



# **SAVITRIBAI PHULE PUNE** **UNIVERSITY**

(FORMERLY UNIVERSITY OF PUNE)

**B2**

## **e-BIDDER DOCUMENT**

NAME OF THE WORK: - SUPPLY, INSTALLATION, TESTING, COMMISSIONING and TRAINING of TABLE-TOP X-RAY DIFFRACTOMETER (XRD) SYSTEM at DEPARTMENT OF PHYSICS, SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE, 411007, MAHARASHTRA, INDIA.

(C.A NO. SPPU/PHY/2026-27/01)

**REGISTRAR,**  
**SAVITRIBAI PHULE PUNE UNIVERSITY**

**HEAD,**  
**DEPARTMENT OF PHYSICS**  
**SAVITRIBAI PHULE PUNE UNIVERSITY**  
**GANESHKHIND, PUNE- 411007,**  
**MAHARASHTRA, INDIA**

## INDEX

NAME OF WORK: SUPPLY, INSTALLATION, TESTING, COMMISSIONING and TRAINING of TABLE-TOP X-RAY DIFFRACTOMETER (XRD) SYSTEM at DEPARTMENT OF PHYSICS, SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE, 411007, MAHARASHTRA, INDIA.

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SAVITRIBAI PHULE PUNE UNIVERSITY  
(Formerly University of Pune)  
GANESHKHIND, PUNE-411 007,  
MAHARASHTRA, INDIA

**NOTICE INVITING E-TENDER**

Savitribai Phule Pune University, Pune – 411 007 (Maharashtra), India invites online bids through the Government of Maharashtra e-Tendering System from reputed manufacturers, their authorized distributors/dealers, or Indian agents of foreign manufacturers for the supply, installation, testing, commissioning, training, and warranty support of the following equipment:

Sr. No.	Name of Equipment	Quantity	EMD (₹)
1	Table-top X-Ray Diffractometer (XRD) System	One	2,00,000/-

The tender shall be processed through a Two-Cover System comprising:

**Cover No. I – Technical Bid (TB)**

**Cover No. II – Financial Bid (FB)**

Detailed tender documents, eligibility criteria, technical specifications, terms and conditions, and bid submission schedule are available on:

- Government of Maharashtra e-Tender Portal: <https://mahatenders.gov.in/>
- Savitribai Phule Pune University Website: [www.unipune.ac.in](http://www.unipune.ac.in)

Interested bidders shall submit their bids online through the Maharashtra e-Tender Portal within the prescribed time schedule mentioned in the tender document.

The Technical Bids received shall be opened on the date specified in the e-tender schedule in the presence of the bidders' authorized representatives who wish to remain present.

The University reserves the right to accept or reject any or all bids, wholly or partly, without assigning any reason thereof, and the decision of the University shall be final and binding on all bidders.

  
**Registrar**

Savitribai Phule Pune University  
Pune – 411 007, Maharashtra, India.



SAVITRIBAI PHULE PUNE UNIVERSITY  
(Formerly University of Pune)  
GANESHKHIND, PUNE-411 007,  
MAHARASHTRA, INDIA

**INVITATION FOR BIDS  
DETAILED E-TENDER NOTICE**

Online item-rate e-tenders are invited by the Registrar, Savitribai Phule Pune University, Pune, from eligible Manufacturers, Authorized Dealers/Distributors, and Indian Agents of Foreign Manufacturers for the supply, installation, testing, commissioning, training, and warranty support of the following scientific equipment through a Two-Cover System (Technical Bid and Financial Bid).

Sr. No.	Name of Work	Earnest Money Deposit (EMD) (₹)	Delivery Period
1	Supply, Installation, Testing, Commissioning and Training of Table-Top X-Ray Diffractometer (XRD) System at Department of Physics, Savitribai Phule Pune University, Pune, 411007, Maharashtra, India. (C.A No. SPPU/PHY/2026-27/01)	2,00,000/-	Within 16 weeks from the date of Purchase Order

Tender documents, detailed specifications, eligibility criteria, terms and conditions, and bid schedules can be downloaded from the Government of Maharashtra e-Tender Portal ([www.mahatenders.gov.in](http://www.mahatenders.gov.in)).

The cost of the tender document is ₹3,000/- (Rupees Three Thousand only), payable online through the e-payment facility available on the e-tender portal. The tender fee is non-refundable.

The Earnest Money Deposit (EMD) shall also be paid online through the prescribed e-payment mode. EMD exemption shall not be permitted.

Bids shall be submitted online only through the Maharashtra e-Tender Portal. The Technical Bids will be opened as per the schedule indicated below in the presence of the bidders or their authorized representatives who wish to remain present.

## FEE STRUCTURE

Sr. No.	Particulars	Amount (₹)
1	Cost of Tender Document	3,000/-

## TENDER SCHEDULE


Sr. No.	Stage	Date	Time
1	Tender Publishing Date	13/07/2026	11:00 am
2	Tender Document Download Start Date	13/07/2026	11:00 am
3	Tender Document Download End Date	08/08/2026	6:00 pm
4	Pre-Bid Meeting Date	15/07/2026	1:00 pm
5	Tender Bid Submission Start Date	13/07/2026	11:00 am
6	Tender Bid Submission End Date	08/08/2026	6:00 pm
7	Tender Opening of Technical Bids (Tentative)	11/08/2026	4:00 pm

The University reserves the right to accept or reject any or all tenders, wholly or partly, without assigning any reason thereof. The University's decision shall be final and binding on all bidders.

*Dartale*

Head  
Department of Physics  
Savitribai Phule Pune University  
Pune – 411007

Head  
Department of Physics  
Savitribai Phule Pune University  
Pune - 411 007.

