

JAI PRAKASH UNIVERSITY

Rahul Sankrityayan Nagar, Chapra, Saran, Bihar-841302

Request for Proposal (RFP)

For

Supply, Installation and Commissioning of Lab equipment and ancillary items

Tender No:01/JPU/GSU-PMUSHA

Dated- 15.09.2025



Issuing Authority

Prof. Narayan Das

Registrar

registrar-jpu-bih@nic.in

Handwritten signature and date:
13/9/2025

1. Background Information

1.1. Basic Information

Jai Prakash University was established on 22.11.1990 by the enactment of section 3(b) of the Bihar State Universities Act, 1976, with its headquarters at Chapra, after carving it out from the then Bihar University (now B.R.A. Bihar University), Muzaffarpur. The territorial Jurisdiction of the University is stretched over the whole of Saran Division, Comprising three districts of Chapra, Siwan and Gopalganj.

Jai Prakash University has functional dimensions to strengthen the development and management of educational infrastructure associated with Pure Science, Commerce, Social Science, and allied professional education in Bihar University promotes quality research and innovation in skilled techniques for mankind. There are four faculties and seventeen Post Graduate Departments of teaching and research, which have proved their excellence in imparting quality education in the field of Higher Education and providing opportunities to the students in carrying out research works of international standard, coping with the needs of the day.

Jai Prakash University invites Supply, Installation and Commissioning of Lab equipments and ancillary items as specified in this RFP to Jai Prakash University, Rahul Sankriyayan Nagar, Chapra, Saran, Bihar. This Equipment will contribute towards advancement of academic and administrative work, knowledge and research.

2. Instructions to Bidder Notice Detail /Schedules of Events

Document Control Sheet		
SINo.	Event Description	Timelines
2.1	Last date and time for Downloading the RFP	Till 07/10/2025 up to 03:00 PM, on the e-Procurement Portal(https://www.eproc2.bihar.gov.in)
2.2	Last date and time for submission (upload) of online bidding document	Till 07/10/2025 up to 06:00 PM, on the e-Procurement Portal(https://www.eproc2.bihar.gov.in)
2.3	Time, Date of opening of Technical Bid	08/10/2025 at 12:00PM on the e-Procurement Portal(https://www.eproc2.bihar.gov.in)
2.4	Time, Date of opening of Financial Bid	To be announced later on the e-Procurement Portal Website (https://www.eproc2.bihar.gov.in)
2.5	Pre-bid meeting (Date & time)	24/09/2025 at 02:00 PM Venue: Office of the Registrar, Jai Prakash University, Chapra
2.6	University Contact Person and Number	Prof. Narayan Das, Registrar registrar-jpu-bih@nic.in, 9431294030
2.7	Full Address of University	Jai Prakash University, Rahul Sankriyayan Nagar, Chapra, Saran, Bihar-841302
Note: Bidders are advised to visit the Jai Prakash University, Chapra and Eproc2 website on regular basis for any updates.		



- 1 This RFP process will be administered through the state public procurement portal (SPP) (URL: <https://eproc2.bihar.gov.in>). The Bidders are required to submit soft copies of their proposals electronically on the SPP Portal, using valid digital signature certificates of officers duly authorized to submit the bid in e-files. More information for submitting the bids online on the SPP Portal may be obtained at <https://eproc2.bihar.gov.in/>
- 2 All the pages of the bid must be sequentially numbered and must contain the list of contents with page numbers. Any deficiency in the documentation may result in the rejection of the bid. Failure to submit the bid on time could cause a bid to be rejected. The University will not accept delivery of the Bid by fax/e-mail or any other electronic/non- electronic means other than uploading on the procurement portal.
- 3 The corrigendum (if any) & clarifications to the queries from all Bidders will be posted on the www.eproc2.bihar.gov.in & www.jpva.ac.in. Any such corrigendum shall be deemed to be incorporated into this RFP.
- 4 If a format for a specific document is not provided for in this RFP, the document shall be submitted in a format that makes it legally valid / binding on the Bidder and that is acceptable to the University. In any event, the University shall have the right to seek clarifications, modifications etc. on the document submitted by the Bidder and the Bidder shall be obliged to provide such clarifications and modifications within the timelines specified by the University.
- 5 Interested parties, after careful review of all the clauses of this 'Request for Proposal', are encouraged to send their suggestions in writing to Jai Prakash University, Chapra. Such suggestions, after review, may be incorporated into this 'Request for Proposal' as a corrigendum, which shall be uploaded onto the e-tendering website <https://www.eproc2.bihar.gov.in> and college website. All eligible tenders need to be registered on the following portals to generate login credentials and to download the bid documents for online bid preparation / decryption etc.
- 6 To participate in the e-tendering process, the bidders/agencies are required to get themselves registered with Bihar Government Centralized e-Procurement portal, i.e., <https://www.eproc2.bihar.gov.in>, and may contact the helpdesk at the following address, "eProc 2.0 Help Desk Address: mjunction services limited, RJ Complex, 2nd floor, Canara Bank Campus, Khajpura, Ashiana Road, P.S. – Shastri nagar, Patna – 800 014, Bihar, Toll Free Number: 1800 572 6571 (Working hours: 8AM to 7PM, all days in week except Sunday and few selected state holidays) or may visit the link at [https:// www.eproc2.bihar.gov.in](https://www.eproc2.bihar.gov.in).
- 7 Tenderer may also download the tender documents (a complete set of document is available on website) from e-Procurement Portal (<https://www.eproc2.bihar.gov.in>) and submit its tender by using the downloaded document.
- 8 Tender Processing Fee (TPF) needs to be paid as applicable through e-Payment mode (i.e. NEFT-RTGS, Internet Banking, Credit / Debit Card).
- 9 The technical and financial bids must be submitted / uploaded through e-Procurement Portal ([https:// www.eproc2.bihar.gov.in](https://www.eproc2.bihar.gov.in)) on or before the date and time specified in the NIT. The university doesn't take any responsibility for the delay / Non-Submission of Tender / Non-Reconciliation of online Payment caused due to non-availability of Internet Connection, Network Traffic/ Holidays or any other reason.

Prof. Narayan Das

Registrar

Jai Prakash University, Chapra



1.1. Right to Terminate the Process

- i. Jai Prakash University, Chapra may terminate the RFP process at any time and without assigning any reason. Jai Prakash University, Chapra makes no commitments, express or implied, that this process will result in a business transaction with anyone.
- ii. This RFP does not constitute an offer by Jai Prakash University, Chapra. The bidder's participation in this process may result in Jai Prakash University, Chapra selecting the bidder to engage towards execution of the contract.

1.2. Submission of Response/Proposal

The bidders should submit their responses as per the format given in this RFP in the following manner:

- i. Response to Pre-Qualification Criterion
- ii. Technical Qualification Criterion
- iii. Financial Proposal

Prices should not be indicated in the Pre-Qualification Proposal or Technical Qualification Criteria Proposal but should only be indicated in the Commercial Proposal in the format given in e-procurement portal.

1.3. Site Inspection

Bidders are advised to inspect the site and its surroundings where this equipment is to be installed and satisfy them before submitting their tenders. A bidder shall be deemed to have full knowledge of the work whether he/she inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

1.4. Acceptance

2. The Bidder shall provide such packing of the Equipment as is required to prevent damage or deterioration during shipment/equipment. The Bidder shall promptly repair or replace any Equipment that is damaged in transit. The packing, marking, and documentation within and outside the packages shall also comply strictly with the requirements. The Bidder shall insert in each case a packing list, fully itemized to show case number, contents, gross and net weight, and cubic measurement.
3. If the Equipment fails to meet the specifications of the equipments and during warranty period due to faulty part/component, the replacement of faulty part/component must be carried out by the Bidder free of cost. Freight, insurance and other allied expenditure like customs duties etc. for such part/component shall be the liability of the Bidder. Bidder will reimburse to Jai Prakash University, Chapra the cost incurred by Jai Prakash University, Chapra, if any, on replacement of such faulty part/component.
4. If it becomes necessary for the Bidder to replace or renew any defective portions of the Equipment under this clause, if any defects be not remedied within 15 (Fifteen) days from the date of communication thereof or within such other specific period as may be allowed by the Jai Prakash University, Chapra in his discretion on application made to that effect by the Bidder, the Jai Prakash University, Chapra may proceed to carry out the work at Bidder's risk and expense, but without prejudice to any other rights which the Jai Prakash University, Chapra may have against the Bidder in respect of such defects.



