



**Guru Gobind Singh Indraprastha University**  
("A State University established by Govt. of NCT of Delhi")  
**Sector 16-C, Dwarka, New Delhi-110 078**  
**(Purchase Branch)**

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Dated: 14.08.2025

**TENDER No.03/PUR/GGSIPU/2025-26**

**E-TENDER (NIT)**

Registrar, Guru Gobind Singh Indraprastha University invites e-tender from reputed and eligible contractors/firms in two bid systems (Technical & Financial) for the **Supply and Installation of Lab Equipments for Mechatronics Lab, USAR, East Delhi Campus** at Guru Gobind Singh Indraprastha University, Surajmal Vihar, Delhi-110092. Tender document can also be downloaded from Delhi Govt. e-procurement website i.e. [www.govtprocurement.delhi.gov.in](http://www.govtprocurement.delhi.gov.in). The details of Tender document can also be viewed from University Website <http://www.ipu.ac.in>.

1.	Name of work	<b>Supply and Installation of Lab Equipments for Mechatronics Lab at USAR, East Delhi Campus of Guru Gobind Singh Indraprastha University, Surajmal Vihar, Delhi -110092</b>
2.	The last date and time of uploading technical and financial bid on e-procurement website.	<b>03.09.2025 Upto 01.00 p.m.</b>
2.	Pre-bid meeting Date & Time	<b>21.08.2025 at 11:00 a.m.</b>
3.	Date and time for opening of Technical bid	<b>03.09.2025 at 02.30 p.m.</b>
4.	Estimated Cost of Material	<b>Rs. 56,52,200/- (inclusive of GST)</b>
5.	EMD	<b>Rs. 1,69,566/- i.e. 3% of the estimated tender value (inclusive of GST).</b>
6.	The bids shall be submitted in two stages viz.(i) <i>Technical bid</i> (ii) <i>Financial bid</i> . Detailed specification of the item(s) to be supplied is placed at <b><u>Section-III Annexure-G</u></b> . <b>The Technical &amp; Financial bid should be uploaded on e-procurement website i.e. <a href="http://www.govtprocurement.delhi.gov.in">www.govtprocurement.delhi.gov.in</a> (No documents need to be submitted in hard copy).</b>	
7.	Financial bid shall be opened after evaluation of technical bid and the date & time will be notified, thereafter on e-tender website <a href="http://www.govtprocurement.delhi.gov.in">www.govtprocurement.delhi.gov.in</a>	

**(REGISTRAR)**



# TENDER DOCUMENT

FOR

**Supply and Installation of Lab Equipments for  
Mechatronics Lab, USAR, East Delhi Campus**

AT

**USAR, East Delhi Campus  
Guru Gobind Singh Indraprastha University  
[A state University under Govt. of NCT of Delhi]  
Surajmal Vihar, Delhi -110092**

*Dy. Registrar (Purchase)  
Room No. L 010, Ground Floor, Library Block,  
GGSIPU, Sector 16C, Dwarka, New Delhi 110078  
Contact Nos. 011 25302149-150  
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# NOTICE INVITING TENDER

Registrar, Guru Gobind Singh Indraprastha University (GGSIPU) invites e-tender (in two bid system – Part I & II) from reputed and experienced bidders /suppliers for the following on Supply & installation basis:

1. **Particulars of Items:** Details of the items with specification is mentioned at **Annexure-G**
2. **Completion period:** Supply and installation **within 30 days** from the date of issue of award of the tender/issue of Purchase Order, whichever is later.
3. **Availability of Tender Document:** Tender Documents with detail terms & conditions can be downloaded from Delhi govt. e-procurement website.
4. **Qualification of the Tenderer:** The bidder must upload the documents on e-procurement website as per the **tender clause 13**.
5. **Validity Period of Offer:** The rates offered in Part II (Financial bid) should be valid for one hundred and eighty (180) days from the date of opening of Part I (Technical bid) of the Tender.
6. **Receipt and opening of Tenders:** The Technical Bid will be opened on the same day at **02.30 pm**.
7. GGSIPU reserve the right to accept or reject any or all the tenders wholly or partially without assigning any reason thereof.