  
Registrar  
Savitribai Phule Pune University  
Pune – 411007

## DISCLAIMER

1. The detailed schedule for all activities to be performed by the bidders during the e-tender process is provided under the section titled "**Tender Schedule**" in this tender document. Bidders are advised to carefully note the dates and time limits prescribed for each stage of the tender process and ensure the timely completion of all required activities.
2. Every effort is made by Savitribai Phule Pune University and the e-Tender Service Provider to ensure uninterrupted availability and smooth functioning of the e-Tender Portal. However, the University shall not be held responsible for any temporary unavailability of the portal arising from technical issues, system failures, maintenance activities, network problems, or any other unforeseen circumstances.
3. The University shall not be liable for any direct, indirect, incidental, consequential, or other damages, losses, costs, or expenses arising out of or in connection with the use of, inability to use, or interruption of the e-Tender Portal and its associated services.
4. Bidders are solely responsible for ensuring that all activities related to the e-tender process, including registration, document upload, online payment, submission of bids, and other required actions, are completed well before the stipulated deadlines. The University shall not entertain any requests for extension of time on account of technical difficulties experienced by the bidder.
5. The University shall not be responsible for any incomplete, delayed, unsuccessful, or non-submitted bids due to internet connectivity issues, power failures, hardware or software malfunctions, digital signature issues, portal-related problems, or any other technical reasons at the bidder's end. Such matters shall not constitute grounds for any claim, representation, appeal, arbitration, or legal proceedings against the University.
6. Bidders are advised to regularly visit the e-Tender Portal and the University website for any corrigendum, addendum, clarification, or modification issued in connection with this tender. Such notifications shall form an integral part of the tender document and shall be binding on all bidders.
7. Submission of a bid through the e-Tender Portal shall be deemed to constitute unconditional acceptance by the bidder of all terms, conditions, instructions, and provisions contained in the tender document.

## BIDDING PROCEDURE

### 1. Guidelines to Bidders on the operations of the Electronic Bidding System of Savitribai Phule Pune University.

#### 1.1 Blank Bidder Forms.

Bidder Forms can be downloaded from the e-tender Portal of the Government of Maharashtra, i.e. <https://mahatenders.gov.in>

1.2 The Tender submitted by the Bidder shall be based on the clarification, additional facility offered (if any) by the Department of Physics, Savitribai Phule Pune University, Pune, and this Tender shall be unconditional. Conditional Bidders will be summarily REJECTED.

1.3 All Bidders are cautioned that a Tender containing any deviation from the terms and conditions, specifications or other requirements and a conditional Tender will be treated as non-responsive. The Bidder should clearly mention in the forwarding letter that his offer does not contain any condition, deviations from the terms and conditions stipulated in the Bidder's document

### 2. Pre-requisites to participate in the Bidders processed by Savitribai Phule Pune University:

#### 2.1 Enrolment and Empanelment of Bidder on Electronic Tendering System:

The Bidder interested in participating in the Tender of Savitribai Phule Pune University process by using the Electronic Tendering System shall be required to enroll on <https://mahatenders.gov.in> the Electronic Tendering System to obtain a user ID.

After submission of the application for enrollment on the System, the application information shall be verified by the authorized Representative of the Bidder. If the information is found to be complete, the enrolment submitted by the Bidder shall be approved.

The Bidder may obtain the necessary information on the process of enrollment either from Helpdesk Support team or enrolled directly on the website <https://mahatenders.gov.in>

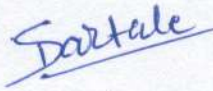
2.1.1 Bidders should have a valid, appropriate class Digital Signature Certificate (DSC) obtained from any Certifying Authorities. In case of the requirement of DSC, interested Bidders should go to <https://mahatenders.gov.in> and follow the procedure mentioned in the document 'Procedure for application of Digital Certificate'.

2.1.2 For any assistance on the use of the Electronic Bidding System, the Users may call the numbers below:

**Landline: 020 – 2562 2800**

**Or**

**Mobile No. + 918600332257**

  
Head  
Department of Physics  
Savitribai Phule Pune University  
Pune - 411 007.

- 2.1.3 Bidders should install the Mandatory Components available on the Home Page of <https://mahatenders.gov.in> under the section 'Mandatory Components' and make the necessary Browser Settings provided under the section 'Internet Explorer Settings'.

## 2.2 Obtaining a Digital Certificate :

The Digital Certificates are issued by an approved Certifying Authority Authorized by the Controller of Certifying Authorities of the Government of India through their Authorized Representatives upon receipt of documents required to obtain a Digital Certificate.

Bid data/information for a particular Bidder may be submitted only using the Digital Certificate, which is used to encrypt the data during the Bid Preparation. In case during the process of preparing and submitting a Bid for a particular Bidder, the Bidder loses his/her Digital Signature Certificate (i.e. due to a virus attack, hardware problem, or operating system problem); he/she may not be able to submit the Bid online. Hence, the Users are advised to store his / her Digital Certificate securely and, if possible, keep a backup at safe place under adequate security to be used in case of need.

In case of online Bidding, if the Digital Certificate issued to an Authorized User of a Partnership firm is used for signing and submitting a bid, it will be considered equivalent to a no-objection certificate/power of attorney to that User to submit the bid on behalf of the partnership Firm. The Partnership Firm has to authorize a specific individual via an authorisation certificate signed by a partner of the firm (and in case the applicant is a partner, another partner in the same form is required to authorise) to use the digital certificate as per the Indian Information Technology Act. 2000.

Unless the Digital Certificate is revoked, it will be assumed to represent adequate authority of the Authorised User to bid on behalf of the Firm for the Bidders processed on the Electronic Bidder Management System of the Government of Maharashtra as per the Indian Information Technology Act 2000. The Digital Signature of this Authorised user will be binding on the Firm. It shall be the responsibility of partners of the firm to inform the certifying Authority or sub-certifying authority, if the Authorized User changes and apply for a fresh Digital Signature Certificate. The procedure for the application of a Digital Signature Certificate will remain the same for the new Authorised User.

