

GLOBAL TENDER ENQUIRY

NOTICE INVITING TENDER (E-Procurement mode)

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान पुणे

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH

An Autonomous Institution, Ministry of Education, Govt. of India

Dr. Homi Bhabha Road, Pashan Pune – 411008.

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Website: www.iiserpune.ac.in

Open Tender Ref. No: IISER/PUR/0846/23

Date: 29/02/2024

Indian Institute of Science Education and Research, Pune invites online bid (e-tender) in two bid system from Original Equipment Manufacturers, Foreign Principals and Indian Agents of Foreign Principals, Authorized Distributors of Original Equipment Manufacturer for procurement and installation for the following.

Brief Details of Tender:

Item Description	Estimate Cost of Tender (Rs).	EMD (Rs).	Tender Fee (inclusive GST @ 18%) (Rs.)
Multi-users X-ray Photoelectron Spectroscopy (XPS) Facility	400.00 Lakhs	8.00 Lakhs	1,180/-

Category of Suppliers invited for this Tender

Class I local Supplier – has local content equal to more than 50%

Class II local Supplier – has local content more than 20% but less than 50%

Non –Local Supplier – has local content less than or equal to 20%

The Tender Document can be downloaded from Central Public Procurement (CPP) Portal <https://eprocure.gov.in/eprocure/app> or Institute website www.iiserpune.ac.in and bid is to be submitted **online only** through the E-procurement portal up to the last date and time of submission of tender.

Critical Dates of Tender

Sr.No	Particulars	Date	Time
1	Date of Online Publication/Download of Tender	29/02/2024	18.00Hrs
2	Pre-Bid Meeting	07/03/2024	15.00Hrs
3	Bid Submission Start Date	18/03/2024	18.00Hrs
4	Bid Submission Close Date	29/03/2024	15.00Hrs
5	Closing date & time for Submission of original Tender Fee/EMD	29/03/2024	15.00Hrs
6	Opening of Technical Bids	01/04/2024	14.00Hrs

No manual bids will be accepted. All quotation (both Technical and Financial should be submitted in the E-procurement portal).

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 0120-4200462, 0120-4001002, 91-8826246593.

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Instructions for Online Bid Submission:

This tender document has been published on the Central Public Procurement Portal ([URL:https://eprocure.gov.in/eprocure/app](https://eprocure.gov.in/eprocure/app)) & Institute website www.iiserpune.ac.in . The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:

<https://eprocure.gov.in/eprocure/app> .

REGISTRATION

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken.
7. The CPP Portal also has user manual with detailed guidelines on enrollment and participation in the online bidding process. Any queries related to process of online bids or queries related to CPP Portal may be directed to the 24x7 CPP Portal Helpdesk.
8. The Institute will not be responsible for any type of technical issue regarding uploading of Tender on website.

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.

2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS formats. Bid documents may be scanned with 100 dpi with black and white option.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Financial Bids can be submitted in PDF format (As per Chapter 5).

The bidder may add rows to include the prices of all components & warranties, installation etc. whichever applicable.
4. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
5. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
6. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
7. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

- i. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- ii. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is **0120-4200462, 0120-4001002, 91-8826246593**.

CHAPTER 1
INVITATION FOR Tender Offers
Indian Institute of Science Education and Research (IISER), Pune invites e-Tender for
Multi-users X-ray Photoelectron Spectroscopy (XPS) Facility

1. The BIDDERS are requested to give detailed tender in two Bids i.e.
 - a. **Part - I: Technical Bid.**
 - b. **Part - II: Commercial Bid.**
2. A Pre-bid conference will be held via video conferencing from IISER Pune, Purchase Section, Dr. Homi Bhaba Road, Pashan, Pune – 411008 on 00-00-2024 from 3:00 PM to 4:00 PM (IST). All prospective bidders are requested to kindly submit their queries and request for video conferencing credentials on email ID purchase@iiserpune.ac.in latest by 00-00-2024 3:00 PM. During the Pre-bid meeting the answers/clarifications to the queries will be made available and also uploaded on our website. No queries will be entertained after the Pre-bid meeting.
3. **The corrections/additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of IISER Pune and all the Prospective Bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents.**

TIME SCHEDULE

Sr.No	Particulars	Date	Time
1	Date of Online Publication/Download of Tender	29/02/2024	18.00Hrs
2	Pre-Bid Meeting	07/03/2024	15.00Hrs
3	Bid Submission Start Date	18/03/2024	18.00Hrs
4	Bid Submission Close Date	29/03/2024	15.00Hrs
5	Closing date & time for Submission of original Tender Fee/EMD	29/03/2024	15.00Hrs
6	Opening of Technical Bids	01/04/2024	14.00Hrs

Supply means: “Supply, Installation, Commissioning and satisfactory demonstration of the whole system and training”. If any charges extra are payable for Installation, Commissioning and training, the same should be specified in the commercial offer.

3. AVAILABILITY OF TENDER:

The tender document can be downloaded from <http://eprocure.gov.in/eprocure/app> and be submitted only through the same website.

Technical Bid:

1. The online envelope clearly marked as “**Technical Bid - Envelope No. 1**” shall contain the all scanned copies of originals documents in PDF Format.
 - a) Scanned copy of Tender Fee Compliance statement/questionnaire of tender terms and conditions as per **Annexure-‘A’**.
 - b) Compliance statement of specifications as per **Annexure- ‘B’**.
 - c) **Bid Security/EMD as per Annexure- ‘C’**.
 - d) Manufacturer authorization as per **Annexure –‘D’**.
 - e) Previous Supply Order List Format as per **Annexure –‘E’**.
 - f) Bidder Information Form as per **Annexure –‘F’**.

- g) Blacklist Certificate as per **Annexure –‘G’**.
- h) Certificate By Bidder- DPIIT Registration as per **Annexure-‘I’**
- i) Self-Declaration by the bidder that the items offered meet the local/Non local content requirement in pursuance of Public Procurement Preference to Make in India, Order 2017 As per **Annexure –‘J’**
- j) BID Security Declaration As per **Annexure-‘K’**
- k) Pre Contract Integrity Pact **Annexure –‘L’**
- l) Solvency certificates (not older than twelve months) issued by Scheduled/Nationalized bank with which BIDDER holds the current account.
- m) Copy of GST/ PAN No. and TIN No. allotted by the concerned authorities. If registered with the National Small Industries Corporation, the registration number, purpose of registration and the validity period of registration and a copy of NISC/MSME registration wherever it is applicable should also be provided in Technical Bid.
- n) Technical literature/ leaflets and complete specifications of quoted model(s) along with commercial terms and conditions.
- o) Undertaking that the successful BIDDER agrees to give a security deposit amounting to 5% of the purchase order value by way of Demand Draft in favor of The Director, IISER Pune.
- p) In case of exemption from submission of Bid security, proof of registration with NSIC/MSME
- q) Details of supplies of similar equipments.
- r) Scanned copy of Tender Fee and it is required to submit the same in original in a sealed envelope at the following address

Assistant Registrar (Stores & Purchase)

Indian Institute of Science Education and Research (IISER), Pune

Dr. Homi Bhabha Road, Pashan, Pune– 411008.

Tel: +91-020-25898017; Email: purchase@iiserpune.ac.in

Website: www.iiserpune.ac.in

TENDER FEE & EARNEST MONEY DEPOSIT DETAILS

- a) **Tender Fee of Rs. 1,180/- (One thousand One Hundred Eighty only)** in the form of Demand Draft from Nationalized/scheduled bank in favor of The Director, IISER Pune. The firm registered with /NSIC/MSME as manufacturer for the supply of the same category of item for which the party is submitting quotation will be exempted from submission of FEE.
- b) **EMD of Rs. 8,00,000/- (Rupees- Eight Lakhs only)** in the form of Bank guarantee (As per format enclosed as ANNEXURE- ‘C’) or Demand Draft of a scheduled bank in the name of Director, IISER, Pune valid for 180 days from the date of opening of the tender.
- c) **EMD and tender fee amount can be deposited in IISER PUNE Bank account through net banking as mentioned below.**

Name-Indian Institute of Science Education and Research Pune.

Bank-State Bank of India

Branch-NCL Campus Branch, PUNE 411008

Current A/c No. 30042605732

IFSC-SBIN0003552

Exemption from submission of EMD (Only for Indigenous Purchases in INR Only):

Bidders registered with any of the following agencies/ bodies as per Public procurement policy for Micro & Small Enterprises (MSE) order 2012 are exempted categories from payment of EMD provided that the registration certificate issued by any one of these below mentioned agencies must be valid as on close date of tender. Micro small or medium enterprises who have applied for registration or renewal of registration with any of these agencies/bodies but have not obtained the valid certificate as on close date of tender are not eligible for exemption.

- 1) Khadi and Village Industries Commission (KVIC)
- 2) National Small Industries Corporation (NSIC)
- 3) Any other body specified by Ministry of MSME/GOI. To avail exemption it is mandatory to upload valid certificate.

d) The firm registered with /NSIC/MSME as manufacturer for the supply of the same category of item for which the party is submitting quotation will be exempted from submission of EMD. Intended parties will have to give proof of registration along with their quotation. EMD of the unsuccessful bidders shall be refunded without any interest at the earliest after finalization of the purchase of concerned item.