## **SECTION-I**

### **INSTRUCTIONS TO BIDDERS**

#### **8.0 Scope & Work**

The work consists of:

- 8.1 **Supply and Installation of Supply and Installation of Lab Equipments for Mechatronics Lab, USAR, East Delhi Campus** at Guru Gobind Singh Indraprastha University, Surajmal Vihar, Delhi-110 092 as per specification in **Section-III (Annexure-G)**.
- 8.2 Comprehensive on-site **warranty** for a period of 36 months from the last date of completion/ installation for all the items supplied as certified by the University.

#### **9.0 Definitions:**

- 9.1 **GGSIPIU** means Guru Gobind Singh Indraprastha University, Delhi
- 9.2 **University** means Guru Gobind Singh Indraprastha University, Delhi
- 9.3 **Employer** means the Registrar, GGSIPU and his successor
- 9.4 **Bidder** means the Manufacturer/Vendor/Firm
- 9.5 **“Year”** means “Financial year” unless stated otherwise.

#### **10.0 Who can apply:**

- 10.1 If the bidder is a proprietary firm, the application shall be signed by the proprietor with his full typewritten name and the full name of his firm with its current address, Contact details etc.
- 10.2 If the bidder is a firm in partnership, the application shall be signed by all partners of the firm with their full typewritten names and current addresses, or alternatively, by a partner holding power of attorney for the firm. In the latter case a certified copy of the power of attorney should accompany the application. In both cases, a certified copy of partnership deed and current address of all the partners of the firm should accompany the application.
- 10.3 If the bidder is a limited company or a corporation, the application shall be signed by a duly authorized person holding power of attorney for signing the application accompanied by a certified copy of the power of attorney. The bidder should also furnish a certified copy of the Memorandum and Articles of Association duly attested by a Public Notary.
- 10.4 **Joint Venture/ Consortiums are not accepted.**

#### **11.0 Sealing and Marking of Bids**

- 11.1 Technical bid must be submitted on e-procurement website of each item and the respective Bid-Securing Declaration form for EMD as per **Annexure-I**.

#### **12.0 Bid Submission:**

- 12.1 The document comprise of the technical bids alongwith Bid-Securing Declaration Form should be uploaded on e-procurement website i.e. [www.govtprocurement.delhi.gov.in](http://www.govtprocurement.delhi.gov.in) **only (Not to be submitted in hard copy)**
- 12.2 Technical bid must be uploaded on e-procurement website and EMD (with validity of 180 days i.e. bid validity period +45 days) in FDR/DD/online only should be submitted in the office.
- 12.3 (i) The bidder shall submit **“Earnest Money Deposit”** alongwith covering letter in original (No other documents need to be submit in hard copy) in an envelope addressed to Dy. Registrar (Purchase), Guru Gobind Singh Indraprastha University, Sector 16-C, Dwarka, New Delhi-110078 only in case of EMD is in shape of FDR/ DD.

(ii) EMD can also be deposited in online mode in University Bank Account as per details below:-

<b>RTGS/ECS Details</b>		
<b>1.</b>	Accounts Holder Name	Registrar, Guru Gobind Singh Indraprastha University
<b>2.</b>	Account No.	927860555
<b>3.</b>	IFSC Code	IDIB000G082

4.	Bank Name	Indian Bank
5.	MICR Code	110019071
6.	Account type	SB (Saving)
7.	CBS Code/ Branch Code	02029
8.	Branch Name & Address	GGSIPIU, Sector-16C, Dwarka, New Delhi -110078
9.	Banker's Phone No.	011-28035244

(iii) **EMD EXEMPTION:** The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category of equipments with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

- 12.4 The envelope containing EMD shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared late or is declared non-responsive.
- 12.5 In case of submission of EMD Online (RTGS/ NEFT), there is no requirement of physical submission. A Declaration should be submitted with details of RTGS/ NEFT.
- 12.6 A pre-bid meeting shall be held on **21.08.2025 at 11:00 AM** in the Purchase Branch, GGSIPIU University with the interested and prospective bidders to resolve their queries and issues clarification (if any).
- 12.7 The **“Financial Bid”** shall comprise of the price bids uploaded on e-tender website i.e. [www.govtprocurement.delhi.gov.in](http://www.govtprocurement.delhi.gov.in)
- 12.8 Each page of the Technical Bid, Tender Document must be signed by the authorized signatory of the bidder.
- 12.9 Conditions other than those laid down in the Tender document will not be entertained.