The same procedure holds true for the Authorised Users in a Private / Public Limited Company. In this case, the Authorisation Certificate will have to be signed by the Director of the Company or the Reporting Authority of the Applicant.

For information of the Process of application for obtaining Digital Certificate, the Bidder may visit the section Digital Certificate on the Home Page of the Electronic Bidding System.

*Sartale*

**2.3 Recommended Hardware and Internet Connectivity:**

To operate on the Electronic Bidding System, the Bidders are recommended to use the computer System as per the requirements of mahaBidders.gov.in

**2.4** To operate on the Electronic Tendering System of Government of Maharashtra, the Computer System of the Bidder is required be set up as per Bidder requirement to install Utilities available under the section Mandatory Installation Components on the Home Page of the System.

The utilities are available for download freely from the above-mentioned section. The Bidder are requested to refer to the E-tendering Toolkit for Bidders available online on the Home Page to understand the process of setting up the system. Or alternatively, contact the Helpdesk support team for information/guidance on the process of setting up the System.

**3. Steps to be followed by the Bidder to participate in the e-tendering process by Mahatender.**

**3.1 Preparation of online Briefcase**

All Bidder enrolled on the Electronic Tendering System of the Government of Maharashtra are provided with a dedicated briefcase facility to store documents/files in digital format. The Bidder can use the online briefcase to store their scanned copies of frequently used documents/files to be submitted as a part of their bid response. The Bidder are advised to store the relevant documents in the briefcase before starting the Bid Preparation and submission stage.

In Case the Bidder has multiple documents under the same type (e.g. multiple Work Completion Certificates) as mentioned above, the Bidder is advised to either create a single PDF file of all the documents of the same type or compress the documents in a single compressed file in .zip or .rar formats and upload the same.

It is mandatory to upload the documents using the briefcase facility. Therefore, the Bidder are advised to keep the documents ready in the briefcase to ensure timely bid preparation.

**Note: Uploading of documents in the briefcase does not mean that the documents are available to Savitribai Phule Pune University at the time of Bidder Opening stage unless the documents are specifically attached to the bid during the online Bid Preparation as well as during Decryption.**

**3.2 Online viewing of Detailed Notice Inviting Bidders:**

The Bidder can view the Detailed Bidder Notice along with the Time Schedule (Key Dates) for all the Live Bidders released by Savitribai Phule Pune University on the e-tender Portal on <https://mahatenders.gov.in> under the organization Savitribai Phule Pune University.

### **3.3 Download of Bidder Documents:**

The Pre-qualification / Main Bidding Documents are available for free downloading. However, to participate in the online Bidder, the bidder must purchase the bidding documents online by filling up details of Demand Draft towards the cost of Bidder form fee.

### **3.4 Online Bid Preparation**

Submission of bids shall be preceded by online bid preparation and uploading of digitally signed documents within the Bidder Time Schedule (Key Dates) specified in the Detailed Notice Inviting Tender (DNIT).

The bid data shall be prepared using the templates provided by Savitribai Phule Pune University through the e-Tender Portal.

Under the "Uploadable Documents" section of the templates, bidders shall upload the relevant supporting documents. Where multiple documents are to be submitted, bidders may upload them as a single compressed (ZIP/RAR) file, provided that all required documents are clearly identifiable and accessible.

### **3.5 Short listing of Bidder for Financial Bidding Process:**

The Technical Bids submitted by the bidders shall be opened and scrutinized by a Technical Evaluation Committee constituted by the Department of Physics, Savitribai Phule Pune University, Pune. The Committee may include subject experts from other academic, research, or technical institutions, wherever deemed necessary.

The Technical Evaluation Committee shall assess the bids with respect to eligibility criteria, compliance with technical specifications, documentary evidence, performance credentials, and other requirements stipulated in the tender document.

Only those bidders whose Technical Bids are found substantially responsive and technically qualified shall be shortlisted for the opening of the Financial Bids. The decision of Savitribai Phule Pune University regarding technical qualification and shortlisting of bidders shall be final and binding.

The shortlisted bidders shall be intimated by e-mail regarding the opening of the Financial Bids.

### **3.6 Opening of the Financial Bids :**

The Bidder must be present in the office of the Bidder Opening Authority at the time of opening of Financial Bids. However, the results of the Financial Bids of all Bidder shall be available on the <https://mahatenders.gov.in> e-tender Portal immediately after the completion of opening process.

### **3.7 Bidder Schedule (Key Dates):**

The Bidder are strictly advised to follow the Dates and Times allocated to each stage as indicated in the Time Schedule in the detailed Bidder Notice for the Bidder. All the online activities are time tracked and the electronic Bidding

System enforces time-locks that ensure that no activity or transaction can take place outside the Start and End Dates and time of the stage as defined in the Bidder Schedule.

At the sole discretion of the Bidder Authority, the time schedule of the Bidder stages may be extended.

#### **4 Documents to be uploaded online**

The scanned copies of various documents to be submitted/uploaded Online is listed in the online technical bid. The documents shall be Specifically attached to the bid during the online Bid Preparation as well as during Decryption as per online instructions. The following documents shall be scanned and uploaded online at the respective templates of the Technical Bid while preparing the bid.

##### **1.1 COVER No. I :( Documents)**

4.1.1 The first COVER clearly marked as “COVER No. I” shall contain the following documents.

4.1.2 **Scanned copy of GSTIN Registration Certificate & PAN card.**

4.1.3 **Scanned copy of Company Registration Certificate in case of manufacturer or Shop Act License** of Bidder in original or self-attested copy thereof or **Dealership Certificate** in case of Authorized Dealer.