- i. The BIDDER who submits the tender on behalf of their principals should produce documentary evidence in support of their authority to quote or submit proforma invoice of their principals. In case the BIDDER is not represented by any Indian Agent the Bank Guarantee valuing US \$ 9648.00 (US Dollars only) should accompany the Technical Bid towards EMD.
- ii. In case of bids in Foreign Currency, the Indian Representative / dealers can submit the EMD in INR to IISER, Pune without any relaxation.
- iii. The Bank Guarantee is insisted due to steep fluctuations in foreign exchange hence the foreign DD's are not accepted towards EMD. Bids submitted without EMD will stand rejected. EMD will not be accepted in the form of cash /cheque. No interest is payable on EMD.
- iv. The EMD will be returned to the BIDDERS(s) whose offer is not accepted by IISER, PUNE within one month from the date of the placing of the final order(s) on the selected BIDDER(s). In case of the BIDDER(s) whose offer is accepted the EMD will be returned on submission of Bank Guarantee as Security Deposit (SD). However, if the return of EMD is delayed for any reason, no interest / penalty shall be payable to the BIDDERS.
- v. The successful BIDDER, on award of contract / order, must send the contract / order acceptance in writing, within 15 days of award of contract / order failing which the EMD will be forfeited.
- vi. The EMD shall be forfeited: In case a successful BIDDER fails to furnish the Security Deposit

4. The technical offer **should not contain any price information.**

5. Specifications:

Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our specifications. At the same time it must be kept in mind that merely

copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. A quotation has to be supported with the printed technical leaflet/literature of the quoted model of the item by the quoting party/manufacturer and the specifications mentioned in the quotation must be reflected /supported by the printed technical leaflet/literature. Therefore the model quoted invariably be highlighted in the leaflet/literature enclosed with the quotation. Non-compliance of the above shall be treated as incomplete/ambiguous and the offer can be ignored without giving an opportunity for clarification/negotiation etc. to the quoting party.

6. Compliance Statements:

- a) Bidders must furnish a Compliance Statement of each and every required Specification of our tender in the format at ANNEXURE–‘B’. The deviations, if any, from the tendered specifications should be clearly brought out in the statement. Technical literature/leaflet showing the compliance of the specification may also be attached with the quotation.
- b) Similarly, the Compliance Statement/questionnaire for Terms & Conditions of the tender may be furnished, as per the enclosed format at Annexure –‘A’, along with quotation (with techno- commercial bid in case of two bid tender system).
- c) The firms are advised to submit both the compliance statements essentially along with their quotation failing which their offer may not be considered.

Envelope 2 : “Commercial Bid” shall contain:

- i. Cost of all the items should be mentioned clearly and individually in the Commercial Offer (Part-II) only.
- ii. The BIDDERS are requested to quote for Educational Institutional Price for Equipment and software, since we are eligible for the same.
- iii. The prices should be shown against each item for the purpose of Insurance claims / replacements if any.
- iv. List of deliverables / Bill of materials and services.
- v. In case of foreign quote, the address of Principal's / Manufacturer's and their Banker's details should be furnished.
- vi. Annual Maintenance Certificate as per **Annexure –‘H’**.

Note:

- (i) No request for extension of due date will be considered under any circumstances.
- (ii) No sub-contracting is allowed with regard to installation, commissioning, training, warranty maintenance and after sales service. This is the sole responsibility of the Principals'/their authorized agents

7. IISER Pune may issue corrigendum to tender documents before due date of Submission of bid. The bidder is required to read the tender documents in conjunction with the corrigendum, if any, issued by IISER Pune. The bidder is not supposed to incorporate the amendment in the body of the tender document

8. BID OPENING

- a) Technical Bids will be opened on 01-04-2024 at 14:00 Hrs.

b) Financial Bids of the eligible bidders will be opened on a later date. The date and time for opening of Financial Bids will be announced later.

c) Bids would be summarily rejected, if tender is submitted other than through online or **original tender fee and EMD are not submitted within stipulated date / time**. IISER Pune shall not be responsible for any postal delay, Tender Fee before Tender closing date.

9. Terms of the Technical Committee

- (i) On the due date the Technical bids will be opened and referred to the Technical Committee which is duly constituted by the Director, IISER, Pune. The committee will go through the technical aspects of the tender and recommend short listed firms. The recommendation of the technical committee is the final and binding on all the parties.
- (ii) The technical evaluation will be an assessment of the Technical Bid. IISER, Pune representatives will proceed through a detailed evaluation of the Technical Bids as defined in **Chapter IV (Schedule of requirements, specifications and allied technical details)**, in order to determine whether they are substantially responsive to the requirements set forth in the tender. In order to reach such a determination, IISER, Pune will examine the information supplied by the BIDDERS, and shall evaluate the same as per the specifications mentioned in this tender.
- (iii) The technical committee may formulate evaluation criteria in addition to the specifications and requirements indicated in the tender, in the interest of IISER, Pune and this criteria/recommendation will also form as a part of short-listing of the firms.
- (iv) The Technical Committee will examine all the Technical aspects of the bids received. Further, the Technical Committee may seek additional information from the existing users at IISER, Pune or from other Institutes and also call for Technical presentations from the BIDDERS if it is required so.
- (v) The information received and the bids already submitted together will be examined with reference to the tendered specifications and evaluation is made by the Technical Committee.
- (vi) After the technical evaluation is completed and approved, IISER, Pune shall inform to the BIDDERS whose bids have been rejected technically with the reasons for rejection on e-Procurement Portal (<https://eprocure.gov.in/eprocure/app>).
- (vii) The successful BIDDERS will be informed regarding the date and time of Commercial bid opening.
- (viii) The purpose of obtaining two bids (technical and commercial) is to evaluate all the firms on technical basis with reference to the tendered specifications, performance of similar Solutions/Applications elsewhere, obtaining users views with reference to the earlier supplies. This will enable the technical committee to arrive at a fair recommendation in the interest of the organization.
- (ix) In the event of seeking any clarification from various BIDDERS by IISER, Pune, the BIDDERS are required to furnish only technical clarifications that are asked for. No amendment to commercial bid will be entertained at that stage. In case if a BIDDER fails to quote for a particular item it amounts to non-compliance and hence such bid will not be considered for further evaluation. Further during this process if any BIDDER indicates

the price during the clarification such bids also will not be considered for further evaluation.

10. Bid Evaluation:

Based on results of the Technical evaluation IISER, Pune evaluates the Commercial Bid of those Bidders who qualify in the Technical evaluation.

- a) IISER Pune shall correct arithmetical errors on the following basis:
 - (i) If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected.
 - (ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - (iii) If there is a discrepancy between words & figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.
- b) Selling exchange rate/equivalent to Indian currency will be as on the date of bid opening in the case of single bidding and the rate on the date of opening of the priced bids in the case of two-part bidding.
- c) **The bids shall be evaluated on the basis of final landing cost as per format given in Price Schedule in case of import / indigenous items.**
- d) The comparison between the indigenous and the foreign offers shall be made on FOR destination basis and CIF/CIP basis respectively. However the CIF/CIP prices quoted by any foreign bidders shall be loaded further as under :
 - Towards customs duty and other statutory levies-as per applicable rates.
 - Towards custom clearance, inland transportation etc. – 2% of the CIF/CIP value.
- e) Where the price quoted on FOB/FCA and CIF/CIP basis are the same, the Contract would be made on CIF/CIP basis only.
- f) The Vague terms like “packing, forwarding, transportation..... etc. extra” without mentioning the specific amount/percentage of these charges will not be accepted. **Such offers shall be treated as incomplete and rejected.**
- g) After arriving at final pricing of individual offers of all the short listed firms, the lowest firm will be awarded with Contract/Purchase Order.

11. The Director, IISER, PUNE reserves the right to accept the offer in full or in parts or reject summarily or partly.

CHAPTER-2: INSTRUCTIONS TO BIDDERS

1. PREPARATION AND SUBMISSION OF OFFERS:

a) Quotation should be submitted directly by the original manufacturer/supplier or its sole authorized distributor/dealer/Indian Agent. In case of bid by authorized dealer/distributor/Indian Agent, the manufacturer authorization should be attached with the technical bid as per Annexure-'D'.

One Indian Agent can participate in a tender on behalf of one manufacturer only. No offer will be entertained if the same Indian Agent is representing another manufacturer for the same item.

b) In case a bidder is not doing business within India, it shall furnish the certificate to the effect that the bidder is or will be represented by an agent in India equipped and able to carry out the supply, maintenance, repair obligations etc. during the warranty and post-warranty period or ensure a mechanism at place for carrying out the supply, maintenance, repair obligations etc. during the warranty and post-warranty period.

c) The bidder shall bear all costs associated with the preparation and submission of its bid irrespective of the conduct or outcome of the bidding process.

d) The bidder should not indulge in any corrupt, fraudulent, collusive, coercive practices during the entire process of procurement and execution of contract/order.

e) Before the deadline for submission of the bid, IISER PUNE reserves the right to modify the bidding document and to extend or not to extend the date of submission. Such amendment/modification will be hosted on e-Procurement portal (<https://eprocure.gov.in/eprocure/app>) or on IISER PUNE website.

f) Conditional tenders will be summarily rejected.

2. Delivery Period / Timeliness:

The deliveries & installation must be completed **within 120 Days** after placement of purchase order/ after opening of LC. The time is the essence of the contract. It is mandatory for the BIDDERS who respond to this bid to meet these expectations, as are tightly linked to IISER, PUNE's plans of completing the project within the time frame.

