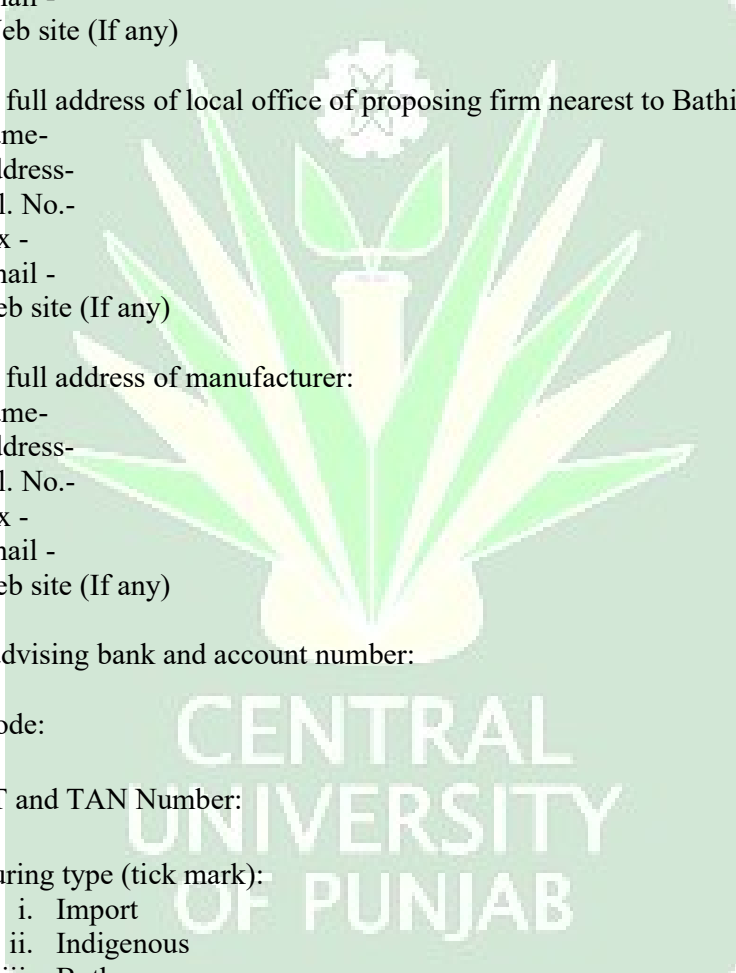
Date:

Designation

Seal

## APPLICATION FORM

To be Filled Completely and Signed (**should be on letterhead of bidder**)

1. Contact details of the head office of proposing firm:
    - a. Name-
    - b. Address-
    - c. Tel. No.-
    - d. Fax -
    - e. Email -
    - f. Web site (If any)
  2. Name and full address of local office of proposing firm nearest to Bathinda:
    - a. Name-
    - b. Address-
    - c. Tel. No.-
    - d. Fax -
    - e. Email -
    - f. Web site (If any)
  3. Name and full address of manufacturer:
    - a. Name-
    - b. Address-
    - c. Tel. No.-
    - d. Fax -
    - e. Email -
    - f. Web site (If any)
  4. Name of advising bank and account number:
  5. SWIFT Code:
  6. PAN, GST and TAN Number:
  7. Manufacturing type (tick mark):
    - i. Import
    - ii. Indigenous
    - iii. Both
  8. Country(s) of origin:
  9. Any other relevant information:
- 



## Annexure-‘B’

**TECHNICAL SPECIFICATIONS OF THE EQUIPMENT / ITEM(S) / MACHINE/ SERVICES**

Name of the Equipment / Item(s)/Services : **Procurement of Transcriptome Sequencing Services for Total RNA Sequencing (Mrna and lncRNA) and bioinformatics Analysis**