4.1.4 Scanned copies of Completion Certificates evidencing the successful supply, installation, testing, and commissioning of Table-Top X-Ray Diffractometer (XRD) Systems costing not less than Rs. Seventy Five Lakhs in last the last three financial years (2023–24, 2024–25, and 2025–26) in Government, Semi-Government, Autonomous Institutions, Universities, Research Laboratories, or Private Sector Organizations shall be submitted in the prescribed Form No. I.

Only those bidders who furnish the requisite Completion Certificates shall be considered technically qualified under this criterion and eligible for opening of their Financial Bids.

The Completion Certificates must be issued and duly signed by an authorized officer of the client organization.

4.1.5 Scanned copy of Declaration regarding any ongoing disputes/litigations (or any history thereof) with respect to any work executed / being executed by the Bidder with details of disputes/litigations, if applicable.

4.1.6 **Scanned copy of Affidavit:** the Bidder shall submit an affidavit (As per Format) regarding completeness, correctness & truthfulness of documents and statement submitted in COVER No. I.

4.1.7 **Scanned copy of Partnership Deed/Certification registration in**

**case of Pvt. Ltd. Company** with the list of director's their names and address with telephone numbers, if the Bidder is a partnership firm/Pvt. Ltd. Company, Power of Attorney/resolution of the Board of Directors for authorised signatory. (If applicable)

**4.1.8 COVER No. - II (Financial Bid)**

Only those bidders who are found technically qualified and who have submitted all the requisite documents, certificates, and information as specified in COVER No. I (Technical Bid) shall be eligible for the opening of their Financial Bids.

COVER No. II shall contain only the Financial Bid in the prescribed Bill of Quantities (BOQ) format provided on the Maharashtra e-Tender Portal. The bidder shall quote the rates strictly in the BOQ template and submit the same online only under COVER No. II.

The bidder shall not disclose, directly or indirectly, any price or financial information in COVER No. I (Technical Bid). Any such disclosure may result in rejection of the bid.


The Financial Bid shall be submitted in accordance with the specifications, terms and conditions, special conditions, and other requirements stipulated in the tender document and any corrigenda/addenda issued by Savitribai Phule Pune University, Pune and published on the Maharashtra e-Tender Portal (<https://mahatenders.gov.in>).

The Financial Bid submitted by the bidder shall be unconditional.

- 4.1.9 All the documents from Sr. No. 4.1.1 to 4.1.7 shall be uploaded online by Bidder in COVER No. I correctly and completely otherwise his COVER No. II will not be opened. Even though the Bidders meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the Statements, attachments submitted in proof of the qualification requirements.**

**And/or**

**Record of poor performance, such as abandoning the works, not properly completing the Bidder, inordinate delays in completion, litigation history or financial failures, etc.**

  
Head  
Department of Physics  
Savitribai Phule Pune University  
Pune - 411 007.

## 4.2 QUALIFYING CRITERIA

### (a) Financial Capacity

To qualify for the award of the contract, the bidder shall have achieved an average annual turnover of not less than ₹1.00 Crore (Rupees One Crore Only) from the supply, installation, testing, and commissioning of scientific instruments and analytical equipment during the last three financial years (2023–24, 2024–25, and 2025–26).

The information shall be furnished in Form No. II enclosed with the tender document. The bidder shall attach supporting documents such as audited financial statements and/or a certificate from a Chartered Accountant in support of the turnover claimed.

In the case of an authorized dealer/distributor or Indian agent, the turnover of the Principal Manufacturer may also be considered, provided a valid Manufacturer's Authorization Letter issued by the Principal Manufacturer is submitted along with the bid.

### (b) Experience

The bidder shall have successfully completed the supply, installation, testing, and commissioning of at least one Table-Top X-Ray Diffractometer (XRD) System costing not less than ₹55.00 Lakhs (Rupees Fifty Five Lakhs Only) during the last three financial years (2023–24, 2024–25, and 2025–26) in any Government Department, Semi-Government Organization, Autonomous Institution, University, Research Laboratory, Public Sector Undertaking, or Private Sector Organization.

The information shall be furnished in Form No. I enclosed with the tender document and shall be supported by completion certificates issued by the authorized officer of the client organization.

In the case of an authorized dealer/distributor or Indian agent, the experience of the Principal Manufacturer may also be considered, provided a valid Manufacturer's Authorization Letter is submitted along with the bid.

**Note 1:** The necessary certificate as mentioned in qualification criteria from Sr. No. (a) to (b) are required to be obtained from the Authorised person & shall be attached in COVER No. I only. In absence of these certificates COVER No. II (Financial Bid) shall not be opened.

**Note 2:** Form No. I and II: All these statements shall be filled in and signed properly. If these Forms are found incomplete, incorrect, kept blank or wrongly filled, Bidder's COVER No. II (financial bid) will not be opened and his offer will be summarily rejected.

**Note 3:** The abstract of information in Form II (Form showing work done) shall be given in the Proforma enclosed. The abstracted Form (II) needs to be signed by the Bidders Authorised person

4.3 **SUBMISSION OF TENDER: -**

Refer to Section **Guidelines to Bidders on the operations of Electronic tendering System of <https://mahatenders.gov.in>** for details.

4.4 **OPENING OF BIDDERS:**

On the date, specified in the Bidder Schedule, following procedure will be adopted for opening of the Bidder.

(A) **COVER NO. I :- ( Documents )**

If the various documents contained in this COVER do not meet the requirements of the University, a note will be recorded accordingly by the Bidder opening authority and the said Bidder's COVER No. II will not be considered for further action and the same will be recorded.

The decision of the Bidder opening authority in this regard will be final and binding on the Bidder.