3. Security Deposit:

- 3.1 **After the award of contract, the vendor shall furnish a Security Deposit amounting to 5% of the purchase order value in the form of Demand Draft/Bank Guarantee (from scheduled Bank only) favoring the Director, Indian Institute of Science Education and Research, Pune.**
- 3.2 The IISER will forfeit the 5% security deposit if vendor fails to execute the order as per the Purchase Order. This Security Deposit will be refunded to the vendor only on successful installation of the EQUIPMENT / SYSTEM.
- 3.3 The Security Deposit should be valid for a period of warranty period as we plan to extend the same as Performance Bank Guarantee.
- 3.4 **Bank Guarantee wherever mentioned in this document may be read as "Bank Guarantee from any Scheduled Bank" only.** Any future change in the rate of performance security will be considered as per government norms

4. **Amalgamation/Acquisition etc.:**

In the event the Manufacturer/Supplier proposes for amalgamation, acquisition or sale of its business to any firm during the contract period, the BUYER/Successor of the Principal Company are liable for execution of the contract and also fulfillment of contractual obligations i.e. supply, installation, commissioning, warranty, maintenance/replacement of spares accessories etc. while submitting your bid, you may confirm this condition.

5. **Bid Validity Period:**

- 5.1. The prices must be valid at least for a period of **180 days** from the date of opening of the Tender. No changes in prices will be acceptable in any condition after opening of tender till the validity of the offer or execution of the order whichever is later
- 5.2. Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

6. AWARD OF CONTRACT:

Award Criteria

- 6.1 IISER, PUNE shall award the contract to the technically qualified eligible BIDDER whose bid has been determined as the lowest evaluated commercial bid.
- 6.2 If more than one BIDDER happens to quote the same lowest price, IISER, PUNE reserves the right to award the contract to more than one BIDDER or any BIDDER.

7. **IISER Pune Right to vary Quantities at the time of Award:**

- 7.1. The IISER Pune reserves the right at the time of Contract award to increase or decrease the quantity of goods and services originally specified in the tender document without any change in unit price or other terms and conditions. Further, at the discretion of the IISER Pune, the quantities in the contract may be enhanced by 25% within the delivery period.
- 7.2. Firms which have already supplied similar equipment to IISER, PUNE and have not completed required installation/commissioning/after sales service/warranty replacements etc. such firms offers will not be considered for further evaluation and no enquiries thereafter will be entertained.

8. **Cargo Consolidation and Customs Clearance:**

IISER, PUNE has appointed its own Freight Forwarder and Custom House Agent for all IISER, imports. Please note that all the consignments have to be routed through their associates only. The address and contact details will be provided at the time of placing the Purchase Order. While submitting your bid, you may confirm this condition.

9. **Fraud and Corruption:**

The IISER Pune requires that bidders, suppliers, contractors and consultants, if any, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy,

(a) The terms set forth below are defined as follows:

- (i) **“Corrupt practice”** means the offering, giving, receiving, or soliciting, directly or in directly, of anything of value to influence the action of a public official in the procurement process or in contract execution;
- (ii) **“Fraudulent practice”** means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
- (iii) **“Collusive practice”** means a scheme or arrangement between two or more bidders, designed to establish bid prices at artificial, noncompetitive levels; and

(iv) **Coercive practice**” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) The IISER Pune will reject a proposal for award if it determines that Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent collusive or coercive practices in competing for the Contract in question

10. **Interpretation of the clauses in the Tender Document / Contract Document**

In case of any ambiguity / dispute in the interpretation of any of the clauses in this Tender Document, **Director, IISER, PUNE's interpretation of the clauses shall be final and binding on all parties.**

CHAPTER - 3 : CONDITIONS OF CONTRACT

1. Prices:

Bid prices should be filled in the appropriate format as mentioned in Price Schedule.

ALL THE BIDDERS SHOULD QUOTE PRICES FOR EACH AND EVERY ITEM SEPERATELY ALONG WITH THE CONSOLIDATED PRICES APPLICABLE FOR BOTH INDIGENOUS AND IMPORTED ITEMS.

For Goods manufactured in India Bidders Quoting in Indian Rupees (INR)

(i) The price of the goods must be as per the BoQ.

(ii) The price criteria should be on F.O.R., IISER PUNE. Govt. Levies like GST, if any, shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, GST, if any.

(iii) The price mentioned in BoQ must be inclusive of transportation, Insurance, loading and unloading and any other local service required for delivering the goods for the desired destination as decided by IISER Pune. Loading and unloading is strictly in vendor scope. IISER Pune will not provide any manpower support towards the same.

(iv) The installation, commissioning and training charges (If any) must be mentioned as per the BoQ (if requested separately in BoQ) else the price quoted will be taken as inclusive of installation, commissioning and training.

(v) The institute will not be responsible in case of the bidders failing to include any of the above mentioned prices in their bid. The price mentioned in the BoQ will be final and the bidder has to comply with that, if awarded the tender.

(vi) Unloading of the goods at IISER Pune is strictly in the scope of the bidder, no manpower will be provided by IISER Pune.

B. for Goods manufactured abroad Bidders Quoting in Foreign Currency.

(i) The mode of shipment must be clearly mention in the BoQ viz Ex-works, FCA, FOB, CIP, DDP etc.

(ii) Courier mode of shipments will not be acceptable. The Shipments must be dispatched under Cargo Mode only.

(iii) Any financial implication leading to change of mode of shipment or any deviation from the bid submitted shall be borne by the bidder.

(v) The charges towards insurance and transportation of the goods and agency commission must be clearly mentioned.

(vi) The installation, commissioning and training charges (If any) must be mentioned as per the BoQ (if requested separately in BoQ) else the price quoted will be taken as inclusive of installation, commissioning and training.

(vii) The institute will not be responsible in case of the bidders failing to include any of the above mentioned prices in their bid. The price mentioned in the BoQ will be final and the bidder has to comply with that, if awarded the tender.

C. IISER Pune is exempted from payment of Customs Duty under notification No.51/96 dated 23.07.1996. No other charges than those mentioned clearly in the quotation will be paid.

D. **Bidders may also bid for High Sea sales.** However, entire documentation process will have to be handled by the Bidder. Any penalties/fine/demurrage levied by the Customs due to delay in paper work will be in the scope of the bidder.

2. **Bank Charges:**

All Bank charges inside India, including opening of LC, to IISER, PUNE Account and outside India to Beneficiary's Account only. In case the BIDDER seeks confirmation of LC such confirmation charges are to the Beneficiary's account. This may please be noted and confirmed.

3. **Agency Commission & Services:**

3.1. The Indian Agency commission payable in Indian currency only after the receipt of consignment in good condition at our Stores and satisfactory installation and commissioning of the ordered equipment.

3.2. In case of foreign quote, the Principal supplier should clearly indicate the address of the Indian Agent and percentage (%) of Agency Commission and taxes if any payable to him. Such amounts will be paid in Indian Currency to the Indian Agent.

3.3. Details of services rendered by you as well as after-sales services offered by you are to be made clear in the tender.

4. **Performance Bank Guarantee:**

The 5% Security Deposit which is mentioned above may be extended as Performance Bank Guarantee for a period of warranty period.

5. **Performance Benchmarks:**

The technical evaluation committee needs to be provided with an evaluation system to carry out performance benchmarks.

6. **Pre-installation:**

The BIDDER has to state in detail the Electrical Power/UPS requirements, floor Space, head room, foundation needed and also to state whether Air-conditioned environment is needed to house the system and to run the tests. i.e. pre-installation facilities required for installation may please be intimated in the technical bid. Subsequently, before the consignment lands in IISER, Pune the BIDDER shall confirm that the pre-installation requirements are sufficient for installation of the equipment. In other words the BIDDER should continuously monitor the pre-installation requirements and see that everything is ready before the consignment is taken to the site for installation.

7. **INSTALLATION:**

7.1 BIDDER shall be responsible for installation / demonstration wherever applicable and for after sales service during the warranty and thereafter.

7.2. Installation demonstration to be arranged by the supplier free of cost and the same is to be done within 15 days of the arrival of the equipment at site.

7.3. After successful installation what will be the minimum down time of equipment/instrument in case of breakdown. If the identified firm or person fails to put the system into working condition what is the further alternative course of action suggested by you to adhere to minimum down time.