### 13.0 Eligibility Criteria for Technical Bid

The formats/Annexure for the documents to be submitted, with Technical bids are placed at **(Annexure– A, A1, A2 to Annexure J):**

13.1	Letter of Transmittal	Annexure – A
	Declaration by Bidder	Annexure – A1
	Compliance to Bid Requirement	Annexure – A2
	A declaration by the manufacturer/firm/vendor as to the probable date of manufacture of the item for which financial bid has been made.	Annexure – A 3
	Organizational Structure: - Legal status of the company/ organization with legal proof along with certified copies.	Annexure - B
13.2	Income Tax Registration (PAN No. ) The intending bidder must attach Income Tax return for the last three years with the bid document or Gross Annual Income Certificate for the last three years duly certified by the Chartered Accountant.	Attach certified copies
	GST Registration Number	
13.3	Average financial turnover certificate of <b>Rs.56,52,200/-</b> during the immediate last three consecutive financial years, duly audited, signed & stamped by a Chartered Accountant. The bidder should not have incurred losses in more than two years in the last 3 consecutive financial years along with copies of audited profit and loss account of last three years.	Annexure C
13.4	Firm should have executed at least one of the following in the last three years: One single order of similar work having value of Rs.45,21,760/- OR Two similar work having value of Rs. 33,91,320/-. OR Three similar work having value of Rs. 22,60,880/- each  Explanation: Same and Similar nature of equipment means the work of supply and installation of similar or equivalent equipments mentioned at Annexure-G in public sector undertaking, Govt. department, Educational Institutions, Research Institutional or in reputed private sector. This should be certified by an authorized officer of the client organization on its letter-head.	Annexure D
13.5	That the bidder/ organization has not been debarred or blacklisted by any of the	Annexure – E

	Central/State Government/Departments /Organizations/Central or State PSU in last 3 years. In case the debarment or blacklisted has been revoked by the department or court then it shall not be considered as blacklisting or debarment. A declaration of fair business practice by the Bidder.	
<b>13.6</b>	An Undertaking (duly filled/ tick mark wherever applicable) is required to be submitted by the prospective bidders in the prescribed format as per Rule 144 (xi) of GFR 2017 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.	<b>Annexure – J</b>
<b>13.7</b>	The intending bidder must submit compliance report of each item of the bid.	Attach compliance report
<b>13.8</b>	The Manufacturer/firm/vendor should have a authorized service centre in Delhi / NCR only	Attach copy of proof
<b>13.9</b>	The proprietor/partners of the agency do not have any relative employee in the University.	Certificate to be given
<b>13.10</b>	<b>Authorization letter of the OEM</b> Upload Manufacturer authorization: Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.	Attach copy of proof
<b>13.11</b>	Comprehensive on-site <b>warranty</b> for a period of <b>36 months</b> from the last date of completion/ installation for all the items supplied as certified by the University.	Certificate to be given
<b>13.12</b>	<b>Supplier needs to demonstrate the quoted instrument at the University and show each point mentioned in the technical specification.</b> The quality of the equipments will be evaluated by the Technical Committee based on the physical demonstration by the bidder during the technical bid evaluation.	Attach copy of Acceptance
<b>13.13</b>	The official link of website of OEM/ manufacturer is also required to be mentioned on the letter head of the bidder for the equipments quoted by the bidder.	Certificate to be given
<b>13.14</b>	<b>MII Purchase Preference</b> <b>Minimum local content – 50%</b> The bidder shall be required to submit a certificate in support of minimum local content which will be issued by the OEM.	<b>Yes</b>

All the documents should be self attested by the bidder. University reserves the right to independently verify the documents submitted by the bidder from issuing authority.