(B) **COVER NO. II : (Financial Bid)**

The financial bid in COVER No. II shall be opened online after opening of COVER No. I, only if the contents of COVER No. I have been found acceptable by the University. The Bidded rates in B.O.Q. shall then be read out from the template in the presence of bidders who remain present at the time of opening of COVER No. II.

5 **EARNEST MONEY:**

Scanned copy of the above document (as the case may be) shall be uploaded in COVER No. I online.

The earnest money will be refunded in due course in case of Bidders whose Bidders are not accepted. In case of a successful Bidder, the Earnest money will be refunded after paying the initial security deposit and completing the Bidder documents by the Bidder. The amount of Earnest Money may be forfeited to University in case the successful Bidder does not pay the amount of initial security deposit within specified time limit. **Earnest Money Exemption Certificate shall not be accepted.**

6 **CORRECTION:**

No corrections shall be made in the Bidder documents. Any corrections that are to be made shall be made by crossing the incorrect portion and writing the correct portion above with the initials of the Bidder.

7 **BIDDER'S ACCEPTANCE:**

Acceptance of Bidder will rest with the Bidder accepting authority, Savitribai Phule Pune University, who reserves the right to reject any or all Bidders without assigning any reason thereof. The Bidder whose Bidder is accepted will have to enter into a regular **B-2** agreement within 10 days of being notified to do so. In case of failure on the part of the Bidder to sign the agreement within

the stipulated time, the earnest money paid by him may stand forfeited to the University, and the offer of the Bidder shall be considered as withdrawn by him.

7.1 **CONDITIONAL TENDER:**

Any bid that does not comply with the provisions of the Tender Notice, tender conditions, specifications, instructions to bidders, or any other requirements stipulated in the tender document, or which is incomplete in any respect, may be rejected by Savitribai Phule Pune University, Pune, without assigning any reason.

7.2 The information, specifications, and data provided by the Department of Physics, Savitribai Phule Pune University, Pune in the tender document are intended solely to assist bidders in preparing their bids. While every effort has been made to ensure the accuracy of such information, the Department of Physics, Savitribai Phule Pune University, Pune shall not be responsible for any inaccuracies, omissions, or interpretations thereof, and bidders are advised to satisfy themselves independently before submitting their bids.

7.3 No foreign exchange shall be released or arranged by Savitribai Phule Pune University, Pune for the procurement, import, supply, installation, testing, commissioning, or maintenance of the equipment. The bidder shall be solely responsible for arranging all foreign exchange requirements, if any, at its own cost and risk.

8. **POWER OF ATTORNEY:**

8.1 If the Bidders are a firm or company, they should in their forwarding letter mention the names of all the partners together with the name of the person who holds the power of Attorney, authorizing him to conduct all transactions on behalf of the body, along with the Bidder as per scanned copy uploaded in COVER No. I.

8.2 The Bidder may, in the forwarding letter, mention any points they wish to make clear, but the right is reserved to reject the same or the whole of the Bidder if the same become conditional Bidder thereby.

8.3 The Bidder or the firms Bidding for the work shall inform the Department of Physics, Savitribai Phule Pune University, Pune if they appoint their authorized person on the work.

9. **VALIDITY PERIOD:**

The offer shall remain open for acceptance for a minimum period of 120 days from the Date of submission of the bid.

*Sartale*

Head  
Department of Physics  
Savitribai Phule Pune University  
Pune - 411 007.

₹500/- STAMP PAPER

# AFFIDAVIT

(To be Notarized)

I, Shri/Smt. \_\_\_\_\_, Age \_\_\_\_\_ Years, residing at \_\_\_\_\_, do hereby solemnly affirm and declare as under:

1. That I am the Proprietor / Partner / Authorized Signatory of M/s. \_\_\_\_\_ and am duly authorized to submit the bid on behalf of the said firm.
2. That I am submitting the bid for the work of **“Supply, Installation, Testing, Commissioning and Training of Table-Top X-Ray Diffractometer (XRD) System at Department of Physics, Savitribai Phule Pune University, Pune, 411007, Maharashtra, India.”**
3. That all the documents, certificates, information, and particulars submitted by me/us in **Cover No. I (Technical Bid)** are true, correct, authentic, and complete to the best of my/our knowledge and belief.
4. I/we further declare that no information furnished by me/us is false, misleading, fabricated, or suppressed and that no material information has been concealed.
5. In the event that any information, document, or certificate submitted by me/us is found to be false, incorrect, misleading, fabricated, or incomplete at any stage of the tender process, I/we shall be liable for rejection of the bid, forfeiture of Earnest Money Deposit (EMD), and such legal action as may be deemed fit by Savitribai Phule Pune University, Pune.
6. I/we hereby undertake to abide by all the terms and conditions stipulated in the tender document.

## DEPONENT

(Signature of Bidder / Authorized Signatory with Seal)

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

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

## VERIFICATION

I, the above-named deponent, do hereby verify that the contents of this affidavit are true and correct to the best of my knowledge and belief and that nothing material has been concealed therefrom.

## DEPONENT

(Signature of Bidder / Authorized Signatory with Seal)

*Sartale*

Head  
Department of Physics  
Savitribai Phule Pune University  
Pune - 411 007.

FORM NO. I

DETAILS OF SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF  
TABLE-TOP X-RAY DIFFRACTOMETER (XRD) SYSTEMS COMPLETED BY THE  
BIDDER

NAME OF THE BIDDER: \_\_\_\_\_

Sr. No.	Name / Model of XRD System Supplied	Name and Address of Client Organization	Place and Country	Purchase Order / Contract No.	Date of Purchase Order	Order Value (₹ in Lakhs)	Total Value of Supply Completed (₹ in Lakhs)	Date of Installation & Commissioning	Brief Description of System Supplied
1									
2									
3									
4									
5									

Signature of Bidder

(Name and Seal)

Note:

1. This is a standard format. The details shall be furnished in this format, duly filled in, signed, scanned, and uploaded in **Cover No. I (Technical Bid)**.
2. Copies of Purchase Orders and Completion / Installation & Commissioning Certificates shall be attached in support of the supplies claimed in this form.
3. The Completion / Installation & Commissioning Certificates shall be issued and duly signed by the competent authority of the client organization.
4. Only experience relating to the supply, installation, testing, and commissioning of X-Ray Diffractometer (XRD) Systems or similar analytical instruments shall be considered for evaluation.