8. **INSPECTION:**

- 8.1 The inspection of the system will be done by our technical expert /Scientist in the presence of firm's representative.
- 8.2 In case of receipt of the material in short supply or damaged condition the supplier will have to arrange the supplies/ replacement of goods free of cost pending the settlement of the insurance case wherever applicable on FOR at the IISER. Or CIF basis till satisfactory installation of the system.
- 8.3 The supplier **should arrange for physical inspection of the items directly or through their authorized representative within seven days of arrival of the consignment failing which they will be responsible for the losses.** After the shipment is effected, the supplier/its representative/Indian agents must remain in touch with the lab/instt. to ascertain the date of arrival of consignment.
9. **Training:**
Wherever needed, Our Scientist/Technical persons should be trained by the supplier at the project site free of cost. In case the person is to be trained at supplier's site abroad or in India it should be mentioned in the quotation clearly. The supplier should bear all the expenses for such training including 'to & fro' fares and lodging & boarding charges.
10. **Warranty / Support:**
- 10.1. The items covered by the schedule of requirement shall carry minimum **Three years of comprehensive warranty** from the date of acceptance of the equipment by IISER, PUNE. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours. The comprehensive warranty includes onsite warranty with parts.
- 10.2. The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. This includes cost, insurance, freight, custom duty, octroi, local taxes if any should be borne by the beneficiary or his agent. A clear confirmation should be given for this item.
- 10.3. The warranty on the associated software should cover providing of upgraded version/s, if any, released during the warranty period free of cost.
- 10.4. The BIDDER shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 10 years from the date of supply of equipment on payment on approved price list basis.
- 10.5. The equipment must be supported by a Service Centre in India manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contact the Principal's vendor support Centre on a toll free number/web/mail.
- 10.6. An undertaking from the manufacturer is required in this regard stating that they would facilitate the BIDDER on regular basis with technology / product updates & extend support for the warranty as well.
- 10.7. The vendor will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.

- 10.8. The principal vendor must have a local logistics support by maintaining a local spares depot in the country of deployment of the equipment. This is to ensure immediate delivery of spares parts from Principal Vendor of equipment to its channel partner/system integrator.
- 10.9. Details of onsite warranty, agency who shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance Contract beyond warranty shall be given in the offer. In case of foreign quote, the Indian Agent who shall maintain during warranty and AMC beyond warranty shall be given in the Technical Offer.
- 10.10 **COMMENCEMENT OF WARRANTY PERIOD:**
The warranty period of an item shall commence after receipt of the items in good working condition and from the date of its satisfactory installation/commissioning/demonstration at the project site in IISER,, Pune. The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services.
11. **Reasonability of Prices:**
 - 11.1 Please quote best minimum prices applicable for a premiere Educational and Research Institution,
 - 11.2 The party must give details of identical or similar equipment, if any, supplied to any IITS/IISERS/ CSIR lab/Education Research Institute during last three years along with the final price paid and Performance certificate from them.
12. **Annual Maintenance Contract:**
 - 12.1. The party must mention in the quotation, the rate/amount of annual maintenance charges, if we opt for maintenance contract after expiry of the warranty period. This is mandatory to mention, wherever applicable.
 - 12.2. No sub-contracting will be allowed for installation or maintaining system/ equipment / instrument during or after warranty period.
13. **Indemnity:**
The vendor shall indemnify, protect and save IISER, PUNE against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the equipments supplied by him.
14. **Freight & Insurance:**
 - 14.1. Imports: In case of imports the freight & insurance will be paid by IISER, PUNE, as the consignments are shipped through the IISER, PUNE nominated freight forwarder (applicable only cases of FCA/FOB shipments).
 - 14.2. Indigenous : The equipments to be supplied will be insured by the vendor against all risks of loss or damage from the date of shipment till such time it is delivered at IISER, PUNE site in case of Rupee transaction.
15. **Payment:** - **No advance payments are allowed under any circumstances.**
 - A) INDIGENIOUS

Payment will be made directly to the suppliers by RTGS/NEFT after receipt of the goods, tested /inspected and found satisfactory with regard to quality, quantity, and specifications ordered for and after satisfying that the terms and conditions of supply have been fulfilled.

OR

Inland Letter of Credit will be established for 100% order value, 90% payment shall be made by a, against the presentation of original Shipping documents. Balance 5% will be released after completion of satisfactory installation, commissioning, demonstration of the whole system, after imparting training and upon receipt of Bank Guarantee for 5% of total Order value towards performance security to be valid for till warranty period from the date of installation.

B) IMPORT

Letter of Credit will be established for 100% order value excluding the Agency Commission due to the Indian Agents, 90% payment shall be made by a, against the presentation of original Shipping documents. Balance 5% will be released after completion of satisfactory installation, commissioning, demonstration of the whole system, after imparting training and upon receipt of Bank Guarantee for 5% of total Order value towards performance security to be valid for till warranty period from the date of installation.

OR

By Wire Transfer for 100% of the Purchase Order value on receipt of goods and completion of satisfactory installation, commissioning, demonstration of the whole system, after imparting training and on submission of 5% Security Deposit/PBG valid till warranty period.

The payment of local currency portion shall be payable in Indian Rupees, within 30 days after the receipt of the equipment in good condition and after satisfactory installation and commissioning and demonstration.

The Agency Commission to the Indian Agent will be paid in INR only after successful installation, commissioning and satisfactory demonstration and acceptance of the items ordered for by the end user.

16. **Penalty for delayed Services / LD:**

- 16.1. As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to. If vendor fails to deliver the item IISER will forfeit EMD/ SD.
- 16.2. If the supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 0.5 of order value per every week of delay subject to a maximum of 5% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier.
- 16.3. IISER, PUNE reserves the right to cancel the order in case the delay is more than 10 weeks. Penalties, if any, will be deducted from the Security Deposit.

17. **Jurisdiction:**

The disputes, legal matters, court matters, if any, shall be subject to Pune Jurisdiction only.

18. **Comparison of Bids**

The Purchaser shall compare all substantially responsive bids to determine the lowest evaluated bid.

19. Public Procurement (Preference to Make in India), Order 2017:

This Institute is following and abide with the Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E.II dated 15th June 2017 and 4th June, 2020 and subsequent amendments to the order. Accordingly, preference will be given to the Make in India products while evaluating the bids, however, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order in the technical bid itself.

a) IISER Pune shall compare all substantially responsive bids to determine the lowest valuated bid. This Institute is following and abide with the Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E.II dated 15th June 2017 and its subsequent amendments. Accordingly preference will be given to the Make in India products while evaluating the bids, however, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order in the technical bid itself.

b) As per the above order and its subsequent amendments "Local Content" means the amount of value added in India which shall be value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all the custom duties) as a proportion of the total value, in percent. Accordingly the suppliers will be classified in following categories.

- i) Class I local Supplier – has local content equal to more than 50%
- ii) Class II local Supplier – has local content more than 20% but less than 50%
- iii) Non –Local Supplier – has local content less than or equal to 20%

C) Verification of Local Content: The Class I Local Supplier /Class II Local Supplier/Non-Local Supplier at the time of bidding shall be required to indicate the percentage of local content and provide self-certification that the items offered meet the local content requirement. The details of the location(s) at which the local value addition is made also needs to be specified.

In case of procurement in excess of Rs.10 crores, the suppliers shall be required to provide the certificate from the statutory auditor or cost auditor of the company giving the percentage of local content.

The bidders can be debarred for a period up to two years as, per Rule 151(iii) of GFR 2017, in case of false declaration.

20. Requirement of registration: Vide Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020.

i. Any bidder from a country sharing a land border with India will be eligible to bid in this tender only if the bidder is registered with the Department for Promotion of Industry and Internal Trade (DPIIT).

ii. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

iii. "Bidder from a country which shares a land border with India" for the purpose of this Order means:

- a) An entity incorporated, established or registered in such a country; or
- b) A subsidiary of an entity incorporated, established or registered in such a country; or
- c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d) An entity whose beneficial owner is situated in such a country; or

- e) An Indian (or other) agent of such an entity; or
- f) A natural person who is a citizen of such a country; or
- g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

For details about registration procedures please visit the above mentioned OM. Mandatory documentary evidence regarding the bidder's registration with DPIIT is to be submitted along with the tender, failing which the tender shall be liable for rejection. Bidders are also requested to submit the Model Certificates as per Annexure-'I' for this tender as mentioned in the Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020.

21. **Force Majeure:**

The Supplier shall not be liable for forfeiture of its performance bank guarantee, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the IISER Pune either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify the IISER Pune in writing of such conditions and the cause thereof. Unless otherwise directed by the IISER Pune in writing, the Supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

22. **Fall clause:**

The commercial offer shall in no way exceed the lowest price at which the contractor sells the stores of identical description to any other person/organization during the currency of the contract

23. **Dispute Settlement:**

IISER Pune and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the IISER Pune or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

The dispute settlement mechanism/arbitration proceedings shall be concluded as under:

- (a) In case of Dispute or difference arising between the IISER Pune and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director IISER Pune, if he is unable/ unwilling to act, to the sole arbitration of some other person

appointed by his willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.

- (b) In the case of a dispute between the Purchase and a Foreign supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.

The venue of the arbitration shall be the place from where the purchase order or contract is issued.

Assistant Registrar (S&P)

CHAPTER 4
SCHEDULE OF REQUIREMENTS, SPECIFICATIONS & ALLIED TECHNICAL DETAILS

Multi-users X-ray Photoelectron Spectroscopy (XPS) Facility

We are looking for multi-users XPS facility which will be handled by multiple users and hence it should be rugged and easy to use. XPS system should have options for various future upgradations. The vendor must have previously installed and maintained similar XPS equipment in Institutes of Ministry of Education, Govt. of India (IITs, IISERs, IISc, NITs) or CSIR Labs or DST Institutes.