#### **14.0 Opening of Technical Bids & Evaluation:-**

- 14.1 The details submitted by the bidders will be evaluated in the following manner:
- 14.2 The “initial eligibility criteria” prescribed in para **13.1 to 13.14 above** in respect of experience in similar class of works completed, financial turnover, profitability and valid registrations will first be scrutinized.
- 14.3 Examination of the specification of all the items will be done by specialized specification evaluation committee.
- 14.4 Even though any bidder may satisfy the above requirements, he/she would be liable to disqualification if he/she has:-
- 14.5 Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document.
- 14.6 Record of poor performance such as abandoning work, not properly completing the contract, or financial failures/weaknesses etc.

#### **15.0 Opening of Financial bid and evaluation:**

After the Technical evaluation of the bids, the University will open the ‘Financial Bids’ of all the bidders who have qualified in the Technical Eligibility Criteria as per Clause 13, at notified time, date and place, if any. **The lowest financial bidder total-wise shall only be considered for award of work.**

#### **16.0 Earnest Money Deposit:**

- 16.1 The Earnest Money Deposit (EMD) alongwith covering letter must be submitted in hard copy as per date and time mentioned above at **point No.12.3 to 12.5 and as per annexure-G.**
- 16.2 Tenders with no earnest money deposit will summarily be rejected. In case of successful bidder of the financial bids, the earnest money will be returned after obtaining the required **5% Performance Security** in the form of FDR/BG (**FDR/BG should be valid for a period of 38 months**) from the date of installation.
- 16.3 In the case of unsuccessful bidders, the Earnest Money Deposit will be refunded without any interest.
- 16.4 Those firms/ suppliers which are registered with MSME /MSE for the items mentioned in the tender document, are exempted for submission of EMD only and are required to submit a copy of valid registration certificate in place of EMD as per GFR 170(i) and clause 12 (iii) of the tender document.

#### **17.0 Financial Bid:**

The bidder shall quote unit item rates in INR only. No alterations in the form of tender, in the schedule of quantities or additions (Financial Bid) etc. shall be permitted. In case of difference between the rates of items written in figures and in words, the rates of items written in words shall be taken as correct. The rates quoted in schedule of quantity (Financial Bid) are for finished and completed items and no extra amount for cartage or transporting material, labour etc. shall be paid. The rates should be inclusive of all loads and lifts for all materials for the completed items and also include all taxes, insurance, royalties etc. as applicable. Indian Supplier has to quote the all inclusive of rate product i.e. freight, insurance, packing, handling, assembling, installation, commissioning upto the University or as given in the work order.

#### **18.0 General:**

- 18.1 All information called for in the enclosed forms should be furnished against the relevant places in the forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against at the relevant place. Even if no information is to be provided in a column, a “Nil” or “No Such Case” entry should be made in that column. If any particular/query is not applicable in case of the bidder, it should be stated as “not applicable”. The bidders are cautioned that incomplete information called for in the tender document or deliberate suppression of any information may result in the bid being summarily disqualified. Bids received after the expiry of the stipulated date and time mentioned in the tender document will not be entertained.
- 18.2 Overwriting should be avoided. Correction, if any, should be made by neatly crossing out, initialing with date and rewriting. Pages of the eligibility criteria document are to be numbered. Additional sheets, if any added by the bidder, should also be numbered. Bid should be submitted as a package with signed letter of transmittal.
- 18.3 References, information and certificates from the respective clients certifying suitability, technical knowledge or capability of the bidder should be signed by officer of the client organization with name & designation.
- 18.4 The bidder may furnish any additional information which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. He is, however, advised not to furnish superfluous information. No information shall be entertained after submission of tender document unless it is called for by the University.
- 18.5 Any information furnished by the bidder found to be incorrect either immediately or at a later date, would render him liable to be debarred from tendering/taking up of any work in GGSIPU **which may also result in forfeiture of performance security.**
- 18.6 The successful bidder shall have to work in co-ordination and co-operation with any other agencies appointed by the University to work simultaneously in the same or adjoining area. The decision of the University in case of any dispute between the different agencies appointed by the University shall be final and binding.
- 18.7 Income tax, Works Contract Tax and any other tax at the rates in force during the progress of contract / **award of work** that will be in force from time to time shall be recovered / deducted from the released payment amount.