*Sarkale*  
Head  
Department of Physics  
Savitribai Phule Pune University  
Pune - 411 007.

**FORM NO. II**  
**STATEMENT SHOWING TURNOVER FROM SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF SCIENTIFIC INSTRUMENTS AND ANALYTICAL EQUIPMENT DURING THE LAST THREE FINANCIAL YEARS**

**NAME OF BIDDER:** \_\_\_\_\_

Sr. No.	Name of Supply Order / Contract	Name and Address of Client Organization	Purchase Order / Contract No.	Date of Supply / Completion	Turnover Achieved During FY 2023-24 (₹ in Lakhs)	Turnover Achieved During FY 2024-25 (₹ in Lakhs)	Turnover Achieved During FY 2025-26 (₹ in Lakhs)	Remarks
1								
2								
3								
4								
5								

||||| **Grand Total** |||||  
 ||||| **Average Annual Turnover** |||||

**Signature of Bidder**

(Name and Seal)

**Note:**

1. This is a standard format. The details shall be furnished in this format, duly filled in, signed, scanned, and uploaded in **Cover No. I (Technical Bid)**.
2. The bidder shall attach supporting documents such as audited financial statements and/or a certificate from a Chartered Accountant in support of the turnover claimed.
3. Savitribai Phule Pune University reserves the right to verify the information furnished by the bidder from the concerned organizations and/or statutory records.
4. The turnover furnished in this form shall be considered for evaluating the Financial Capacity criteria specified in the tender document.

*Sartale*  
 Head  
 Department of Physics  
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## FORM B-2

### General rules for the purchase of Equipment

DEPARTMENT OF PHYSICS  
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE – 411007,  
MAHARASHTRA, INDIA

**Name of Work:** SUPPLY, INSTALLATION, TESTING, COMMISSIONING and TRAINING of TABLE-TOP X-RAY DIFFRACTOMETER (XRD) SYSTEM at DEPARTMENT OF PHYSICS, SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE, 411007, MAHARASHTRA, INDIA

### GENERAL RULES AND DIRECTIONS FOR THE GUIDANCE OF BIDDER.

1. All procurement proposed to be carried out through this tender shall be notified through a Tender Notice issued by Savitribai Phule Pune University, Pune and displayed in the office of the Head, Department of Physics and/or published on the Maharashtra e-Tender Portal. The Tender Notice shall be signed by the Registrar, Savitribai Phule Pune University, Pune.

The Tender Notice shall state the work/supply to be carried out, the date and time for submission and opening of tenders, the delivery period, the amount of Earnest Money Deposit (EMD) to be deposited by the Bidder, the amount of Security Deposit/Performance Security to be furnished by the successful Bidder, and such other conditions as may be applicable.

2. In the event of the tender being submitted by a firm, it shall be signed by a person duly authorized to act on behalf of the firm. In the event of the absence of any partner, the tender may be signed on his behalf by a person holding a valid Power of Attorney authorizing him to do so.

**2(A)(I).** The Bidder shall pay, along with the tender, a sum of ₹2,00,000/- (Rupees Two Lakhs Only) as Earnest Money Deposit (EMD). The Bidder shall pay the said amount through online e-payment only. The EMD shall not carry any interest whatsoever.

**2(A)(II).** If, after submission of the tender, the Bidder withdraws or modifies his offer, or if, after acceptance of the tender, the Bidder fails or neglects to furnish the Security Deposit/Performance Security within 10 days from the date of receipt of the Letter of Acceptance/Purchase Order, then, without prejudice to any other rights and remedies available to the University, Savitribai Phule Pune University shall be entitled to forfeit the full amount of the EMD deposited by the Bidder.

**2(A)(III).** In the event of the tender not being accepted, the EMD deposited by the Bidder shall, unless previously forfeited under the provisions of Clause 2(A)(II), be refunded in accordance with the applicable rules and procedures.

3. Receipts for payments made on account of the supply, installation, testing and commissioning of the equipment, when executed by a firm, shall be signed by the authorized signatory of the firm. Where the bidder is a firm, the receipt may be signed in the name of the firm by one of the partners or by any other person duly authorized to issue official receipts on behalf of the firm.
4. The Registrar / Finance & Accounts Officer / Head, Department of Physics, or their duly authorized representative shall open the tenders in the presence of the bidders or their authorized representatives who may be present at the time of opening. The details of the bids received shall be recorded in an appropriate comparative statement. In the event of a tender being accepted, the successful Bidder shall, for the purpose of identification and record, sign such documents as may be required by the University.
5. The competent authority of the University reserves the right to reject any or all tenders without assigning any reason thereof.
6. No receipt for any payment alleged to have been made by a Bidder in regard to any matter relating to the tender shall be valid and binding on Savitribai Phule Pune University unless it is signed by the Head, Department of Physics, Savitribai Phule Pune University.
7. All items recommended for payment shall be verified on the basis of supply, installation, testing, commissioning, and acceptance records maintained by the Department of Physics, Savitribai Phule Pune University, Pune.
8. Under no circumstances shall any Bidder be entitled to claim enhanced rates for any item after submission and acceptance of the tender.
9. The successful Bidder shall produce a valid PAN Card and GST Registration Certificate issued by the competent authorities. Failure to furnish the same may result in withholding of payments by Savitribai Phule Pune University.
10. No foreign exchange shall be released or arranged by Savitribai Phule Pune University, Pune for the procurement, import, supply, installation, testing, commissioning, training, warranty support, or maintenance of the equipment. Any foreign exchange requirement shall be arranged by the Bidder at its own cost and responsibility.