4.1. Training to Jai Prakash University, Chapra

Bidder shall provide training to the personnel nominated by the Jai Prakash University, Chapra at respective locations to enable them to have sufficient knowledge and skill to effectively manage, maintain, use and operate lab equipment.

On-site training during the installation of the Equipment shall be arranged by the Bidder. Arrangement of all training materials such as manuals, drawings, brochures etc. shall be the responsibility of the Bidder.

4.2. Preparation and Submission of Proposal

4.2.1. Proposal Preparation Costs

The bidder shall be responsible for all costs incurred in connection with participation in the RFP process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by Jai Prakash University, Chapra to facilitate the evaluation process, and in negotiating a definitive contract or all such activities related to the bid process.

Jai Prakash University, Chapra will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

4.2.2. Language

The Proposal should be filled by the bidders in English language only. If any supporting documents submitted are in any language other than English and Hindi, translation of the same in English language is to be duly attested by the Bidders. For purposes of interpretation of the documents, the English translation shall govern.

4.2.3. Pre-Bid Conference

- a) The Jai Prakash University, Chapra shall hold a pre-bid meeting with the prospective Bidders as per information given in the schedules of events.
- b) The Bidders will have to ensure that their queries for pre-bid meetings should reach the point of contact (Nodal Officer) in written form either mail or in form of letter in company's letter head only as mentioned in the schedule of events within the timelines given. Mail Id _____
- c) The email should necessarily have subject as per the following nomenclature: "Pre-bid Query - RFP Jai Prakash University, Chapra**{Company's Name}"
- d) The queries should necessarily be submitted in the following format in both PDF and Editable MS-Word/ Excel File Format:

Sr No	Name of mobile number of the authorized contact person and address of the bidder	RFP document reference(s). (Section & page number)	Content of RFP requiring clarification	Bidders Query



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4.2.4. Evaluation process

The Technical evaluation committee shall be constituted by the Jai Prakash University, Chapra. The Technical Evaluation Committee may ask for meetings with the Bidders to seek clarifications on their proposals.

The Technical Evaluation Committee reserves the right to reject any or all proposals on the basis of any deviations.

Each of the responses shall be evaluated as per the criteria and requirements specified in this RFP.

4.2.5. Tender Opening

The Proposals submitted by bidders will be opened online at Time, Date as mentioned in schedules of events by Jai Prakash University, Chapra officials or any other officer authorized by Jai Prakash University, Chapra, in the presence of such of those Bidders or their representatives who may be present at the time of opening. In the event that no bidders are present, the tender will still be opened as scheduled.

The representatives of the bidders should be advised to carry the identity card or a letter of authority from the tendering firms to identify their bonafides for attending the opening of the proposal.

4.2.6. Tender Validity

The offer submitted by the Bidders should be valid for a period of 180 days from the date of submission of Tender.

4.2.7. Document Fee and Tender Processing Fee:

All Applicants have to pay Tender Processing Fee as applicable through e-payment mode (i.e. NEFT/RTGS/Credit Card/Debit Card) on eProc2 Portal.

4.2.8. Earnest Money Deposit (EMD):

Sl no	Name of the equipments	EMD Amount (Rs)	Total EMD to be paid in case quoting for all equipments
1	Infra-Red Spectroscope	96,000	3,72,000
2	Gas Chromatography-Mass Spectrometry (GC-MS) system	46,000	
3	Fluorescence Spectrophotometer	1,34,000	
4	RT-PCR	30,000	
5	CHNSO analyzer	50,000	
6	Microwave Reactor	16,000	

- EMD through e-payment mode (i.e. NEFT/RTGS/Credit Card/Debit Card/) on E-Proc2 Portal or in form of bank guarantee, well before the last date/time for submission/ uploading of offer/Bid, failing which the bid will be rejected. This EMD

will be non-interest bearing and refundable. If the selected bidder fails to submit the requisite performance guarantee or to execute the agreement, this EMD will be forfeited

- MSME certificate state of BIHAR or start up agencies registered DPIIT along with Agency registration with Govt. of Bihar for doing similar work, are exempted from payment of EMD. EMD exemption is subject to submission of valid registration certificate with the bid. MSMEs with certificates from outside the Govt. of Bihar shall have to deposit the EMD.

5. Criteria for Evaluation

5.1. Pre-Qualification (PQ) / Eligibility Criteria

Sr. No.	Basic Requirement	Specific Requirement	Documents Required
1	Registration Certificate	Bidder should be a Company/ firm registered under the Indian Companies Act (or) a firm registered under the Limited Liability Partnership Act, 2008 (or) a firm registered under the Partnership Act, 1932 for the last 5 years.	Certificate of Incorporation required and Articles of Association of the Participant in case of Company / Limited Liability Partnership Agreement in case of LLP
2	Sales Turnover in Lab Equipment Sales & Maintenance services	Average Annual turnover of the applicant firms/registered/ authorized dealers during each of the last three financial years (FY 2021-22, 2022-23, 2023-24), should be a minimum of Rs. 2.80 Crore.	Extracts from Audited/Certified financial statements and Balance sheet for last three financial years as per financial year of participating company/firm OR. Certificate from Chartered Accountant and Authorized Signatory.
3	Certificates	Apart from company / firm registration, Participant must have registered under the following: • Valid GST Registration Certificate. • Income Tax Return with for last three (FY 2021-22, 2022-23, 2023-24)	Copy of all the mentioned certificates/ITR certified by authorized signatory
4	Letter of authorization from OM	The bidder should be an OEM or their authorized dealer/representative. In case of authorized/ dealer representative, a letter of authorization/dealership clearly stating the component/equipment for which the authorized representative is representing on behalf of the original	Letter of authorization from OEM

		manufacturer (OM) must be furnished.	
5	Technical Capability	Bidder must have successfully undertaken the work with • Experience of working with at least 5 Government agency/ Educational Department • At least 1 supply orders to the Education Institution recognized by NAAC with Grade B++ and higher, funded by State Government/ Central Government of India minimum of Rs. 10 Lakhs Ongoing projects will be considered.	Work Order/ Completion Certificates from the client. It is essential to include experience certificates from each client. If the agency's work is ongoing, please include the relevant supporting.
6	ISO Certificate	The Bidder in case of OEM preferably should have ISO 9001: 2000/2008/2015 Certificate	Copy of Valid ISO 9001:2000/2008 certificate to be submitted certified by authorized signatory
7	Local Service Centers	The bidder should have technical manpower to provide service for support for supply of the Equipment this contract.	Self-Certified letter by authorized signatory to provide services
8	Participant should not be an entity which has been black- listed by Government	A self-certified letter by the authorized signatory of the bidder that the bidder has not been blacklisted by any Central / State Government (Central/State Government and Public Sector) or under a declaration of ineligibility for corrupt or fraudulent practices as on bid submission date, must be submitted on original letter head of the bidder with signature and stamp.	Self-Certified letter by authorized signatory

Note: -

- Notwithstanding anything contained in this tender document, technical assessment shall be made at the sole discretion of university and its decision shall be final and not challengeable.
- In case of a tie in the L1 price. If there is a tie in both the L1 price, the work will be awarded based on the lowest amount of CMC quoted by the bidder in the tender. In case of further tie, the decision of the university shall be binding to all the bidders.



- Conditional bids will be summarily rejected.

5.2. Financial Bid Evaluation

The Financial Bids of technically qualified bidders will be opened on the prescribed date in the presence of bidder representatives. In the event that no bidders are present, the tender will still be opened as scheduled. Any conditional bid would be summarily rejected.

6. Appointment of vendor

6.1. Right to reject Proposal

Jai Prakash University, Chapra reserves the right to accept or reject any proposal, and to annul the tendering process / Public procurement process and reject all proposals at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for Jai Prakash University, Chapra action.