Name of the Manufacturer \_\_\_\_\_

County of Origin \_\_\_\_\_

**SPECIFICATIONS**

क्रमांक Sr. No.	तकनीकीविनिर्देश Technical specifications	मात्रा Qty.
1.	<p><b>Specification for Total RNA Sequencing (mRNA and lncRNA) and Bioinformatics Analysis</b></p> <p><b>Transcriptome Sequencing</b></p> <ol style="list-style-type: none"> <li>The bidder must demonstrate a track record of successfully supplying transcriptome sequencing data from clinical samples in previous projects. Please provide a list of publications and completed projects that utilized vendor-supplied sequencing data along with your bid.</li> <li>The firm/company must hold accreditation from the College of American Pathologists (CAP) for handling and supplying NGS clinical sequencing data from clinical samples. (Strict Requirement)</li> <li>The vendor should possess an in-house sequencing facility in India and be certified by Illumina (Illumina installation certificate). Certification from other relevant sequencing technology companies will be considered advantageous.</li> <li>All procedures necessary for supplying the sequencing data, including RNA extraction, RNA quality assessment, library preparation, cluster amplification, NGS sequencing, raw data quality control, and bioinformatic analysis, must be conducted in-house by the vendor.</li> <li>The quotation should include a detailed process and methodology for transcriptome sequencing, including information about the specific kits to be used throughout the project.</li> </ol> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>Sample Type: Human blood cells in RNA stabilizing solution.</li> <li>Technology to be used: Illumina Platform (NovaSeq 6000).</li> <li>Number of samples: 10</li> <li>Shipment of the samples to be carried out by the sequencing firm from CUP Bathinda.</li> <li>Total RNA isolation</li> <li>Quality control of RNA samples by Qubit Fluorometer and capillary Gel Electrophoresis.</li> <li>Library preparation kit: NEBNext Ultra II Directional RNA Library Prep Kit for Illumina.</li> </ol>	10 Samples

	<p>8. Next Generation Sequencing: Illumina Platform (NovaSeq 6000) with 150x2 Chemistry.</p> <p>9. Coverage: A minimum of 80 million reads per sample, generating 18 GB data per sample.</p> <p>10. Library QC to be carried out using Qubit and Tape station profiling.</p> <p>11. Deliver cleaned data, with a proportion of raw data to cleaned data of 90% or higher.</p> <p>12. Ensure that &gt;85% of the data has a Phred score &gt;Q30.</p> <p><b>Sample &amp; Bioinformatics Analyses:</b></p> <ol style="list-style-type: none"> <li>1. RNA quality report: Include RNA quantification results from a Qubit fluorimeter and Capillary Gel electrophoresis graphs.</li> <li>2. Library QC: Provide a QC report from Agilent Tape Station profiles.</li> <li>3. Bioinformatics analysis along with online training should be provided by the sequencing firm.</li> <li>4. Detailed bio-informatics analysis and differential gene expression data to be provided. <ol style="list-style-type: none"> <li>a) High quality clean reads</li> <li>b) Mapping of transcriptome data on reference genome</li> <li>c) Differential mRNA and lncRNA expression analysis (Please provide control and treated sample information)</li> <li>d) Significantly Up and downregulated genes</li> <li>e) Volcano plot and heatmap for differentially expressed genes</li> <li>f) Functional annotation of expressed genes in samples</li> <li>g) Pathway analysis using KEGG</li> </ol> </li> </ol> <p>Comprehensive compiled report and data</p>	
	<b>वारंटी /Warranty</b>	N.A.
	<b>वार्षिकरखरखावअनुबंध / AMC</b>	
	<b>व्यापकरखरखावअनुबंध / CMC</b>	

**Terms and Conditions-**

1. **Delivery period:** 8 weeks from the date of initial QC report submission.
2. **Validity:** Tenders should be valid for 6 months from the last/due date of tender submission.
3. **Prices:** Quoted prices of equipment/Services (either imported or indigenous, as the case may be) should be firm, inclusive of insurance, loading/unloading charges and FOR Central University of Punjab (CUPB), V.P.O. Ghudda, District Bathinda.

**Place:****Signature of Authorized Person****Date:****Designation****Seal**

**TECHNICAL SPECIFICATION COMPLIANCE SHEET**

**(No cut / copy paste, provide with supporting document)**

S. No.	Specifications as per tender (point wise)	Compliance of the quoted model	Compliance of alternate model, if any	Remarks (Deviations)