*Sartale*

Head  
Department of Physics  
Savitribai Phule Pune University  
Pune - 411 007.

## Terms and Conditions

Department of Physics, Savitribai Phule Pune University, Pune, invites tenders for the purchase of a Table-Top X-Ray Diffractometer (XRD) System for the Department of Physics, Savitribai Phule Pune University, Pune, hereinafter referred to as the "BUYER" / "Purchaser", and the Tenderer is referred to as the "BIDDER" / "Supplier".

1. Technical specifications of the instrument are as per the attached **ANNEXURE (C): Technical Specifications for the Table-Top X-Ray Diffractometer (XRD) System.**
2. The BIDDER shall submit offers in two parts – Cover No. I shall contain the Technical Bid and Cover No. II shall contain the Financial Bid.
3. The Supplier shall pay and bear all liabilities, taxes, duties, levies, and charges not specifically agreed to be borne by the Purchaser in the Purchase Order.
4. Leaflets, catalogues, brochures, and technical literature shall invariably be attached so that proper evaluation of the equipment offered is possible.
5. Pre-installation requirements for the instrument (power specifications, space requirements, environmental conditions, etc.) shall be clearly mentioned.
6. All communications shall be addressed to:

### The Head

Department of Physics

Savitribai Phule Pune University

Pune – 411007, Maharashtra, India.

7. The quantity of items to be procured shall be at the discretion of the BUYER.
8. Accessories and items procured in India shall be quoted in Indian Rupees.
9. GST and other applicable taxes shall be indicated separately. The BIDDER shall mention the GST Registration Number and PAN Number in the offer.
10. **DELIVERY:** The successful BIDDER shall supply, install, test, commission, and demonstrate satisfactory performance of the instrument **within 16 weeks from the date of issue of the Purchase Order.** The BIDDER shall clearly indicate the delivery schedule in the offer.
11. The BUYER shall evaluate technically and commercially acceptable offers through a Technical Evaluation Committee and/or Purchase Committee constituted by Savitribai Phule Pune University, Pune. The Technical Evaluation Committee may include

subject experts from other academic, research, or technical institutions. The decision of the Committee regarding technical suitability, compliance with specifications, and shortlisting of bidders shall be final and binding.

**12. CANCELLATION OF TENDER:** Notwithstanding anything specified in this tender document, the BUYER, in its sole discretion and without assigning any reason, reserves the right:

- a) To accept or reject the lowest tender or any tender or all tenders.
- b) To accept any tender in full or in part.
- c) To reject any tender not conforming to the terms and conditions of the tender.

**13. TERMS OF PAYMENT:** The BIDDER shall clearly specify the payment terms in the offer. The BUYER reserves the right to accept, modify, or reject the payment terms offered by the BIDDER. Customs Duty Exemption Certificate (CDEC) shall be provided, wherever applicable, as per Government of India rules.

**14.** In case any BIDDER is silent on any clause mentioned in this tender document, the BUYER shall construe that the BIDDER has accepted the said clause. No subsequent claim shall be entertained.

**15.** No revision in the terms and conditions quoted in the offer shall be permitted after submission of the bid, except with the prior written approval of the BUYER.

**16. LIQUIDATED DAMAGES:** Timely delivery is the essence of the contract. If any consignment is delayed, liquidated damages at the rate of **0.5% of the value of the delayed consignment per week or part thereof** shall be levied and recovered, subject to a maximum of **5% of the total Purchase Order value**.

**17. GUARANTEE / WARRANTY:** The Supplier/BIDDER shall provide a comprehensive warranty for **36 months** from the date of successful installation and commissioning of the instrument. The Supplier/BIDDER shall also provide a quotation for a non-comprehensive Annual Maintenance Contract (AMC) for a period of **24 months** after expiry of the warranty period.

**18. INSTALLATION & COMMISSIONING:** The successful BIDDER shall depute qualified personnel for installation, testing, commissioning, calibration (where applicable), and performance verification of the instrument. The successful BIDDER shall make necessary arrangements at its own cost for travel, boarding, lodging, and other expenses of its personnel during their stay in Pune. This shall also include training of University personnel.

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19. **TRAINING:** The BIDDER shall provide adequate operational and application training to the faculty, staff, research scholars, and students of the Department of Physics, Savitribai Phule Pune University, Pune.
20. **LEGAL MATTERS:** All disputes arising out of or relating to this tender and any resulting contract shall be subject to the exclusive jurisdiction of the competent courts at Pune, Maharashtra, India.
21. If the BIDDER is not quoting directly, the name and address of its authorized Indian agent and representatives shall be disclosed.
22. The BIDDER agrees that if it makes any incorrect statement or furnishes any false information, the BIDDER may be disqualified from the tender process, or the contract, if already awarded, may be terminated.
23. The BIDDER shall deposit the Earnest Money Deposit (EMD) amount specified in the tender document through online payment mode only, as prescribed in the tender document.
24. The Earnest Money Deposit (EMD), wherever applicable, shall remain valid for a period of **180 days from the last date of submission of bids**.
25. No interest shall be payable by the BUYER to the BIDDER on the Earnest Money Deposit for the period of its retention.
26. In the case of the successful BIDDER, the EMD shall be refunded after submission and acceptance of the Performance Security / Performance Bank Guarantee, as applicable, in accordance with the provisions of the tender document.

*S. D. Patil*

Head  
Department of Physics  
Savitribai Phule Pune University  
Pune - 411 007.