6.2. Performance Guarantee

The Jai Prakash University, Chapra will require the selected bidder to provide an irrevocably, unconditionally Performance University Guarantee, within 15 days from the Notification of award, for a value equivalent to 5% of the total cost of ownership. The Performance Guarantee should be valid for a period of **66 months** from the date of award of contract. The Performance Guarantee shall be kept valid till completion of the supply order, warranty period and till the completion of Comprehensive Maintenance contract (CMC). The selected bidder shall be responsible for extending the validity date and claim period of the Performance Guarantee as and when it is due on account of non-completion of the supply order and Warranty period.

In case the selected bidder fails to submit performance guarantee within the stipulated time, the Jai Prakash University, Chapra at its discretion may cancel the order placed on the selected bidder without giving any notice. Further, the university will extend the supply order to the L2 bidder at the L1 price.

Jai Prakash University, Chapra shall invoke the performance guarantee in case the selected Vendor fails to discharge their contractual obligations during the period or Jai Prakash University, Chapra incurs any loss due to Vendor's negligence in carrying out the supply order implementation as per the agreed terms & conditions.

Post submission of Performance Guarantee by the successful bidder, Jai Prakash University, Chapra shall provide purchase order to the successful bidder.

6.3. Sub-Contracting, Consortium And Joint Ventures

Consortium, Joint venture, AOP (Association of Persons), subletting, Subcontracting and Outsourcing will not be allowed.

6.4. Transition And Exit Plan:

- The Selected Vendor shall ensure that the transition is smooth in case the contract is terminated or foreclosed with mutual consent. In addition to the cancellation of contract, the University reserves the right to charge appropriate penalties and liquidated damages from the selected agency.
- All risks during the transition stage shall be properly documented to ensure smooth transition without any service disruption.



- The transition plan along with the period shall be mutually agreed between the firm and the Jai Prakash University, Chapra when the situation occurs. Selected Vendor shall be released from the project once successful transition is done meeting the parameters defined for the successful transition.

7. Terms and Conditions: Applicable Post Award of Contract

7.1. Right to Terminate the Process

Jai Prakash University, Chapra reserves the right to cancel the contract entered with the selected bidder and recover expenditure incurred by Jai Prakash University, Chapra under the following circumstances: -

- a) The selected bidder commits a breach of any of the terms and conditions of the bid.
- b) The bidder goes into liquidation, voluntarily or otherwise,
 - If the selected bidder fails to complete the assignment as per the timelines prescribed in the RFP and the extension if any allowed, it will not be a breach of contract.
 - The Jai Prakash University, Chapra reserves its right to cancel the order in the event of delay and forfeit the bid security as liquidated damages for the delay.
 - If deductions of account of liquidated damages exceed more than 10% of the total contract price.
 - In case the selected bidder fails to deliver the quantity as stipulated in the delivery schedule, Jai Prakash University, Chapra reserves the right to procure the same or similar product from alternate sources at the risk, cost and responsibility of the selected bidder.

7.2. Liquidated Damages

- a) Notwithstanding Jai Prakash University, Chapra's right to cancel the order, liquidated damages for late delivery at 1% (One percent) of the undelivered portion of order value per week will be charged for every week's delay in the specified delivery schedule subject to a maximum of 10% of the value of the order value.
- b) Liquidated damages for late commissioning at 1% (One percent) of the order value per week will be charged for every week's delay in commissioning to a maximum of 10% of the value of the order value.
- c) Please note that the above LD for delay in delivery and delay in commissioning are independent of each other and shall be levied as the case may be.
- d) Jai Prakash University, Chapra reserves its right to recover these amounts by any mode such as adjusting from any payments to be made by Jai Prakash University, Chapra to the bidder. Liquidated damages will be calculated on a per week basis.

7.3. Limitation of Liability

- a) Neither party shall be liable to the other for any special, indirect, incidental, consequential (including loss of profit or revenue), exemplary or punitive damages whether in contract, tort or other theories of law, even if such party has been advised of the possibility of such damages.
- b) The total cumulative liability of either party arising from or relating to this contract



shall not exceed the total amount paid to the Bidder by the client under that applicable statement of work that gives rise to such liability (as of the date the liability arose); provided however, that this limitation shall not apply to any liability for damages arising from (a) Willful misconduct or (b) Indemnification against third party claims for infringement.

7.4. Penalty

- a) The Bidder shall perform its obligations under the agreement entered into with the Jai Prakash University, Chapra, in a professional manner.
- b) The Bidder should perform all the activities as per timelines and parameters stipulated by Jai Prakash University, Chapra in this RFP, failing which Jai Prakash University, Chapra may at its discretion impose penalties on the Bidder as defined in the RFP. The penalties on the delivery of the Lab Equipment will be deducted from the payment to the vendor @ 1% of the project cost per week subject to a maximum of 10% or termination of the contract.

7.5. Dispute Resolution Mechanism

In case any dispute between the Parties does not settle by negotiation in the manner as mentioned above, the same may be resolved exclusively by arbitration and such dispute may be submitted by either party for arbitration within 20 days of the failure of negotiations. Arbitration shall be held in Bihar and conducted in accordance with the provisions of Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof. Each Party to the dispute shall appoint one arbitrator each and the two arbitrators shall jointly appoint the third or the presiding arbitrator.

The Provisions of this RFP shall be governed and construed in accordance with the Laws of India and would come under the exclusive jurisdiction of the Courts in Saran, Bihar.

7.6. Force Majeure

Force Majeure is herein defined as any cause, which is beyond the control of the selected bidder or Jai Prakash University, Chapra as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:

- Natural phenomenon, including but not limited to floods, droughts, earthquakes and epidemics.
- Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines and embargos
- Terrorist attack, public unrest in work area provided either party shall within 10 days from occurrence of such a cause, notifies the other in writing of such causes.

The bidder or Jai Prakash University, Chapra shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/or defined above. Any delay beyond 30 days shall lead to termination of contract by parties and all obligations expressed quantitatively shall be calculated as on date of termination. Notwithstanding this, provisions relating to indemnity, confidentiality survive termination of the contract.

7.7. Fraud Or Corrupt Practices

- a) The Bidders shall observe the highest standard of ethics during the Bidding Process



and after the issue of the Letter of Intent (LOI)/Work Order (WO) and during the subsistence of the Agreement. Notwithstanding anything to the contrary contained in this RFP, or in LOI/WO or the Agreement, the Jai Prakash University, Chapra may reject a bid, withdraw the LOI/WO, debar the bidder for a period of one year from participating in the future projects of the Jai Prakash University, Chapra or terminate the Agreement, as the case may be without being liable in any manner whatsoever to the Bidder, if it determines that the Bidder has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practices. In such an event, the Jai Prakash University, Chapra shall, without prejudice to its any other rights or remedies, forfeit and appropriate the Bid Security or Performance Security as mutually agreed genuine pre-estimated compensation and damages payable to the Authority for, inter alia, time, cost and effort of the Authority, in regard to the RFP, including consideration and evaluation of such Bidders Proposal.

- b) Without prejudice to the rights of the Jai Prakash University, Chapra under Clause above and the rights and remedies which the Jai Prakash University, Chapra may have under the LOI /WO or the Agreement, if a Bidder, is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the issue of the LOI /WO or the execution of the Agreement, such Bidder shall not be eligible to participate in any tender or RFP issued by Jai Prakash University, Chapra during a period of 1 (one) year from the date such Bidder is found by the Jai Prakash University, Chapra to have directly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as the case may be.
- c) For the purposes of this Section, the following terms shall have the meaning here in after respectively assigned to them:
- I. **"Corrupt practice"** means the offering, giving, receiving, or soliciting of anything of value, pressurizing to influence the action of a public official in the process of tendering and execution of the project.
 - II. **"Fraudulent practice"** means aim is representation or omission of facts or disclosure of incomplete facts, in order to influence the Selection Process.
 - III. **"Coercive practice"** means impairing or harming or threatening to impair harm, directly or indirectly, any person or property to influence any person's participation or action in the Selection Process.
 - IV. **"Undesirable practice"** means (I) establishing contact with any person connected with or employed or engaged by Jai Prakash University, Chapra with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Selection Process; or (ii) having a Conflict of Interest.
 - V. **"Restrictive practice"** means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Selection process.