	Specifications	Score
1	Analysis Chamber: Analysis Chamber is an UHV mu-metal chamber (magnetic field 0.5 μT), with flanges in different sizes for connecting current and future components, with complete set of blank flanges and following ports: DN 160CF – turbo molecular pump, UHV manipulator, ion pump; DN 100CF – Electron Energy Analyser, X-ray Monochromator with X-ray source, LEED optics; DN 63CF – viewports, transfer system, spare; DN 40CF – dual anode X-ray source, UV source, ion source, flood source, electron source, ion source, camera, spare. Up to 25 ports. Set of lead viewports for sample observation that protect against radiation (3 Nos of 63CF similar size). UHV gate valve (manual, VAT make) on DN 63CF between Analysis chamber and load lock/preparation chamber. Pumping System: Base pressure in range of 5×10^{-10} mbar is guaranteed after at least 48h of bake out at 150°C (further lower pressure options should be made by adding suitable pumps). Ion pump (400 l/s) - with power supply, heater kit and tent. Titanium sublimation pump with power supply and cable. Pumping chamber with LN2 shield. Bayard-Alpert gauge for UHV (1×10^{-11} – 1×10^{-3} mbar) with 7.5 m bake able cable (up to 180°C). Vacuum gauge controller (for 1xBA gauge, 4x 0-10V gauges). Main Frame: Adjustable rigid steel frame for the system with mounting plate sandwich design (steel, isolating plate and stainless steel mounting plate) and large wheels for easy placement of the system. Air and water distribution system included. Bake out set: Bake out timer and temperature regulator for 1 baking zone (baking temperature up to 150°C) with sensor break protection, heaters with temperature resistant fan. Rigid removable bake out frames with flexible bake out tents. Additional protection should be installed in the bake out zone in case of thermocouple failure. 19" cabinet for all electronics units: The electrical connection is protected by a main switch and an emergency stop. The single-phase sub-distributions are individually hedged. All connection cables should be included – 2 Sets. Water Chiller with suitable capacity for this spectroscopy system. LED illumination system for chamber interior illumination. Manipulator: Four-axis UHV Manipulator with heating and LN2 cooling for Sample Holders. XY-Motion module – manual (motorization possible at any time). XY-motion module with +/- 12.5 mm stroke mounted on DN 160CF flange. XY-Motion Specifications: Resolution: 5 μm manual / 1 μm when motorized. Z-Motion module – manual (motorization possible at any time) Z-motion module with 75 mm stroke. Z-Motion Specifications: Resolution: 50 μm manual / 10 μm when motorized. Rotation module: R1 – theta rotation, ± 180-degree max (around Z-axis) – manual (motorization possible at any time). R1-Motion Specification: Resolution: 1-degree manual / 0.1-degree when motorized. Sample receiving station with heating and liquid nitrogen (LN2) cooling facility for Sample Holders. Sample receiving station with heating and thermal measurement complete electrical and mechanical feedthroughs and connections for (thermocouple, 2 BNC for sample potential up to 500 V (drain current measurement), 2 pcs. for heating up to 15A. Thermocouple type K readout directly from the sample holder. Heating Specification: Resistive heating up to 1000°C (possibility of upgradation of electron-beam heating offering 1200°C temperature should be included). LN2 cooling module with connection tubing (non-freezing) connected to the liquid nitrogen reservoir which is directly connected to the sample mounting plate via a sapphire ball. All motions should be possible during cooling and heating. Min. temp.	25

	with LN2: -170°C. Sample Heating Power Supply with cables: This is used for sample resistive heating (45V, 17A). The unit should be equipped with in-built PID temperature controller. Ramp power heating which protects the heater from overheating the sample. The unit possible to be operated in auto mode (with temperature control) or manual mode (with current control). Sample holder: This should have indirect (resistive) sample heating up to 1000°C and cooling to -170°C. The sample mounting table should be made of molybdenum. Standard sample holder with BIAS: Standard sample holder without heating/cooling possibility. Isolated Ti mounting table allows for BIAS current measurement or applying voltage to the sample. Should include 3 numbers of regular sample holders, 2 numbers of sample holder with bias, and 2 sample holders with heating and cooling. UV-Source: ultraviolet photoelectron spectroscopy (UPS) measurement. The high intensity UV Source that can be operated with various discharge gases such as helium, neon, krypton, argon, xenon or hydrogen. Should include UV source: Photon Current: 1-80nA; Photon Flux: $> 10^{16}$ photons / s*sr; HeI/HeI ratio: Better than 1:3; Small Beam Divergence:<1 Deg; necessary water cooling, Power supply, two stage pumping system for UV source and/or differentially pumped system (TMP 67l/s N2 and Edwards Fore vacuum pump 15 m3/hr), vacuum gauges and gas doing system. Flood Source: This is for charge neutralization of positively charged insulator or semiconductor samples as well as investigation of electron dose induced modifications in samples. Specification: Energy range: 0.01-10 eV and 10-500 eV. A complete package of electron dose measurement unit with complete package of controller electronics and power supply unit.	
2	Electron Energy Analyser: Electron Energy Analyser with MCP-CCD should have full facility for regular XPS (X-ray photoelectron spectroscopy)/ UPS (Ultraviolet photoelectron spectroscopy)/ ARPES (Angle-resolved photoelectron spectroscopy)/ ISS (Ion scattering spectroscopy)/ AES (Auger electron spectroscopy) measurements. The Analyser package should include: Hemispherical energy analyser, Highly-stable and low noise electronics, Acquisition and analyser control software for Windows OS and all-in-one, preferably HP, desktop computer with high-data storage capacity ca. 1 TB and large screen size. The analyser should be wrapped in a shield of two mu-metal plates guaranteeing adequate analysis conditions for XPS/UPS measurements. Should be equipped with a total number of 11 slits fully motorized and controlled by software, the analyser should offer the possibility to choose between best energy resolution and best intensity. XPS/UPS Characteristics: Analyser mean radius is minimum 150 mm, even higher is better. Pass energies: 20, 50, 100, 200 eV. Energy resolution: <20 meV FWHM. Kinetic energy range: 0.5-3000 eV. Acquisition modes: Fixed, Scan. Transmission lens mode. Lens acceptance angle (transmission mode): ± 15-degree. Lens system adjustment should be possible under UHV conditions. Working distance: ≥ 40 mm or as suitable. IRIS aperture (from 1 mm to 30 mm or as suitable) with motorized slit drive. Mounting flange: DN 100 CF or as suitable. Bake able up to 150 °C. Completely designed of non-magnetic materials. Possibility of exchanging detectors without dismounting the analyser. Feedthroughs on the analyser marked with dedicated colour corresponding with electronics to prevent mistakes during installation or operation of the analyser. MCP-CCD Detector: Maximum energy window in fixed mode: ca. 12.5% of pass energy. Minimum 40 mm diameter dual MCP detector. Minimum 640 energy channels available simultaneously. Minimum 480 angular/spatial channels available simultaneously. Minimum 90 fps. Total noise counts for all energy channels <2 cps. Average noise per channel <0.01 cps. Electronics Characteristics: Should be ready for operation in ca. 3 min. Temperature stability: < 0.5 ppm/degree C. Noise: < 400 μV at 100 V Low Energy Range. Drift: < 20 ppm/year (typical 10 ppm/year). Electric isolation: 6 kV. Min. step size HV 100: 1.6 mV. Min. step size DAC: 200 μV. DAC Bits: 16. Communication: Modbus TCP (Ethernet). Independent calibrated modules. There should be no need to switch cables when working in different modes (XPS/UPS/ARPES/ISS/AES) Software: A progressive and optimized software tool in regard of handling and a very	35

	intuitive graphical interface. User defined and enabled measurements right from the main application interface. Sequence and region view should be offered in form of a tree with the possibility of easy adding, deleting, copying and saving. Simple signal control of sequences' states with the help of status icons in sequence tree. Should be possible to create complex recipes that can be reused as user macros. The software should offer the possibility to define single independent regions as well as grouping them in sequences. Also lodging sequences in major sequences is supported. The ability to create recipes including components, e.g. sources, manipulators, equipment of the pumping system, etc., if the appropriate option is purchased. Measurements should be made possible in Fixed and Scan mode and in both cases while processing, measurement tools and FWHM display should be available. In addition, a histogram graph of the 2D detector image and the possibility to filter a chosen intensity range are at user's disposal. Intensity graph should be shown along geometry axis. Should be possible to control the analyser, sources and manipulator from one software. Software should be based on Tango-Controls technology so new equipment can be easily added to the system and used during the process of the automatic data acquisition. That means vacuum measurement and pumping, bake out or other equipment control can be purchased in the future and added to the software. Easy future upgrades possible. XPS/UPS/ISS/AES/ARPES data should be possible to be loaded in software like: CASA XPS, Igor or Orgin etc. The software should have a macro to convert and open specifically XPS/UPS data in CASA XPS software, directly. Additionally, the XPS mapping and imaging possible to be presented in CASA XPS, too. Possibility of future upgradation of Fermi surface mapping in ARPES measurements. Laser pointer mounted on the optical axis of the analyser, showing it on the holder surface. Complete licenced package of CasaXPS software. Monitor with CCD Camera for observation of the sample.	
4	X-ray Source: Dual Anode Monochromatic X-ray Source The X-ray source with monochromator should provide high-intensity and excellent energy resolution source based on ellipsoidal quartz crystal. Crystal area: 200 mm x 100 mm. Rowland circle diameter: Minimum 500 mm. X-ray source anodes: dual anode Al/Ag (standard). Voltage: up to 15 kV. Power: Al: 200 W (focusing mode) and 450 W (non-focusing mode). Power: Ag: 300 W (focusing mode) and 600 W (non-focusing mode). Bake out temperature: up to 150°C. X-ray Emission Controller with cables: Supply voltage: 100 V – 240 V AC; 50/60 Hz; Emission current: 0 – 50 mA; accuracy 0.1 mA. Anode high voltage (UHV): 0.5 – 15 kV; accuracy 0.1 kV. Cathode current: output 1: 2.5 A output 2: up to 6 A in operate mode. Anode power limit: 750 W. Emission current ramp: 0.1 – 50 mA/sec. High voltage ramp: 1-1000 V/sec. Interlocks: master; 2 X-ray cover; high-vacuum; cooling water; remote Communication interface: Industrial RS232/485; Ethernet. High-Voltage power supply with cables, complete set. Isolation Unit with flow meter and cable, complete set. By pass from X-ray source to the chamber.	10
5	Load Lock Chamber: The Load Lock chamber mechanism is for loading sample holders into the load lock chamber, connected to the UHV system. Guaranteed base pressure in range of ca. 1×10^{-9} mbar after bake out at 150°C. Complete set of blank flanges, 2 viewports. Includes Plexiglas storage container for load lock cover and hand gripper for sample holder, etc. should be included. Pumping system for load lock: HiPace 300 turbo molecular pump, nXDSi5i Edwards fore vacuum dry pump, Automatic safety valve and vent valve, tubing and wiring. Electronic microprocessor device to control pumping system (fore vacuum pumps, UHV pumps, valves and vacuum gauges). Unit includes several interlocks to protect the vacuum system during power failure or in the case of breakdown of its components. Unit will be used also as a vacuum gauge controller. Pressure measurement for load Lock: Pirani gauge (5×10^{-4} mbar – 1 atm) with cable for fore vacuum. Halogen heating for load lock chamber.	10
3	Transfer System: Linear transfer for transferring the sample holders from Load Lock Chamber to main Analysis Chamber should be included. Appropriate length should be offered so as to	5