Signature and seal of the Manufacturer/Bidder firm

Date: \_\_\_\_\_

Place: \_\_\_\_\_

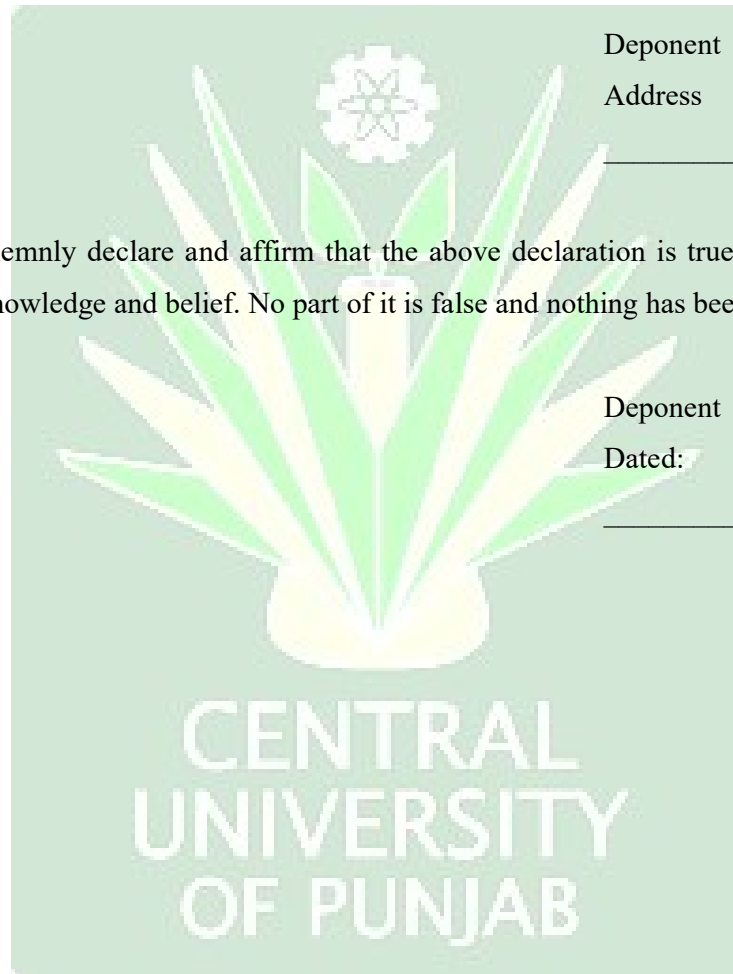
Note: Where there is no deviation, the statement should be returned duly signed with an endorsement indicating “No Deviations”

(Furnishing of wrong statement may lead to debar from the future purchases of CENTRAL UNIVERSITY OF PUNJAB, V.P.O Ghudda, District Bathinda.)

**Annexure-‘D’**

**FORMAT FOR NON-BLACKLISTING OF SUPPLIER**

I/ We \_\_\_\_\_Manufacturer/Authorized Distributor/Agent (strike out which is not applicable) of (Supplier) \_\_\_\_\_ do hereby declare and solemnly affirm that our firm/company is never black-listed by the Union/State Government/Autonomous body.



Deponent  
Address \_\_\_\_\_

I/ We hereby solemnly declare and affirm that the above declaration is true and correct to the best of my/our knowledge and belief. No part of it is false and nothing has been concealed.