8. Technical Requirements

- i. The successful Bidder shall procure the Lab Equipments as required from a reputed OEM. The Bidder shall note that the specification provided is the minimum requirement and can supply better specification if required. The Bidder shall supply all components as per requirements of the RFP. The Bidder shall be responsible for supply of the Lab Equipment and installation at site.
- ii. All Lab Equipment proposed by the bidder shall be licensed to Jai Prakash University, Chapra and will be the property of Jai Prakash University, Chapra. The Bidder has to prepare and submit a delivery report including details of all components supplied. The delivery report will be validated by Jai Prakash University, Chapra.
- iii. The Lab Equipment provided by the Successful Bidder shall meet all the Service Level requirements as mentioned in the RFP. While the basic Bill of Material will not change, any change in the BOM specification will be done only to provide a higher specification.
- iv. Successful bidders will be expected to bring all the installation equipment and tools required for the installation of the Equipment. All the work shall be done in a conscientious manner as per the OEM guidelines and best industry practices. The Equipment shall be subjected to inspection at various stages. Local regulation/codes shall be followed at all times. The Successful Bidder shall follow all Safety Regulations and Practices at the time of installation and implementation.
- v. The Successful Bidder shall not cause any damage to buildings/installation site and property and will perform restoration to the original condition to the satisfaction of Board authorities, if any damage occurs.
- vi. Jai Prakash University, Chapra shall perform the acceptance test (AT) ensuring that all the Lab Equipment supplied are performing as per the specification. Jai Prakash University, Chapra would issue certification of completion after verifying availability of all the Lab Equipment.
- vii. The bidder should provide all relevant documentation including:
 - Original Manuals, Data Sheets, Installation Documents and any other documents relevant to the hardware and peripherals supplied by the Bidder.
 - Documentation should be provided by the selected Bidder on a regular basis as and when desired by Jai Prakash University, Chapra during the entire period of Contract.

8.1. Implementation Service Levels

Measurement	Target
Installation and commissioning of Lab Equipments	Within 3 months from receipt of purchase order

8.2. Manpower Related Service Levels

The support personnel should be available over the phone. In critical situations or when directed by Jai Prakash University, Chapra, the support personnel must be available on site within 4 Days of request from Jai Prakash University, Chapra at the locations. Non-



availability of the support personnel as stated above will be treated equivalent to a single occasion of non-conformity.

Measurement	Target	Penalty
No of Occasions of Non-Conformity	Up to 5 in year	No penalty
	More than 5 occasions of non-conformity in a year	0.2% of the Performance Bank Guarantee for every occasion of non-conformity exceeding 5
	More than 25 occasions of non-conformity in a year	0.5% of the Performance Bank Guarantee) for every occasion of non-conformity exceeding 25 (in addition to the penalty for exceeding 5 occasions of non-conformity as mentioned above)

9. Details on Scope of Work

The scope of work for this RFP will include the following activities:

- The scope of the work for this Request for proposal (RFP) for Selection of Agency for Laboratory Equipment Supply, Installation and Services for its maintenance to University. It will enrich academic potential and vibrancy along with supporting and consolidating research. The purpose of this RFP is to on board potential agencies which have experience of supplying highly sophisticated scientific equipment manufactured in India or abroad for research purposes
- Maintenance of the supplied laboratory equipment for a period of 3 year, followed by Comprehensive Maintenance Charges (CMC) for an additional 5 years, as per the rates quoted in the financial bid and stipulated in the final signed contract.
- The bidder will be responsible for providing Standard Laboratory Equipment for providing requisite equipment for the University as per their requirement and specification.
- Equipment to be supplied shall be latest branded models manufactured with 100% new OEM parts. All products to be supplied should be part of current production as on the date of award of the tender. For the purpose of this contract "current production" shall mean that the equipment model has been manufactured and introduced in the Indian market as new equipment. Refurbished equipment is not acceptable in any case.

10. Equipment:

List of Equipment to be procured is attached below in this RFP.

NOTE:

- Bidders are required to submit separate quotes for each piece of equipment and its corresponding Comprehensive Maintenance Contract (CMC). The evaluation will focus on identifying the lowest bidder for each equipment and CMC, with the overall award going to the bidder who presents the lowest total price for each item. Bidders may choose to quote for one or multiple pieces of equipment. All bidders must meet the qualification criteria, regardless of

whether they are quoting for one or more equipment.

- ii. In case of a tie at the L1 price, the work shall be awarded to the bidder who has quoted the lowest price for CMC. If further tie, then the decision of the university shall be final and binding to all.

10.1. Installation of Lab Equipment

The items should be installed and demonstrated by the supplier at the site of the university immediately after receipt of the item and the same will be put under operation to the satisfaction of Jai Prakash University, Chapra (Rahul Sankrityayan Nagar, Chapra, Saran, Bihar-841302) who will test the performance of the items. No separate charges for installation / demonstration will be paid to the party beyond the quoted prices.

10.2. Warranty period, maintenance & technical support

The warranty period of all capital items shall commence after receipt of the items in good working condition and from the date of its satisfactory installation and acceptance test by the consignee.

The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services.

All the Capital items / Lab Equipment shall be covered under three year onsite comprehensive warranty with Maintenance & Technical support services.

10.3. Deliverables & Timelines

The Bidder should deliver the Lab Equipment, commissioning and Installation within Four weeks from the date of issuance of purchase Order.

11. Payment Terms and Procedure

11.1. Payment Schedules

The payment amount will be equal to the amount specified in the financial bid of the bidder. All payments shall be done through SNA-SPARSH within 21 days from the date of submission of invoice the university. Payments will be released only on satisfactory acceptance of the deliverables for each Lab at each location (as mentioned in this RFP) as per the following schedule:

- i. 50% of the Contract amount towards the respective lab shall become payable by the Jai Prakash University, Chapra after the complete delivery of all items as per the RFP.
- ii. 40% of the contract Amount towards respective lab shall become payable by the Jai Prakash University, Chapra upon completion of setup configuration, successful commission and test acceptance.
- iii. 10% of the Contract Amount shall become payable by Jai Prakash University, Chapra after the submission of Successful completion Certificate from the user.



Annexure A - Technical Specification of Equipments

1. Technical Specifications of Infra-Red Spectroscope	
Optical System	The spectrometer should be able to record the spectrum of a sample in the wave number region of 7000 - 350 cm^{-1} . Spectrometer must provide a 10 years warranty on the interferometer, laser, and source.
	Desiccant, power supply, sample compartment windows, infrared source must be user replaceable without opening the cover.
Power supply	220 V AC, 50 Hz
Interferometer	Interferometer must be a with dynamic alignment to provide high spectral resolution and compensate for tilt, shear, temperature effects, and vibrations that alter line shapes and negatively impact spectral results.
Optics	Diamond turned or equivalent
Signal to Noise Ratio	better than 34,000:1(peak-to-peak, one minute)
Spectral Resolution	$\leq 1 \text{ cm}^{-1}$ spectral resolution or better
Detector	Deuterated triglycine sulfate (DTGS) detector/DLaTGS
Source	Spectrometer must have a non-migrating hotspot single-point source with a 5-year warranty.
Laser	Solid-state, temperature-controlled diode laser with long lifetime with a 5-year warranty
Real time feedback	The system should have integrated Light Bar that provides real-time instrument feedback and visual pass/fail indications of sample quality. The System should able to collect background while instrument is idle.
Instrument calibration/ performance verification	The system should have Automated performance verification tests
Transmission analysis	Transmission accessory must be quoted for solid sample analysis.
Mode of analysis	Transmission and Attenuated Total Reflection
Software	Optional requirement: Instrument should have Mechanism to automatic atmospheric suppression to remove moisture and CO_2 interferences. Advanced data processing options like baseline correction, peak area, peak height measurements, smoothing, spectral comparison etc. must be available.
Library	FTIR spectral libraries must be available which should include spectra of organic and inorganic compounds.
Accessories	Branded Desktop PC & Suitable UPS KBr Hydraulic Pallet Press, KBr Cell for Liquid, Mounting Table
Warranty	A comprehensive warranty, including replacement parts, should be provided for a duration of five years from the installation date of the instrument. A minimum of two visits annually for fault and routine maintenance is required.
Training	The supplier has to impart on-site operation training at the time of installation followed by complimentary 1-2 days training and two more training sessions within a four-month interval (all expenditure inclusive).
Additional Requirement	The instruments should be approved registered brand, service certificates and Trade Mark Registry under Trade Mark Act 1999 (Govt. of India).