**Department of Physics**  
**Savitribai Phule Pune University**

**Table-top X-Ray Diffractometer (XRD)**

**Technical Specifications**

**1. General Requirements**

- Table-top X-ray Diffractometer for research applications
- Suitable for analysis of:
  - Powder samples
  - Bulk materials and alloys
  - **Thin films (optional)**
- Capable of:
  - Phase identification
  - Quantitative phase analysis
  - Structural analysis

**2. X-Ray Source**

- Cu K $\alpha$  sealed X-ray tube
- Power:  $\geq 600$  W
- Voltage: up to  $\sim 40$  kV (variable)
- Current:  $\geq 15$  mA (variable)
- Output stability:  $\leq \pm 0.1\%$
- Automatic shutter and safety interlocks

**3. Goniometer**

- Geometry:  $\theta$ - $2\theta$  (Bragg-Brentano)
- $2\theta$  range: **minimum  $5^\circ$  to  $\geq 140^\circ$**
- Step size:  $\leq 0.02^\circ$
- Angular accuracy:  $\leq \pm 0.02^\circ$
- Fixed or variable divergence slit with suitable optics
- Capability for low-angle ( $\leq 5^\circ 2\theta$ ) measurements (optional)
- Provision for thin film/grazing incidence attachment (optional)

**4. Detector System**

- Solid-state detector (1D strip / position-sensitive detector)
- Count rate  $\geq 1 \times 10^5$  cps
- Fast scan  $\geq 10^\circ/\text{min}$
- Resolution contribution:  $\leq 0.02^\circ$
- Built-in fluorescence suppression
- Suitable for time-resolved measurements

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5. **Sample Handling**
  - Sample holders for powder and bulk materials
  - Low-background sample holder (Optional)
  - Multi-sample changer:  $\geq 6$  samples (Optional)
  - Provision for thin film sample mounting (optional)
6. Temperature Capability
  - High-temperature stage: Room temperature to  $\geq 800^{\circ}\text{C}$  (optional)
  - Programmable temperature control
7. Software & Data Analysis
  - Integrated control and analysis software (OEM supplied)
  - Real-time data acquisition and visualization
  - Data processing:
    - Peak search
    - Background subtraction
    - Smoothing and  $K\alpha_2$  stripping
    - Peak fitting / smoothing
  - Analysis capabilities:
    - Phase identification
    - Quantitative analysis
    - **Rietveld refinement**
    - Lattice parameter / crystallinity analysis
8. Diffraction Database
  - Licensed diffraction database (**PDF-2 / PDF-4**) from International Centre for Diffraction Data (ICDD) (**Optional**)
9. Computer & Accessories
  - Suitable computer system with latest OS
  - UPS backup
  - Essential accessories and calibration standards
10. Installation & Training
  - Supply, installation, and commissioning at site
  - User training
  - Operation manuals
11. Warranty & Support
  - Minimum **3-year comprehensive warranty**
  - Service support availability in India

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## GENERAL INSTRUCTION TO BIDDERS AND SPECIAL CONDITION

1. The Earnest Money Deposit (EMD) paid by the successful Bidder along with the tender shall be retained by the University until submission and acceptance of the Performance Security, as applicable. No interest shall be payable by the University on the EMD.
2. On receipt of intimation from the University regarding acceptance of the tender, the successful Bidder shall be bound to execute the Purchase Order/Contract. The written acceptance by the Bidder shall constitute a binding contract between the University and the successful Bidder, whether or not a formal agreement is subsequently executed.
3. The Bidder shall not assign, transfer, or subcontract the Purchase Order/Contract, in whole or in part, without the prior written consent of the University. In case of breach of this condition, the University shall have the right to terminate the contract and take such action as deemed appropriate.
4. The Bidder shall obtain, at its own responsibility and expense, all information necessary for preparing the bid and executing the contract. The Bidder shall carefully examine the tender documents, technical specifications, installation requirements, site conditions, utilities available, and all other matters relevant to the supply, installation, testing, and commissioning of the instrument.
5. The delivery period specified in the tender document and accepted by the University shall be strictly observed by the Bidder. If the Bidder fails to supply, install, test, and commission the instrument within the stipulated period, it shall be liable for liquidated damages as specified in the tender document.
6. The Bidder shall make its own arrangements for procurement, transportation, insurance, handling, installation, testing, commissioning, and all other activities necessary for successful completion of the supply.
7. The Bidder shall supply equipment, components, accessories, and consumables strictly conforming to the specifications, makes, and standards specified in the tender document.
8. The Bidder shall strictly comply with all applicable safety regulations and procedures during transportation, installation, testing, commissioning, and training activities.
9. The University shall provide the installation space for the instrument. The Bidder shall carry out installation and commissioning activities within the allotted space without causing disruption to the normal academic, research, and administrative activities of the University.

10. In all cases of omissions, doubts, ambiguities, or discrepancies relating to the tender specifications, a reference shall be made to the Head, Department of Physics, Savitribai Phule Pune University, Pune, whose interpretation and decision shall be final and binding. The Bidder shall be responsible for any errors, omissions, or deficiencies arising during installation, commissioning, or operation of the instrument attributable to the Bidder.
11. The University shall not be liable for any loss, damage, injury, accident, or financial liability incurred by the Bidder, its employees, representatives, or agents during execution of the contract.
12. Any damage caused to University property, infrastructure, utilities, equipment, or installations during transportation, installation, testing, commissioning, or training shall be made good by the Bidder at its own cost. No separate payment shall be made by the University for restoration of such damages.

I/We hereby declare that I/we have read, understood, and accepted the above instructions and special conditions.

**Signature of Bidder**

Name: \_\_\_\_\_

Seal of Firm: \_\_\_\_\_

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