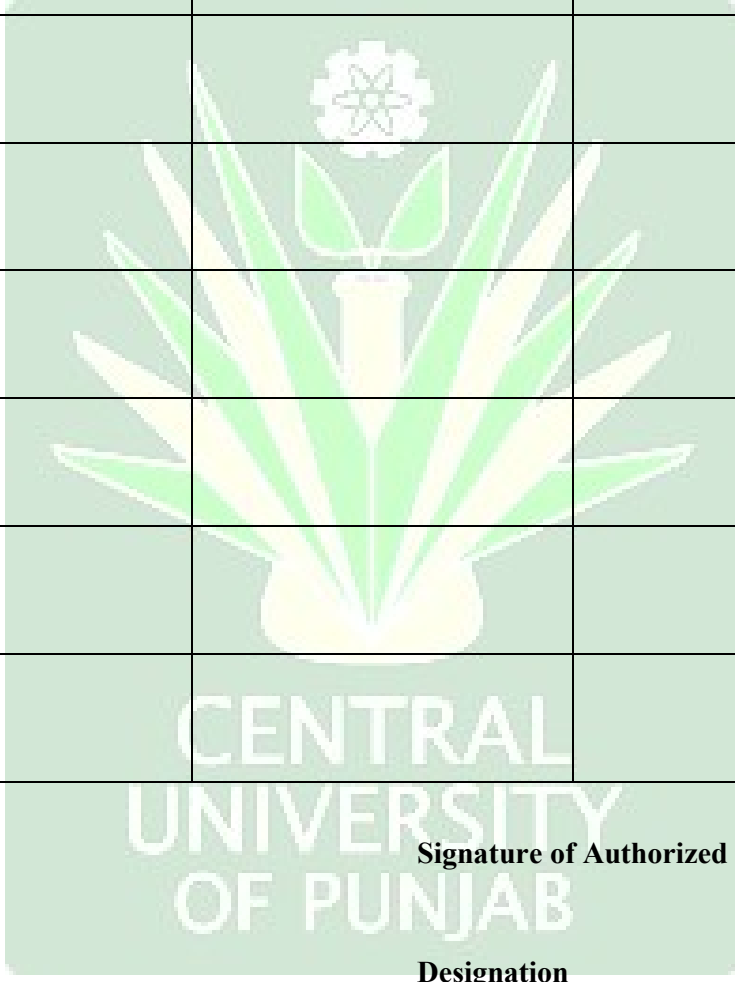
Deponent  
Dated: \_\_\_\_\_

**CENTRAL  
UNIVERSITY  
OF PUNJAB**

**Annexure-‘E’**

**PROFORMA FOR USER LIST**

<b>Sl. No.</b>	<b>Name &amp; full address of purchaser</b>	<b>Purchase Order No. &amp; Date</b>	<b>Year of Purchasing</b>	<b>No. of Units (Qty.)</b>	<b>Model No. with Date of Installation</b>	<b>Contact person with cell, phone and email id</b>



**Place:**

**Signature of Authorized Person**

**Date:**

**Designation**

**Seal**

**Annexure-‘F’**

**DECLARATION BY SUPPLIER**

“It is certified that I/we have carefully read and understood the entire general, special as well as specific terms and conditions of these documents and agree to abide by all of these. All the information and commitments provided with the bids are truthful and binding on the firm.”

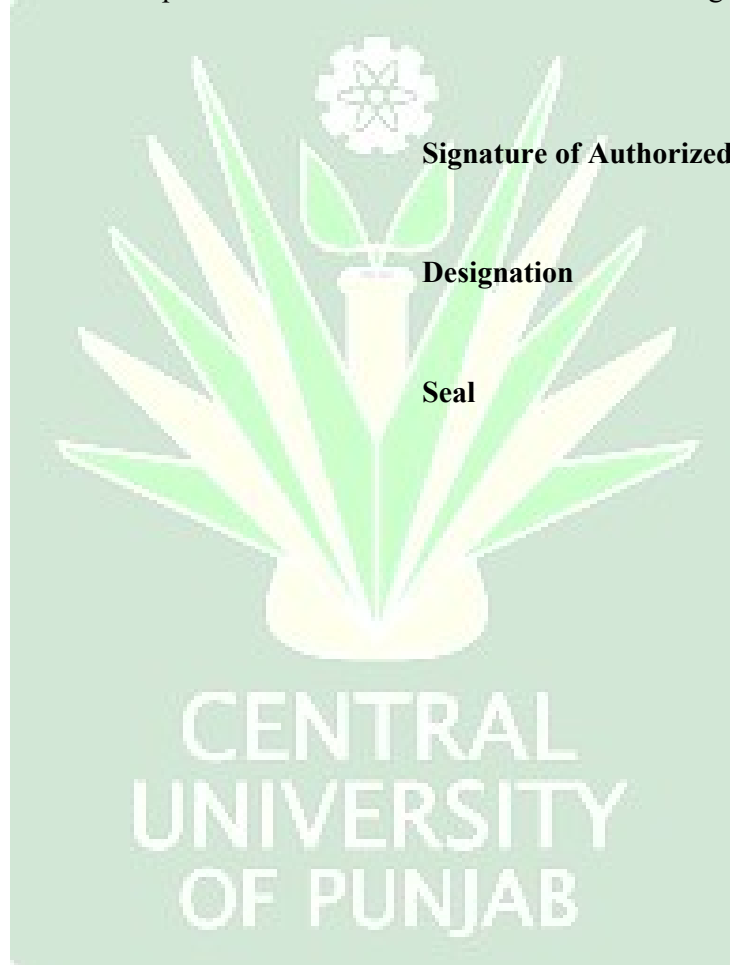
**Place:**

**Signature of Authorized Person**

**Date:**

**Designation**

**Seal**



**Annexure-G**

**RATE REASONABILITY CERTIFICATE**

Certified that “Rates quoted by us vide Tender No. - **P-15(2024-25)** Dated \_\_\_\_\_ are same and not higher than those quoted with other Govt./Semi-Govt./Private/ Autonomous/Similar Institutions.”

**Place:**

**Signature of Authorized Person**

**Date:**

**Designation**

**Seal**