Technical Specifications: Gas Chromatography-Mass Spectrometry (GC-MS) system:

S.N.	System Capabilities:	Detailed Specification
1	Gas Chromatograph	- The GC must be compatible with fast-GC applications with seamless integration of aGC system operatable at flow rates up to 2 mL/min and auto-sampler. The GC should have a touch screen interface that includes early maintenance check features. The GC oven should have a large capacity to accommodate a minimum of two capillary columns of 30 meters each. The gas chromatograph shall be equipped with one temperature-programmable injector and one split/splitless injector (pressure range 0–100 psi) with electronic flow/pressure control and precision of 0.001 psi or better. - Oven temperature: up to 450 °C or better - Oven temperature ramp rate: 120°C/min or better - Carrier gas: H₂ or He - One autosampler system with a minimum of 50 vials (vial capacity: 2 ml) compatible with GC. - The GC should have a retention time locking facility or an equivalent technology. If standards or alkanes are required for this, 100 vials of the same must be provided free of cost by the vendor. - The GC must have a post or mid column back-flush device for all connected inlets - Chromatographic performance: Retention time repeatability <0.008% or < 0.0008 min, based on Pentadecane under temperature program conditions - Peak area repeatability should be <1% RSD
2	Single Quadupole Configuration	Specifications for the mass spectrometer interfaced with the gas chromatograph are as follows.
3	MS specification	Ion source: It should be made of non-coated inert material with operating temperature up to 350 °C or better Ionization mode: EI (Electron Impact Ionization) Electron energy: 5 to 240 eV or better Emission current: 10 to 300 µA or better Filament: Dual filaments for higher productivity - Dynamic Range: 1×10⁶ or better GC–MS Interface: Transfer line temperature range should be 50 to 350 °C or better
4	Analyzer-MS Specification:	- The MS should be a quadrupole and must be delivered with a GC interface. The MS should have auto and manual tuning facility. The quadrupole MS should have a pre-rod/pre-filter or heating facility up to 200 °C to prevent contamination and ensure high sensitivity Vacuum: Turbo Molecular Pump (TMP) vacuum system with capacity of 250 L/s or better Mass range: m/z 2 to 1000 or better. Scan rate: The system must be capable of scanning up to 20,000 U/s scan speeds or better

		• Resolution: unit mass or better • Mass axis stability: 0.1 Da over 48 hrs or better • MS shall be able to create a 90 SIM ion groups with up to 55 ions per groups or better. sitivity demonstration at installation: ▪ EI sensitivity: 3000:1 S/N or better for 1 pg/ μl Octafluoronaphthalene (OFN) scanning from 50-300 amu at nominal m/z 272 ion. ▪ Instrument detection limit: 10 fg or better using 100 fg/μl OFN standard at nominal m/z for 272 ion with 30m column in EI SIM mode
5	Computer	Workstation PC with adequate processor, printer and online UPS: 1 unit each Windows MS based PC Workstation with preloaded software from the manufacturer compatible with data acquisition and analysis. The system should satisfy the requirement of the instrument. Duplex Laser printer: 01 no. On-Line UPS for 30 min backup with adequate power requirement: 01 no.
6	Software Features	Software for data acquisition and automization for Scan/SIM: 01 nos. Latest and licensed version software with free of cost upgradation facility as and when upgraded by the company and life-time validity for qualitative and quantitative data evaluation. Software should be capable of automatic peak and spectra deconvolution of partially coeluting compounds. The software should have capability to create its own library. Single GCMS software solution with capability to obtain data of MS and GC detectors simultaneously or separately. SIM integral time should be optimized based on measurement interval and number of monitored ions. TIC, SIM or TIC and SIM both chromatograms can be display.
7	Library	The latest editions of spectral NIST-2020 and retention time locking data base libraries with life-time validity for PAHs and enlisted compounds.
8	Consumables	The following consumable items must be included in the quotation and should be supplied along with the instrument. 1. Purification panel with all accessories: 01 no. 2. Carrier gas cylinders: Helium (0.999 purity) with dual stage gas regulators and cage: 01 no. 3. Other accesaries: a. Septa CRS make: 50 nos b. Liner (suitable for both injectors): 20 nos c. Brass net and Ferrule set: 20 nos d. Graphite Ferrules: 20 no. e. O-rings: 20 nos f. Copper tubing g. Tee, brass: 4 nos. h. Tubing Cutter: 01 nos. i. Nut driver: 01 j. Screwdriver: 02 nos. k. Open end wrench: 01 nos. l. Wrench: 01 no

		m. RP Oil: 5 Lt n. Filament: 4 nos o. Columns: 02 Nos with following specifications: a. HP5/VF5 or equivalent (dimension: 30m x 0.25mm x 0.25 µm) for pesticide, PCBs b. DB624 or equivalent (dimension: 30m x 0.25mm x 0.25 µm) for residual solvent analysis, c. WAX column or equivalent (dimension: 30m x 0.25mm x 0.25 µm) p. Syringes: 04 nos
9	Accessories	Helium cylinders (02) with regulator and Gas Purification panel and manifold for each gas which can switch empty cylinder to filled cylinder. All the cylinders should be covered with four side caging system and enough tubing should be supplied so that cylinders can be connected with GCMS.
10	Sample preparation kit:	Fully automated Solvent Extraction System with integrated Solvent Controller and sequential capability of extracting minimum 12 solid / semisolid samples with USEPA compliance. The typical extraction times should be 15 minutes per sample or less using common solvents at elevated temperature up to 150 °C. The system should be quoted with required accessories for operation. The extraction unit should be chemically inert to acids and alkaline sample matrices with extraction efficiency as per USEPA guidelines, typically 70-120%.
11	Optional items:	1. FID detector: 01 Nos. a. Fully EPC control and minimum detection level of <2 pg c/s or better. b. Dynamic range: 10⁷ or better 2. Thermal Desorption unit: 01 Nos. a. A high-throughput, automated thermal desorption system for the rapid and unattended processing of up to 100 sample sorbent tubes in a single sequence. b. Trap heating rate 100°C/s or more c. Single and double splitting options with <0.1% carryover or better. d. Control by Software allows automated, unattended sequencing of tube and on-line samples e. Temperature range: Primary desorption and Trap high temperature 40°C to 400°C, f. Sample flow path 50°C to 210°C. or better. g. Pneumatics pressure controls up to 60 psi or better. All the required accessories for uninterrupted operation of automated TD system
12	Additional Requirement	1. The instrument and all its sub units operate on 230 ± 10 volts, 50 Hz power supply 2. The supplier / manufacturer should have an Indian agent to provide after sales service. 3. The main unit and all the sub units of the instrument should be serviced by the Indian representative of supplier.

		4. Minimum 5-years standard warranty on entire system with part number. UPS should also be under 5-yr's warranty. 5. The application team has to demonstrate the measurement of specified compounds in each sample matrix including aerosol, soil, water, rain, river-water system and should provide a documentation for the same which may be used at any time in research purpose.
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Technical Specifications: Microwave Reactor/Synthesizer

S. No.	Name of the Instrument	Specification
1	Microwave Reactor	System composition: Microwave Reactor composed of Microwave Synthesis/Extraction system System's specification: (i) Microwave Frequency (ii) Installed Microwave power: 600 watt or higher (iii) Microwave Output Power: non-pulsed continuously automatic variable frequency control with an increment of 1 W. (iv) User Interface: - Icon based GUI. Graphical Output. Real Time Status Display (v) Magnetic Stirring: Instrument should have adequate Speed Magnetic Stirring facility, stirring speed is adjustable and will be displaying on the screen. (vi) Exhaust system of chamber: Corrosion-Resistant motor. (vii) Integrated Systems: The system should be equipped with Inert Gas purging facility, reflux and vacuum. (viii) Operating Condition: 50°C– 600°C, 10%-90% Humidity, Non-Condensing (ix) Operating Voltage & Current: 220/240 VAC, Non-Fluctuating Supply 50/60 Hz, 15 Amp (x) Temperature Measurement and Control System: The instrument should be equipped with High Precision IR sensor & Pt sensor to adapted for automatic recognition and intelligent control of temperature operating from 0°C to 300°C with a Precision: +/- 1°C (xi) Monitoring (optional): Instrument should have a HD camera with TFT Display to monitor the reaction inside the cavity. (xii) Software: Instruments should have preloaded software to precisely control and adjust Microwave Power, Temperature, Time, Stirring Speed, UV Light and Ultrasonic Power (xiii) Safety: The instrument should be equipped with intelligent Over heat Cut off. System Cooling malfunction warning. Door Ajar warning. (With Message and Buzzer). (xiv) Material: Both internal (cavity) and outer construction of the instrument should be made up of Industrial Grade Corrosion resistant Stainless Steel or higher versions. Essential accessories: (i) The instrument should be supplied with different volume of the glass vessel like (25ml, 50ml, 100ml), Reflux condensing, water oil separator, T connector. (ii) The instrument should be supplied with different volume of the Quartz vessel (100ml, 250ml) (iii) The instrument should be equipped with auto sampling technique.