	add in future two level preparation chamber or buffer chamber or radial distribution chamber (RDC) in future.	
6	Important Notes: Suitable Gate valves exclusively from VAT or reputed source for the various UHV connections and wherever required. Preferably HiPace/ Pfeiffer/ Edward/ Leybold TMPs and fore-vacuum/scroll Pumps; Agilent Ion-Pumps; and standard TSP. Necessary interlocks and safety system should be included during power failure etc. Necessary spare-parts for at least two-years (for examples UHV parts, fore vacuum pipes/tubes, water pipes/tubes, electrical wires/cables, welding wires, etc.) Standard Tool-set box. On-site demonstration and training and standard warranty of three years. All manuals should be in English both soft copy and hard copy should be supplied. If necessary TMPS can be moved around and shared between Main analysis chamber, Load lock and differential and suitable vacuum lines and bypasses can be created as per technical instrument requirement. A simulated drawing footprint of the whole system is desirable.	15
	Optional Items	
1	Low-Energy Electron Diffraction (LEED): Attachment of a complete set of LEED-Auger optics with controller and power supply unit; with 4 grid RFA analyzer (81% transmission) integral miniature electron gun, Beam Energy: 5eV – 750 eV for LEED and 5-3000 eV for AES; Beam Current: LEED 2 μA and 0.5mm beam size, AES up to 100 μA at 3kev; Beam Size: from 1mm – 250 μm adjusted by voltage; double focusing mode; Electron Source: Thoriated Tungsten or (preferably Single crystal LaB6); and Energy Spread: approx. 0.45 eV. Mounting flange: 8" (CF150) double sided conflate flange. Configuration should be: LEED Optics with integral electron gun on 8" flange – 4 grids. Linear motion. Integral shutter. Digital power supply with voltage range 0-3keV. Digital AES Controller with ramp voltage, sinewave oscillator, lock-in and AES software. LEED imaging software with CCD camera Full version. LEED imaging software with CCD camera basic version.	
2	Ion Source: Two-lens, extractor type, focused and scan-able (approx. 10mmx10mm) ion source suitable for depth profiling with Ar, enables operation with reactive gases like O₂, H₂, hydrocarbons and all noble gases; integrated scan and deflection unit; Beam energy: up to 5000eV; variable micron-size beam spot; suitable for depth profiling in XPS, ISS and SIMS in addition to sample surface cleaning; and Complete set of a differential pumping stage (preferably common with the UV source).	

All the specifications claimed by the vendors should be supported with adequate documents (such as specification chart of the instrument published in the website). Please offer CIP Mumbai Price. Minimum score for qualification: 85 and above Score

CHAPTER-5 PRICE SCHEDULE

The Bill of materials must be included in the technical offer as well as commercial offer. **However the Technical offer should not contain any price information.**

ALL THE BIDDERS SHOULD QUOTE THEIR OFFER IN FOLLOWING FORMAT FOR UNIFORMITY

PRICE SCHEDULE FOR GOODS - FOREIGN CURRENCY

Name of the Bidder _____

Tender No. _____

1	2	3	4	5	6		7		8		9
SI No	Item Description	HSN Code	Unit	Qty	Unit Price		Total price		Charges for Insurance & transportation to port/ place of destination		Total Price
					FOB (named port of shipment)	FCA (named place of delivery)	FOB (named port of shipment)	FCA (named place of delivery)	Ocean	Air	CIF
1											
2											
3											

Total Bid price in foreign Currency _____ in words.

Signature of Bidder :

Name :

Business Address :

Note:

The Bidder may add rows as per requirement to include the prices of all Components/Parts, Warranties, Installation etc. whichever applicable.

- (a) Indian agents name & address _____
- (b) Installation, commissioning & training charges, if any _____
- (c) Cost of Spares _____
- (d) The Indian agent's commission shall paid in Indian Rupees only based on the Exchange Rate prevailing on the date of negotiation of documents.
- (e) The cost of optional items shall be indicated separately.

PRICE SCHEDULE FOR GOODS –INR

Name of the Bidder _____

Tender No. _____

1	2	3	4	5	6	7	8	9	10	11	12
Sl. No.	Item Description	Country of Origin	Qty	Unit	Ex-Works. Ex-Warehouse, Ex-show room off the shelf price (inclusive of tax already paid)	Total price Ex-Works. Ex-Warehouse, Ex-show room off the shelf price (inclusive of tax already paid) 4x6	GST payable, if contract is awarded	Packing & forwarding up to station of dispatch, if any	Charges of inland transportation, insurance up to Institute	Installation, Commissioning & training charges, If any.	Gross Total(FOR)
1											
2											
3											

Total Bid price in _____ in words.

Signature of Bidder :

Name :

Note:

The cost of optional items shall be indicated separately.

The bidder may add rows to include the prices of all components & warranties, installation etc. whichever applicable.

(a)Cost of spares _____

(b)Warranty if being charged include in BoQ

FORMAT/QUESTIONNAIR FOR COMPLIANCE OF TERMS AND CONDITIONS

Tender No.: _____

Due Date _____

NOTE:

1. Quotation will not be considered without submission of this format.
2. If a particular question is not at all applicable please write NA in compliance part in Col. No. 4 below.
3. Kindly see the relevant terms & conditions of the tender document in each question before replying to the questions mentioned in Col. 2 below).

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No')	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
1	2	3	4
1	a.) Whether quotation is direct from Principal supplier/manufacturer or their own office in India (Please specify)		
	b) Whether quotation is being submitted by Indian Agent/authorized distributor/ dealer		
	c) Whether the agent is registered with NSIC/MSME		
2	Whether techno-commercial Bid contains, technical literature/leaflets, detailed specifications & commercial terms & conditions etc. as applicable.		

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No'))	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
3	a) Whether the required Scanned copy of Tender Fee is being submitted with the quotation		
	b) Please specify the form of tender fee whether in the form of DD/NEFT		
4	a. If the prices are on Ex-Works basis or FOB (names port of shipment) or FCA (named place of delivery abroad)		
	b. Whether specific amounts or percentage of expenses like packing, forwarding, handling, freight, insurance, documentation etc. have been mentioned in quotation separately in clear terms.		
5	a) Whether prevailing rates of sales tax, excise duty & other govt. levies (for indigenous supplies) have been given in quotation		
6	Have you mentioned the validity period of the quotation as per our requirements		

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No'))	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
7	a) Whether the Price reasonability Certificate is submitted with quotation		
	b) Whether copies of last two supply orders of the same item from other customers have been attached with the quotation		
8	Whether rates/amount of AMC after the warranty period is over has been mentioned		
9	Have you gone through the specification Clause & complied with the same		
10	Whether the Make/Brand, Model number and name of manufacturer has been mentioned in the quotation and Printed technical literature/ leaflets of quoted items have been submitted		
11	Whether compliance statement of specifications has been attached with the quotation.		
12	a) Whether the delivery period for supply of the items has been mentioned		
	b) Whether mode of delivery & tentative size & weight of the consignment has also been indicated		

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No'))	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
13	Do you agree to the submission of Performance Bank Guarantee and have you mentioned in your quotation about this.		
14	a) Do you agree with the payment terms for indigenous supplies?		No deviation permitted
	b) Do you agree with the payment terms for imports supplies?		
15	Do you agree about the date of commencement of warranty period & its extension is necessary.		
16	a) Who will install/commission and demonstrate the equipment at IISER Pune, FREE OF COST.		
	b) Will you be able to do it within a month		
17	Have you mentioned the guarantee/warranty period in your quotation and do you agree with guarantee clause?		
18	Spare parts		
19	After Sales service		
	a) Do you agree that on receipt of material in damaged condition or short supply you will replace the same on CIF basis, free of cost pending the settlement of the insurance claim?		