2	Additional Requirement	The instruments should be approved registered brand, service certificates and Trade Mark Registry under Trade Mark Act 1999 (Govt. of India).
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Technical Specification of Fluorescence Spectrophotometer

Monochromator	Czerny-Turner or equivalent
Grating	Excitation: 1200 lines/mm, blazed at 370 nm. Emission: 1200 lines/mm, blazed at 440 nm
Detectors	High performance PMT. Separate detector for reference signal
Spectral bandwidth	Excitation and Emission: 1.5 - 20 nm
Wavelength range	190-1100 nm
Wavelength accuracy	+ 1.5 nm
Sensitivity	Raman Band of water: > 500:1 RMS, 500 m excitation > 750:1 RMS, 350 nm excitation, excitation and emission slits 10nm
Resolution	1.5 nm
Filters	Excitation: computer selectable including 2 bandpass, 2 cutoff, a shutter and open beam position Emission: computer selectable including 1 bandpass, 4 cutoff, a shutter, a 3% attenuator and open beam position
Max scan rate	23,000 nm/min or more
Data interval	0.15 - 30 nm
Measurements mode	Fluorescence, phosphorescence, chemiluminescence and bioluminescence.
Maximum data collection rate required	80 points per sec
Software	User friendly, based on Microsoft Windows 11 or later. It should have facility for scan application, kinetics, concentration. Data storage, graphical display. Life time measurements. Instrument validation: The software should include validation application.
Accessories	System should be supplied with standard liquid cell holder, 3.5 ml standard cell, It should be compatible and upgradable to Peltier cell holder, Micro plate reader accessory, Polarizer, fiber optics probe attachment etc.
PC and Software	Win 11 based multi-tasking software, Branded PC and printer.
Additional requirement	The instruments should be approved registered brand, service certificates and Trade Mark Registry under Trade Mark Act 1999 (Govt. of India)



Technical Specification of RT-PCR

S.N.	Instrument	Specification
1.	RT-PCR	(i) The system should be automated and integrated with 0.2ml x 96 well Peltier based for both Realtime PCR and post-PCR (endpoint) analysis with recommended whole plate imaging and six independently temperature-controlled zones better than gradient technology. (ii) It should have interactive touch screen for standalone operation with 8 - 10GB onboard memory for storage of at least 2000 - 5000 runs. The system should have a direct connection to cloud with LAN or Wi-Fi. (iii) System should support recommended reaction volume of 10–100 µl. (iv) The Quoted System should support the temperature range from 4°C to 99°C with maximum block ramp more than 6°C/sec and run time less than 30 minutes in FAST chemistry. The instrument can also run in standard ramping mode with standard chemistry. (v) The System should utilize a single white bright LED source of excitation and detection by CMOS/photodiodes with whole plate imaging and can offer data acquisition to collect data for each filter combination in <2 seconds. (vi) The system should be factory calibrated for the FAM™/SYBR™ Green, VIC™/JOE™/HEX™/TET™, ABY™/NED™/TAMRA™/Cy™3, JUN™, ROX™/Texas Red™, Mustang Purple™, Cy5™/LIZ™. (vii) The system should be compatible with multiple applications such as Gene Expression, Genotyping, Copy Number Variation, Pathogen Detection, Strain Typing, and Viral Load, Mutation Scanning, Methylation and other Epigenetic Applications, miRNA profiling, Comparative Analysis Curve, Standard Curve, Relative Standard Curve, HRM analysis and protein thermal shift. (viii) System should detect differences in target quantity as small as 1.5-fold in single plex reactions and should have 10 logs of linear dynamic range. (ix) The system should be able to do single-plate analysis, absolute and relative gene expression, SNP genotyping, presence/absence, high resolution melt, multiplate analysis gene expression studies, SNP genotyping studies. (x) The normalization of reactions due to non-PCR related fluctuations should be possible by using any calibrated dye, passive dye capability for optional troubleshooting. (xi) The instrument should be capable of operating in standalone mode, without a computer being attached. (xii) Excitation range 450–680 nm. (xiii) Detection range 500–730 nm. (xiv) The system can be connected to the online ecosystem and instrument data/status will be automatically uploaded, allow users to access and securely share results with colleagues anywhere, anytime from any location with internet access. Preserve experiment or protocol integrity with locked workflows.

		(xv) System should have CE / ISO13485, RoHS certification & should be 21 CFR Part 11 compliance. (xvi) Minimum 10 PO copies from reputed government institute are required to be submitted with the tender. (xvii) Operating system for data analysis should be compatible with both Windows™ & Mac™ OS
2	Additional Requirement	The instruments should be approved registered brand, service certificates and Trade Mark Registry under Trade Mark Act 1999 (Govt. of India).

Technical Specification for CHNSO analyzer

Sr. No.	Component	Description
1	Main Features & Technical Specifications	• CHNS/O elemental analyzer capable of handling a wide variety of sample types in the field of pharmaceuticals, polymers, chemicals, environmental and energy, including solids, liquids, volatile and viscous samples • Modes of operation" CHN, CHN/S and Oxygen • Advanced combustion design for multiple sample analysis • Frontal Chromatography for simple, reliable and accurate measurements • EAS Data Management software for data handling
2	Operating mode	Should have CHN, CHNS, CHNSO or O mode
3	Detector range of analyzer	0.01 - 100% t 0.3 for C, H, N, S and O
4	Furnace temperature range	Combustion furnace temp > 1000 °C Reduction furnace temp > 900 °C
5	Pyrolysis temperature	> 1000 °C
6	Sample temperature	> 1500 °C related temperature for multiple types of samples
7	Sample weight	0 to 500mg
8	Time for analysis	CHN < 9 min CHNS < 11 min Oxygen < 5 min CN < 7 min
9	Detector	TCD
10	Accuracy Precision	or better with helium 0.3% or better
11	Autosampler	minimum 50 sample positions with solid and liquid autosampler and liquid sample sealing device
12	Ash removal	Assembly for ash removal/glass insert
13	Operations	Microprocessor controlled with automatic data transfer to computer
14	Software	Latest configuration with ability to provide calculations like elemental ratio, Empirical formula, % Polymer, Solvent of crystallization, CN ratio or the theoretic energy
15	PC system and Printer	(a) A desktop PC with all suitable ports matching with CHNS/O instrument. Latest Windows operating system (Windows 11 or later) and latest Microsoft office. (b) A colour laser printer shall be provided for graphic work.

		(b) A colour laser printer shall be provided for graphic work.
16	Gases and Gas saver mode	Helium and Argon compatibility Auto shut down, wake up, standby, and auto leak test
17	Gas cylinders	High purity (99.995%) helium. Sulphur and oxygen gas cylinder with double stage double meter gas regulator with stainless steel diaphragm and pressure gauge. High purity gas cylinders required for Sulphur and Qxygen analysis along with leak test analyzer
18	Standards / consumable kit	standards, consumable, sample preparation kits and consumables for analysis of CHNS/O for 1000 runs
19	Basic Infrastructure	Vibration free instrument table
20	Manual	2 set of Operation and maintenance manuals in English language should be supplied along with the system.
21	Performance Guarantee	System should be guaranteed for better accuracy. The accuracy of standard should be equal or *0.3 based on the internationally accepted Standard Reference Material
22	Microbalance	0.001 mg sensitivity with automatic weight transfer to analyzerassemblyand all required supporting sample preparation kit
23	UPS	branded appropriate UPS. The Cost of UPS should be inclusive
24	Additional Requirement	The instruments should be approved registered brand, service certificates and Trade Mark Registry under Trade Mark Act 1999 (Govt. of India).

Required quantity

S.No.	Name of the items	Quantity required
1	Infra-Red Spectroscope	1
2	Gas Chromatography-Mass Spectrometry (GC-MS) system	1
3	Fluorescence Spectrophotometer	1
4	RT-PCR	1
5	CHNSO analyzer	1
6	Microwave Reactor	1



Form I: Particulars of the Bidders

Name and full address of the organization	
Details of Registered Office Address Telephone No(s) Fax No(s) E-mail address (Official): Organization website: Year of Incorporation:	
Turn Over of the Organization(in crore) 2021-22: 2022-23: 2023-24:	
Income Tax Registration number (PAN)	
Goods and Services Tax(GSTN):	
Type of organization (Company/LLP)	
Name and addresses and designation of the persons who will represent the Bidder while dealing with the University. (Attach letter of authority)	
Has the organization blacklisted by any state or central government entity or any of its undertakings	
Business Results (last 3 years) 2021-22 2022-23 2023-24	Annual Turnover (Rs. in Crores)
(Authorized Signatory) Name: _____ Designation & Authority: _____ Place: _____ Date: _____ Stamp: _____	



Form II: Compliance Sheet for Pre-Qualification Criteria

Sr. No.	Criteria	Specific Requirement	Proof of Document Attached in Annexure by Company (Please attach annexure for each criterion)
1	Registration Certificate	Bidder should be a Company/ firm registered under the Indian Companies Act (or) a firm registered under the Limited Liability Partnership Act, 2008 (or) a firm registered under the Partnership Act, 1932 for the last 5 years.	
2	Sales Turnover in Lab Equipment Sales & Maintenance services	Average Annual turnover of the applicant firms/registered/ authorized dealers during each of the last three financial years (FY 2021-22, 2022-23, 2023-24), should be a minimum of Rs. 2.80 Crore.	
3	Certificates	Apart from company / firm registration, Participant must have registered under the following: - Valid GST Registration Certificate. - Income Tax Return with last three (FY 2021-22, 2022-23, 2023-24)	
4	Letter of authorization from OEM	The bidder should be an OM or their authorized dealer/representative. In case of authorized/ dealer representative, a letter of authorization/dealership clearly stating the component/equipment for which the authorized representative is representing on behalf of the original manufacturer (OM) must be furnished.	
5	Technical Capability	Bidder must have successfully undertaken the work with - Experience of working with at least 5 Government agency/ Educational Department/University - At least 1 supply orders to the Education Institution recognized by NAAC with Grade B++ and higher, funded by State Government/ Central Government of India minimum of Rs. 10Lakhs Ongoing projects will be considered.	
6	ISO Certificate	The Bidder in case of OEM preferably should	



		have ISO 9001: 2000/2008 /2015 Certificate	
7	Local Service Centers	The bidder should have technical manpower to provide service for support for supply of the Equipment this contract.	
8	Participant should not be an entity which has been black-listed by central/state Government	A self-certified letter by the authorized signatory of the bidder that the bidder has not been blacklisted by any Central / State Government(Central/State Government and Public Sector) or under a declaration of ineligibility for corrupt or fraudulent practices as on bid submission date.	

my

Form IV – PROPOSAL COVERING LETTER
[On the Letter head of the Bidder]

To,
The Registrar
Jai Prakash University,
Rahul Sankrityayan Nagar, Chapra, Saran.

Dear Sir,

1. With reference to the above RFP, having examined and understood the instructions, terms and conditions forming part of the RFP, we hereby enclose our offer for the supply, installation and maintenance of lab equipment and other ancillary Items, detailed in your above referred in RFP.
2. We further confirm that the offer is in conformity with the terms and conditions as mentioned in the RFP and all required information are enclosed.
3. We hereby undertake that the equipment to be delivered to the University will be brand new including all components and that software is licensed and legally obtained.
4. We understand that the University is not bound to accept the offer either in part or in full and that the University has right to reject the offer in full or in part without assigning any reasons whatsoever.

We understand that

- You are not bound to accept the lowest or any bid received by you, and you may reject all or any bid.
- If our Bid for the above job is accepted, we undertake to enter into and execute at our cost, when called upon by the purchaser to do so, a contract in the prescribed form. Unless and until a formal contract is prepared and executed, these bids together with your written acceptance thereof shall constitute a binding contract between us.
- If our bid is accepted, we are to be responsible for the due performance of the contract.
- Bidder means the bidder who is decided and declared so after examination of commercial bids.

Date dat _____ this _____ day of _____ 2025

Yours faithfully,

Signature
Name

Authorized Signatories
(Name & Designation, seal of the firm)
Date:



Form V: Non submission of EMD Declaration

(This form should be submitted by those bidders who are claiming waiving off of EMD)

To

The Registrar

Jai Prakash University,
Chapra.

Dear Sir,

Subject: Request for Proposal (RFP) for Supply, Installation, Commissioning of Laboratory Equipment for its maintenance to Jai Prakash University.

We _____ (bidder name), hereby undertake that we are liable to be suspended from participation in any future tenders of the Jai Prakash University for 3 years from the date of submission of Bid in case of any of the following:

1. If the bid submitted by us is withdrawn/modified during the period of bid validity.
2. If any statement or any form enclosed by us as part of this Bid turns out to be false / incorrect at any time during the period of prior to signing of Contract.
3. In case of we are becoming successful bidder and if:
 - We fail to execute the Contract within the stipulated time.
 - We fail to furnish Performance Bank Guarantee within the timelines stipulated in this RFP document.

Yours faithfully,

Date:

For _____

Signature _____

Name _____

Authorized Signatories

(Name & Designation, seal of the firm)



Form VI - EMD BANK GUARANTEE FORMAT

(To be stamped in accordance with Stamp Act)

Ref: Bank Guarantee No.:

Date:

WHEREAS M/s. _____ (Name & Address of the Firm) having their registered office at _____ (Address of the firms Registered office) (Hereinafter called the 'bidder') wish to participate in the tender No. _____ for

_____ University and WHEREAS a Bank Guarantee for (Hereinafter called the "Beneficiary") a sum of Rs. _____ (Rupees _____ Lac) valid till _____ (Mention here date of validity of this Guarantee which from the date of the submission of Tender's offer) which is required to be submitted by the bidder along with the tender.

We, _____ (Name of the Bank and address of the Branch giving the Bank Guarantee) having our registered office at _____ (address of Bank's Registered office) hereby give this Bank Guarantee No. _____ dated _____ and hereby agree unequivocally and unconditionally to pay immediately on demand in writing from the University or any officer authorized by it in this behalf any amount not exceeding Rs. _____ (Rupees _____ Lac) to the said University on behalf of the bidder. We _____ (Name of the Bank) also agree that:

- 1 Withdrawal of the tender or part thereof by the bidder within its validity, or
- 2 Non submission of Performance Security Deposit by the bidder, or
- 3 Withdraws his participation from the bid during the period of validity of bid document, and
- 4 Fails or refuses to participate in the subsequent Tender process after having been shortlisted.

Would constitute a default on the part of the bidder and that this Bank Guarantee is liable to be invoked and encashed within its validity by the beneficiary in case of any occurrence of a default on the part of the bidder and that the encashed amount is liable to be forfeited by the Beneficiary. This agreement shall be valid and binding on this Bank upto and inclusive of _____ (mention here the date of validity of Guarantee) and shall not be terminable by notice or by Guarantor change in the constitution of the Bank or the firm of bidder or by any reason whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, conceded with or without our knowledge or consent by or between the bidder and the University.

"Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this Guarantee shall not be assignable, transferable by the beneficiary (i.e. University). Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the Bank. Any invocation of the Guarantee can be made only by the beneficiary directly.