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' preferably use different colour ink for 'No')	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
20	b) Do you agree with the clause of physical inspection?		
21	Whether list of specific user's for the same item & model as quoted along-with performance certificates from the users is submitted with offer		
22	Whether you agree to the penalty clause for late delivery & installation?		
23	Whether training to our scientist/technical person will be given free of cost . If yes, have you specified in quotation whether it will be in our lab? Or at supplier's site in India or abroad.		
24	a) Whether all the pages have been page numbered?		
	b) Whether quotation has been signed and designation & name of signatory mentioned.		

FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS

S. N.	Name of specifications/ part / Accessories of tender enquiry	Specifications of Model/Item	quoted Compliance Whether "YES" Or "NO"	Deviation, if any, to be indicated in unambiguous terms	Whether the compliance / deviation is clearly mentioned in technical leaflet/ literature
1	2	3	4	5	6

BID SECURITY FORM

Whereas (Hereinafter called “the tenderer”) has submitted their offer dated for the supply of (Hereinafter called “the tender”) against the purchaser’s tender enquiry No. _____

KNOW ALL MEN by these presents that WE (Name of bank) of (Name of country), having our registered office at (Address of bank) (Hereinafter called the “Bank”), are bound unto (Name of purchaser) (Hereinafter called “the purchaser”) in the sum of for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this day of 20.....

THE CONDITIONS OF THESE OBLIGATIONS ARE:

- 1.** If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- 2.** If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity.
- 3.** If the tenderer fails to furnish the Performance Security for the due Performance of the contract.
- 4.** Fails or refuses to accept/execute the contract.

WE undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchase will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

The guarantee shall remain in force up to and including forty five (45) days after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

.....
(Signature of the authorized officer of the Bank)
Name and Designation of the Officer
 Seal, Name & Address of the Bank and
 address of the branch

MANUFACTURER'S AUTHORIZATION FORM

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that re binding on the Manufacturer]

Date: [Insert date (as Day, month and year) of Bid submission]

Tender No.: [Insert number from Invitation for Bids]

To: [Insert complete name and address of Purchaser]

WHEREAS

We [insert completer name of Manufacturer], who are official manufacturers of [Insert type of goods manufactured] having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following goods, manufactured by us [insert name and or brief description of the goods], and to subsequently negotiate and sign the contract.

We hereby extend our full guarantee and warranty in accordance with the Terms and Conditions of Contract with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of authorized representative(s) of the Manufacturer]

Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

Dated on _____ day of _____ [insert date of signing]

PREVIOUS SUPPLY ORDERS FORMAT

Name of the Firm _____

Order placed by {Full address of Purchaser}	Order No. and Date	Description and quantity of ordered equipment	Value of order	Date of completion of delivery as per contract	Date of actual completion of delivery	Remarks indicating reasons for late delivery, if any and justification for price difference of their supply order & those quoted to us.	Has the equipment been installed satisfactorily?	Contact Person along with Telephone no., Fax no. and e- mail address.

Note: Purchase orders (preferably from the Govt. organizations) for whom similar supply has been made by the bidder in last three years.

Signature and Seal of the Manufacturer/ bidder

Place:

Date:

BIDDER INFORMATION FORM

Company Name : _____
 Registration Number : _____
 Registered Address : _____

 Name of Partners /Director : _____

 City : _____
 Postal Code : _____
 Company's Establishment Year : _____
 Company's Nature of Business : _____

Company's Legal Status (tick on appropriate option)

- 1) Limited Company
- 2) Undertaking
- 3) Joint Venture
- 4) Partnership
- 5) Others

Company Category

- 1) Micro Unit as per MSME
- 2) Small Unit as per MSME
- 3) Medium Unit as per MSME
- 4) Ancillary Unit
- 5) SSI
- 6) Others

CONTACT DETAILS

Contact Name : _____
 Email Id : _____
 Designation : _____
 Phone No : (_____) _____
 Mobile No : _____

BANK DETAILS

Name of Beneficiary : _____
 A/c. No. CC/CD/SB/OD: _____
 Name of Bank : _____
 IFSC NO. (Bank) : _____

Enclose scan copy of cancelled Cheque.

Branch Address and Branch Code: _____

Other Details

Vendor's PAN No. _____

Vendor's GST No: _____

CERTIFICATE
(to be provided on letter head of the firm)

I hereby certify that the above firm neither blacklisted by any Central/State Government/Public Undertaking/Institute nor is any criminal case registered / pending against the firm or its owner / partners anywhere in India.

I also certify that the above information is true and correct in any every respect and in any case at a later date it is found that any details provided above are incorrect, any contract given to the above firm may be summarily terminated and the firm blacklisted.

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:

Annual Maintenance Contract

We hereby certify that the Annual Maintenance Contract for the equipment, after expiry of warranty period will be charged as follows:

For Comprehensive AMC

- 1) 1st year ____ % of the equipment value
- 2) 2nd year ____ % of the equipment value
- 3) 3rd year ____ % of the equipment value.

For Non - Comprehensive AMC

- 1) 1st year ____ % of the equipment value
- 2) 2nd year ____ % of the equipment value
- 3) 3rd year ____ % of the equipment value.

We also certify that the spares for the equipment will be available for the equipment for ____ years.

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:

**CERTIFICATE
ON COMPANY LETTERHEAD**

CERTIFICATE BY BIDDER- DPIIT REGISTRATION

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, / if from such a country, has been registered with the Competent Authority (copy of the Registration Certificate enclosed) . I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered.

Signature with Date and Stamp
Of the Bidder

**DECLARATION OF LOCAL CONTENT
AND AVAILABILITY/COMPLIANCE OF EQUIPMENT**

(To be given on company’s letter head - For equipment value below Rs.10 crores)
(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for equipment value above Rs.10 crores)

Date: _____

To,
The Director
Indian Institute of Science Education and Research Pune
Dr.Homi Bhabha Road, Pashan
Pune-411008

Sub: Declaration of Local content and availability/compliance of equipment

Item No.	Name of equipment	Currency (must be INR)	Local content %	Country of Origin	Comply/capable to provide (yes/no)
1					
2					
3					
4					

“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.

*“*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,
(Signature of the Bidder, with Official Seal)**

BID SECURITY DECLARATION

(On company letter head)

To,
The Director
Indian Institute of Science Education and Research Pune.
Dr. Homi Bhabha Road, Pashan,
Pune-411008

Subject : Bid Security Declaration

It has been certified that all information provided in tender form is true and correct to the best of my knowledge and belief. No forged / tampered document(s) are produced with tender form for gaining unlawful advantage. We understand that IISER, Pune is authorized to make enquiry to establish the facts claimed and obtain confidential reports from clients.

In case it is established that any information provided by us is false / misleading or in the circumstances where it is found that we have made any wrong claims, we are liable for forfeiture of EMD/SD and or any penal action and other damages including withdrawal of all work / purchase orders being executed by us. Further IISER, Pune is also authorized to blacklist our firm/company/agency and debar us in participating in any tender/bid in future.

I / We assure the Institute that neither I / We nor any of my / our workers will do any act/s which are improper / illegal during the execution in case the tender is awarded to us.

Neither I / We nor anybody on my / our behalf will indulge in any corrupt activities / practices in my / our dealing with the Institute.

Our Firm/ Company/ Agency is not been blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute or Any other Govt. Organization.

I/We are accepting that if we withdraw or modify our bids during period of validity etc., we will be suspended for the period of six months to participate in any tender issued by IISER Pune.

Date:

Signature of theTenderer

Place:

Stamp

PRE CONTRACT INTEGRITY PACT

The specimen of the Pre-Contract Integrity Pact which is part of tender documents is as follows:-

INTEGRITY PACT

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on ____ day of the month _____ 2023 between the Indian Institute of Science Education & Research, Dr. Homi Bhabha Road, Pune-411008 (herein after referred to as 'BUYER'), which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part and M/s _____ represented by Shri _____ Chief Executive Officer (hereinafter called the "BIDDER / Seller", which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

Whereas the BUYER proposes to procure Supply, Installation & Commissioning of _____ and the BIDDER / Seller is willing to offer / has offered the stores and

Whereas the BIDDER is a private company/public company/partnership/ registered

export agency, constituted in accordance with the relevant law in the matter and

the BUYER is a Department of the Government of India under Ministry of Human Resources performing functions on behalf of the President of India.

Now, therefore,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/unprejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:

Enabling the BUYER to obtain the desired said stores/equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption in any form by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Commitments of the BUYER

- 1.1 The BUYER undertakes that no official of the BUYER, connected directly or Indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage

from the BIDDER either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the Contract.