NOTWITHSTANDING anything contained hereinbefore,

1. Our liability under this guarantee is restricted to Rs. _____ (Rupees _____ Lacs).
2. Our Guarantee shall remain in force till _____ (Date of validity of the Guarantee) and a claim period of one month thereafter.
3. Unless demands or claims under this Bank Guarantee are made to us in writing on or before _____ (Date of validity of the Guarantee), all rights of Beneficiary under this Bank Guarantee shall be forfeited and we shall be released and discharged from all liabilities there under:

Place:

Date:-

Please mention here Complete Postal Address of the Bank with Branch Code, Telephone and Fax Nos. SIGNATURE OF THE BANK'S AUTHORISED SIGNATORY WITH OFFICIAL ROUND SEAL NAME OF DESIGNATED BANKS:

Note1 : The Bank Guarantee (B.G) Shall be from the Nationalize Banks or any other Banks, as Notified by the Finance Department, from time to time.

Note2: The B.G shall be signed by two bank officer jointly if the amount of B.G is more than Rs 50,000/- and B.G must have proper B.G number as per R.B.I guidelines.

Seal:

Date:



Form VII - Undertaking of Authenticity for Lab Equipment

To

Date:

The Registrar

Jai Prakash University, Chapra.

Sub: Request for Proposal (RFP) for Supply, Installation and Commissioning of Lab and ancillary equipments, vide our quotation number _____ dated _____

Dear Sir,

With reference to the Lab Equipment being supplied / quoted to you vide our invoice no. / quotation no. / order no. cited above.

We hereby undertake that all the components/parts/assembly/software used in the Lab Equipment shall be original new components / parts / assembly / software only, from respective OEMs of the products and that no refurbished / duplicate / secondhand components / Parts / Assembly / Software is being used or shall be used.

We also undertake that in respect of licensed system if asked for by you in the purchase order, the same shall be supplied along with the authorized license certificate and also that it shall be sourced from the authorized source.

Should you require, we hereby undertake to produce the certificate from our OEM supplier in support of above undertaking at the time of delivery / installation. It will be our responsibility to produce such letters from our OEM Supplier's at the time of delivery or within a reasonable time.

In case of default and we are unable to comply with above at the time of delivery or during installation for Lab Equipment already billed, we agree to take back the Lab Equipment without demur, if already supplied and return the money if any paid to us by you in this regard.

We also take full responsibility of both Parts & Service SLA as per the content even if there is any defect by our authorized Service Centre / Reseller / SI etc.

Authorized Signatory Name:

Designation:



Form VIII: - SELF-DECLARATION ABOUT NON-BLACK-LISTING
(On the Letterhead of the Bidder and to be submitted/ uploaded online)

To
The Registrar
Jai Prakash University
Chapra.

Dear Sir,

Subject: Request for Proposal (RFP) for Supply, Installation and Commission of Lab and ancillary Equipment.

I, M/s....., (the names and addresses of the registered office) hereby certify and confirm that we or any of our promoter(s) / director(s) are not blacklisted/banned/convicted by any court of law for any criminal or civil offences/declared ineligible by any University or any other entity of Government of Bihar or any entity of state government or central government, or any local self-government body or public undertaking in India for participating in future bids for unsatisfactory performance, corrupt, fraudulent or any other unethical business practices or for any other reasons, as on date of submission(upload) of online bidding document.

And that we are hereby, declaring all ongoing litigations where our promoter(s)/director(s) are involved in with any government agency/state/central department/PSU, and as mentioned below:

- 1.
- 2.
- 3.

We further confirm that we are aware that, our application for the captioned Project would be liable for rejection in case any material misrepresentation is made or discovered at any stage of the Bidding Process or thereafter during the contract period and the amounts paid till date shall stand forfeited without further intimation.

Dated this.....Day of....., 2025

Name of the Bidder/agency.....

Signature of the Authorized Person:.....

Name of the Authorized Person:.....

Designation of the Authorized Person:.....

Yours faithfully,

(Name & signature with stamp of the bidder)



Form IX - PROFORMA FOR BANKGUARANTEE FOR PERFORMANCE SECURITY

(To be stamped in accordance with Stamp Act)

Ref: Bank Guarantee No.:

Date:

WHEREAS.....(Name of Bidder) herein after called "the Bidder", has been identified and selected to supply, install and commissioning of lab and ancillary equipments, and has undertaken, in pursuance of work order number _____, dated _____ (herein after referred to as "the Contract") to supply, install and commissioning of lab and ancillary equipments in Jai Prakash University.

AND WHEREAS it has been stipulated in the said Contract that the bidder shall furnish a Bank Guarantee ("the Guarantee") from a Scheduled Bank for the project/performance of the supply, install and commissioning of lab and ancillary equipments as per the purchase order. WHEREAS we ("the Bank", which expression shall be deemed to include its successors and permitted assigns) have agreed to give the J.P University the Guarantee:

THEREFORE, the Bank hereby agrees and affirms as follows:

1. The Bank hereby irrevocably and unconditionally guarantees the payment of _____, to the University under the terms of their contract dated on account of full or partial non-performance / non- implementation and/ or delayed and/ or defective performance / implementation. Provided, however, that the maximum liability of the Bank towards University, under this Guarantee shall not, under any circumstances, exceed in aggregate.
2. In pursuance of this Guarantee, the Bank shall, immediately upon the receipt of a written notice from University stating full or partial non-implementation and/ or delayed and or defective implementation, which shall not be called in question, in that behalf and without delay/demuror set off, pay to University any and all sums demanded by University under the said demand notice, subject to the maximum limits specified in **Clause 1** above. A notice from University, to the Bank shall be sent by Registered Post (Acknowledgement Due) /Email at the following address:
Mr.
Attention
(Mention the official address of the bidder) and email ID _____.
3. This Guarantee shall come into effect immediately upon execution and shall remain in force for a period of **66 months** from the date of its execution.
4. The liability of the Bank under the terms of this Guarantee shall not, in any manner whatsoever, be modified, discharged, or otherwise affected by:
 - a. any change or amendment to the terms and conditions of the Contract or the execution of any further contracts/Agreements.
 - b. any breach or non-compliance by the bidder with any of the terms and conditions of any contracts/credit arrangement, present or future, between bidder and the Bank.
5. The Bank also agrees that University at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without



proceeding against agency and notwithstanding any security or other guarantee that University may have in relation to the bidder's liabilities.

6. The Bank shall not be released of its obligations under these presents by reason of any act of omission or commission on the part of University or any other indulgence shown by University or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the Bank.
7. This guarantee shall be governed by the laws of India and only the courts of Chapra, shall have exclusive jurisdiction in the adjudication of any dispute which may arise hereunder.

Dated this the.....Day of.....2025

Witness

(Signature) (Signature)

(Name) (Name)

Bank Rubber Stamp(OfficialAddress)

Designationwith Bank



Form I: Financial Proposal

As per the Financial Forms provided with Bid document.

- 1 The bidder/agency shall be required to quote for one or more than one items mentioned. Format of financial quote is shown in the table below:

SI No	Equipments	Cost of equipments for quantity one (A)	Cost of Comprehensive Maintenance Contract for 5 years (B)	Total Price quote in figures (A+B)	Total Price in figures
1	Infra-Red Spectroscope				
2	Gas Chromatography-Mass Spectrometry (GC-MS) system				
3	Fluorescence Spectrophotometer				
4	RT-PCR				
5	CHNSO analyzer				
6	Microwave Reactor				

Note: -

- (a) No other allowances like TA/ DA etc. will be paid by Jai Prakash University, Chapra.
- (b) It shall include all costs associated with the assignment including all freight, loading and unloading charges, transportation, labor charges, insurance etc. including training by the selected agencies on required items as may be requested by the university. The Tendering Authority will not bear any cost other than the lump-sum total cost quoted in the financial proposal.
- (c) The financial bid will have to be submitted as per standard on-line format (E-proc2) only.
- (d) The decision of the Jai Prakash University, Chapra will be final & will be binding on all firms.
- (e) During Evaluation of Financial proposals, Bidders are required to submit separate quotes for each piece of equipment and its corresponding Comprehensive Maintenance Contract (CMC). The evaluation will focus on identifying the lowest bidder for each equipment and CMC, with the overall award going to the bidder who presents the lowest total price across for each item. Bidders may choose to quote for one or multiple pieces of equipment.

Yours faithfully,

(Signature, name and designation of the authorized signatory)

Note: The Financial Proposal is to be submitted strictly as per forms given in the RFP