- 1.2 The BUYER will, during the pre-contract stage, treat all Bidders alike, and will provide to all Bidders the same information and will not provide any such information to any particular Bidder which could afford an advantage to that particular Bidder in comparison to other Bidders.
- 1.3 All the officials of the BUYER will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

In case any such preceding misconduct on the part of such official (s) is reported by the Bidder to the BUYER, with full and verifiable facts and the same is prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

Commitments of BIDDER

2. The BIDDER commits himself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commits himself to the following:
 - 2.1 The BIDDER will not offer, directly or through intermediaries, any bribe, Consideration, gift, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the Contract.
 - 2.2 The BIDDER further undertakes that he has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the Contract or any other Contract with the BUYER for showing or forbearing to show favour or disfavour to any person in relation to the Contract or any other Contract with respect to the BUYER's Organisation.
 - 2.3 BIDDERS shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.
 - 2.4 BIDDERS shall disclose the payments to be made by them to agents/brokers on any other intermediary, in connection with this bid/contract.
 - 2.5 The BIDDERS further confirms and declares to the BUYER that the BIDDER is the original manufacturer/ integrator/ authorized Govt. sponsored Export entity of the stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER, or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER; nor has any amount been paid, promised or intended to be paid to any such individual, firm or Company in respect of any such intercession, facilitation or recommendation.
 - 2.6 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or

intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

- 2.7 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- 2.8 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 2.9 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details; including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
- 2.10 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 2.11 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 2.12 If the BIDDER or any employee of BIDDER or any person acting on behalf of BIDDER, either directly or indirectly, is a relative of any of the officers of the BUYER, or alternatively, if any relative of an officer of the BUYER has financial interest / stake in the BIDDERS firm, the same shall be disclosed by the BIDDER at the time of filling of tender.

The term 'relative' for this purpose would be as defined in Section 6 of the Companies Act 1956.

3. Previous Transgression

- 3.1 The BIDDER declares that no previous transgression occurred in the last three years - immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged herein or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDERS' exclusion from the tender process.
- 3.2 The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

4. Earnest Money/Security Deposit

- 4.1 While submitting commercial bid, the BIDDER shall deposit an amount Rs. /- (to be specified in RFP) as Earnest Money/ Security Deposit with the BUYER through any of the following instruments:

- i. Bank Draft or a Pay Order in favour of the BUYER payable at location of/specified by the BUYER.
- ii. A confirmed guarantee by an Indian Nationalized Bank, promising payment of the guaranteed sum to the BUYER, on demand within three working days without any demur whatsoever and without

seeking any reasons whatsoever. The demand for payment by the BUYER shall be treated as conclusive proof for payment.

- 4.2. The Earnest Money/Security Deposit shall be valid up to a period of Three years

or the complete conclusion of contractual obligations to complete satisfaction of both the BIDDER and the BUYER, including warranty period, whichever is later.

- 4.3 In the case of successful BIDDER a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase Contract that the Provisions of Sanctions for Violation shall be applicable for forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this pact.
- 4.4 No interest shall be payable by the BUYER to the BIDDER(s) on Earnest Money/ Security Deposit for the period of its currency.

5. Sanctions for Violation

Any breach of the aforesaid provisions by the BIDDER or any one employed by him or acting on his behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following action, wherever required:-

(i) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However the proceedings with the other BIDDER(s) would continue.

(ii) The Earnest Money (in pre – contract stage and /or/ Security deposit/Performance Bond (after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.

(iii) To immediately cancel the contract, if already signed without giving any compensation to the BIDDER.

(iv) To recover all sums already paid by the BUYER, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due by the BUYER to the BIDDER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.

(v) To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest,

(vi) To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money due to the BIDDER.

(vii) To debar the BIDDER from participating in future bidding process of the Government of India for a minimum period of five years, which may be further extended at the discretion of the BUYER.

(viii) To recover all sums paid in violation of this pact by the BIDDER(s) to any middleman or agent or broker with a view to securing the contract.

(ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.

(x) Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

5.1 The BUYER will be entitled to take or any of the actions mentioned at para 5.1 (i) to (x) of the Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal Code, 1860 or Prevention of Corruption Act 1988 or any other statute enacted for prevention of corruption.

- 5.2 The decision of the BUYER to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the independent Monitors appointed for the purpose of the Pact.

6. Fall Clause

- 6.1 The Bidder undertakes that he has not supplied/is not supplying the similar systems or subsystems at a price lower than that offered in the present bid in respect of any other Defence/ Public Sector Undertakings/Public sector undertakings/Ministry of Defence and if it is found at any stage that the similar system or sub-system was supplied by the BIDDER to any other Defence Public Sector Undertakings/Public Sector Undertaking/Ministry of Defence at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

7. Independent External Monitor(s)

- 7.1 The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
- 7.2 The Monitor shall not be subject to instructions by the representatives of the parties and performs their functions neutrally and independently.
- 7.3 Both the parties accept that the Monitors have the right to access all the documents relating to the project / procurement, including minutes of meetings.
- 7.4 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the IISER.
- 7.5 The BIDDER(s) accepts that the Monitor has the right to access without restriction to all project documentation of the BUYER including that provided by the BIDDER. The BIDDER will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to subcontractors. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER(s) / Contractor(s) / Subcontractor(s) with confidentiality.
- 7.6 The BUYER will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the BUYER and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- 7.7 The Monitor will submit a written report to the Director IISER, Pune within 8 to 10 weeks from the date of reference or intimation to him by the BUYER and BIDDER and should the occasion arise, submit proposals for correcting problematic situations.

8. Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

9. Law and Place of Jurisdiction

This Pact is subject to Indian Law. The place of performance and Jurisdiction is Pune.

10. Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings

11. Independent Monitor

The buyer will appoint independent monitors (hereinafter refereed to as monitors) for this pact in consultation with the Central Vigilance Commission (Chief Vigilance Officer, IISER Pune)

12. Validity

12.1 The validity of this Integrity Pact shall be from date of its signing and extend up to 5 years or till the complete execution of the contract to the satisfaction of both the BIDDER and the BUYER, whichever is later.

12.2 Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions

13 The Parties hereby sign this Integrity Pact at _____ on _____

BUYER
Name of the Officer
Designation
IISER Pune

BIDDER

Witness

1. _____

2 _____

Witness

1. _____

2 _____

IMPORTANT NOTICE
TENDERERS RESPONDING TO THIS ENQUIRY SHALL BE DEEMED TO BE AGREEABLE TO THE TERMS AND CONDITIONS HEREIN CONTAINED. THESE TERMS AND CONDITIONS SHALL BE BINDING ON THE SUCCESSFUL TENDERER. CONDITIONAL TENDERS ARE LIABLE TO BE REJECTED. IISER PUNE WILL PROCESS THE TENDER AS PER IISER PUNE STANDARD PROCEDURES. THE DIRECTOR OF THE INSTITUTE RESERVES THE RIGHT TO REJECT ANY OR ALL OR PART OF TENDER WITHOUT ASSIGNING ANY REASON AND SHALL ALSO NOT BE BOUND TO ACCEPT THE LOWEST TENDER. IISER PUNE WOULD NOT BE UNDER ANY OBLIGATION TO GIVE ANY CLARIFICATIONS TO THE AGENCIES WHOSE BIDS ARE REJECTED.

I agree to all terms and conditions mentioned in the tender document of the Institute

Signature of the Tenderer

Checklist for BIDDERS

BIDDERS to indicate whether the following are enclosed/mentioned by striking out the non-relevant option

Envelope-1(Technical-Bid) (Following documents to be provided as single PDF file)				
Sl. No.	Content	File Types	Document Attached	Please Fill page nos for respective document
1	Scan copies of the Tender Fee of Rs.1,180/- and EMD of Rs.8,00,000/-	.PDF	(Yes /No)	
2	Format/Questionnaire for compliance as per Annexure-'A'	.PDF	(Yes /No)	
3	Format of compliance statement of specification as per Annexure-'B'	.PDF	(Yes /No)	
4	Manufacturer's Authorization Form as per Annexure-'D'	.PDF	(Yes /No)	
5	Previous Supply Order Format as per Annexure-'E'	.PDF	(Yes /No)	
6	Bidder Information form as per Annexure-'F'	.PDF	(Yes /No)	
7	Blacklist certificate as per Annexure-'G'	.PDF	(Yes /No)	
8	Certificate By Bidder- DPIIT Registration as per Annexure-I	.PDF	(Yes /No)	
9	Self-Declaration by the bidder As per Annexure –'J' that the items offered meet the local/Non local content requirement in pursuance of Public Procurement Preference to Make in India, Order 2017 (Please specify)	.PDF	Class-I Class-II Non Local	
10	BID Security Declaration As per Annexure-'K'	.PDF	(Yes /No)	
11	Pre Contract Integrity Pact as per Annexure 'L'	.PDF	(Yes /No)	
12	A copy of the Un-priced Commercial bid	.PDF	(Yes /No)	
13	List of deliverables as per Chapter- 4	.PDF	(Yes /No)	
14	Solvency certificate for Rs 160.00 lakhs (not older than twelve months) issued by scheduled/nationalized bank with which BIDDER holds the current account	.PDF	(Yes /No)	
15	Undertaking that the successful BIDDER agrees to give a 5% security deposit and Performance Bank Guarantee	.PDF	(Yes /No)	
16	Self-Attested copy of GST Number (as applicable)	.PDF	(Yes /No)	
17	Tender Terms & Conditions Acceptance signed with official seal is attached	.PDF	(Yes /No)	
Envelope-2(Financial-Bid)				
Sl. No.	Content	File Types	Document Attached	Please Fill page nos for respective document
1	Price bid should be submitted in PDF and excel Format	.PDF and excel	(Yes /No)	
2	Annual Maintenance Contract Annexure 'H'	.PDF	(Yes /No)	