- 18.8 GST or any other tax on material applicable on the date of submission of bid in respect of this contract shall be payable by the bidder and University will not entertain any claim whatsoever in respect of the same.
- 18.9 The bidder shall have to make his own arrangement at no extra cost to the University for water Supply & Installation, sanitation and electric Supply & Installation etc. at the site of work.
- 18.10 On acceptance of the tender, the name of the accredited representative(s) of the bidder who would be responsible for taking instructions from the University shall be communicated in writing to the Registrar.
- 18.11 If the bidder shall obtain a contract with GGSIPU as a result of wrong tendering or other non-bonafide methods of competitive tendering, the University reserves the right to terminate the contract without any liability to the bidder, which may also result to forfeiture of performance security.
- 18.12 Without prejudice to any of the rights or remedies under this contract if the bidder dies, the University shall have the option of terminating the contract without compensation to the legal heir of the bidder.
- 18.13 Escalation: Increase in rates of material / Labour shall not be payable on any account. Price quoted shall be firm and no escalation will be allowed on any account.
- 18.14 A bidder's bid security will be forfeited if the bidder: i) withdraws or amends its/ his tender; ii) impairs or derogates from the tender in any respect within the period of validity of the tender; iii) If the bidder does not accept the correction of his bid price during evaluation; and iv) If the successful bidder fails to sign the contract or furnish the required performance security within the specified period.

## **20.0 Scope of Works**

The Scope of work shall consist, Design, supply, installation, commissioning, testing and training to be completed in all respects, and its maintenance during warranty period for items mentioned as per specification given under **Section III** and demonstration & training to the concerned staff/faculty.

### **20.1 Specification for Work and Quality**

The procurement of various materials shall be either from the manufacturers or their main authorized dealers to ensure that no duplicate/spurious makes are used in the works. The entire work shall be warranted for a period of **36 months** against defective material with liability of replacement or to the satisfaction of the University.

### **20.2 Safety and Security**

Safety and Security of workers/staff, material, equipments, etc. will be the responsibility of the bidder. The university will not be held responsible on this account

- 20.3 The University reserves the right, without being liable for any damages or obligation to inform the bidder, to:

- (a) Amend the scope and value of contract to the bidder.
- (b) Reject any or all the applications without assigning any reason.

- 20.4 Any effort on the part of the bidder or his agent to exercise influence or to pressurize the University would result in rejection of his bid. Canvassing to any kind is prohibited.

- 20.5 The necessary demonstration & training to the concerned staff/faculty and technical support will be provided for the period of maximum 1 week by the company.

- 20.6 All the necessary manuals, documentations (2 Sets) will be provided in hard and soft form by the supplier only.

- 20.7 The commissioning and complete installation of all the equipment/machinery, including civil work, electrical work, pneumatic power supply etc. as per the setup finalized by the committee will be done by the supplier only.

- 20.8 **Default in After Sales Services:** In the event of any default and/or unsatisfactory after sales service by the supplier/tenderer/vendor/firm, the competent authority of the institute will be at liberty to repair during warranty/get the item repaired/serviced from other source/party at the cost of vendor. All the cost has to be paid by the vendor / supplier of instrument.

- 20.9 In case of software items, the suppliers should ensure that:

- a) Legal software is supplied in original sealed pouches/pkt.
  - b) A license agreement is enclosed with it
  - c) A registration card is available in software.
- 20.10 The bidder who will qualify the technical evaluation shall give demonstration of the equipments to the technical members of the committee. Price bids of only those bidders will be considered whose demonstration will be found satisfactory by the technical members of the committee.
- 21.0 Final decision making authority**  
 The University reserves the right to accept or reject any bid and to annul the process and reject all bids at any time, without assigning any reason or incurring any liability to the bidders. No claim whatsoever will be entertained / paid by the university to the bidder (s).
- 22.0 Summary Rejection of tender:**  
 22.1 The tenders not submitted the form for Bid-Securing Declaration for EMD (Annexure-I) shall be summarily rejected. Similarly, if the bidder proposes any alternation in or additions to the prescribed form of tender or decline to carry out any work of the tender document; or any conditions mentioned, etc., his tender is liable to be rejected.
- 23.0 Particular provisions**  
 23.1 The University reserves the right to execute the work or reject the tender without assigning any reason or incurring any liability to the bidder.  
 23.2 The University has the power to make alteration in, omission from, addition of or substitution for the original specifications, drawings, designs.
- 24.0 Amendment of tender document:**  
 24.1 Before the deadline for submission of tender, the University may modify the tender document by issuing addenda.  
 24.2 Any addendum thus issued shall be a part of the tender document and shall be uploaded on the e-procurement website ([www.govtprocurement.delhi.gov.in](http://www.govtprocurement.delhi.gov.in)). Prospective bidders must visit the website before filling and submission of Tender Document for such information.
- 25.0 Validity of Tender:**  
**One Eighty days** from the date of opening of **Technical Bid** of the tender. During this period no bidder shall be allowed to modify/ withdraw his tender.
- 26.0 Performance Guarantee:**  
 26.1 The successful bidder shall be required to furnish a **Performance Guarantee of 5%** after successfully installation of the product at site. The Performance Guarantee should be valid up to **60 days beyond warranty period i.e. 36 months**. The Performance Guarantee shall be accepted in the following form and shall be in favour of "Registrar, GGSIPU", payable at Delhi with a validity of months as under:-
  - i. Fixed deposit receipt (FDR) of a nationalized bank
  - ii. Bank Guarantee (As per Annexure-H)
- 26.2 Performance Guarantee will be refunded after completion of the warranty **period as per clause 27**.
- 26.3 In case of non submission of Performance Guarantee within specified time the University may consider to black list/de-bar the bidder.
- 26.4 In case a fixed deposit receipt/ Bank Guarantee of any bank is furnished by the bidder to the University as part of the Performance Guarantee and the Bank is unable to make payment against the said instrument. The loss caused thereby shall fall on the supplier and the supplier shall forthwith on demand furnish additional security to the University to make good the deficit.
- 27.0 Warranty**  

The bidder shall provide comprehensive on-site **warranty** for a period of **36 months** for all items from the last date of completion/ installation as certificate issued by the University and shall be responsible for any defects that develop in the item. They shall also replace any defective part of the product supplied and other accessories, without any exception and recourse, free of cost.

The bidder is responsible for all packing, unpacking, assembly, installation of units. The bidder will test the products and accomplish the adjustments necessary for successful and continuous operation of the products supplied at all installation sites and shall ensure maintenance of the supplied products during the warranty period. All the repairing / replacing of defects shall be done by the bidder totally free of cost.

## **28.0 Option Clause**

The University reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

## **29.0 Duration**

The items covered under this tender are required to be delivered and installed at **USAR, East Delhi Campus of Guru Gobind Singh Indraprastha University, Surajmal Vihar, Delhi-110092 within 30 days.**

## **30.0 Payment Terms**

- 30.1 The payment will be released after satisfactory complete installation, demonstration, commissioning, training and receipt of performance guarantee of the product.
- 30.2 Each invoice should be submitted in duplicate clearly specifying contact no, goods description, quantity, unit price, total amount, bank details along with warranty certificate, etc.
- 30.3 No advance payment will be made under any circumstances.

## **31.0 Delay and Non Conformance**

- 31.1 If the bidder fails to Install the Equipment with in the period specified in the Purchase Order, University shall without prejudice to its other remedies under the Purchase Order, deduct from the contract price, as liquidated damages, a sum equivalent to 1% (one percent) of the contract price of the delayed goods weekly or part thereof of delay until actual delivery. The penalties will be maximum of 10% of the contract amount / awarded value.
- 31.2 In case of extraordinary delay or beyond 90 days of stipulated delivery period, University reserves the right to terminate the contract, without any liability to cancellation charges, forfeit/en-cash the submitted Performance Guarantee and blacklist/debarred the defaulting firm.

## **32.0 Services during warranty period**

- 32.1 The maximum response time for maintenance complaint during warranty period (i.e. time required for bidder's maintenance engineer to report at the installation after a request call is made or letter is written) shall not exceed 05 working days.
- 32.2 The period for correction of defects during warranty period is 3 weeks.
- 32.3 In case an item is not useable beyond the stipulated maximum downtime the bidder will be required to arrange for an immediate replacement.
- 32.4 In case the rectification of defects is not carried out within 3 week and replacement of defective items are not provided, a penalty of sum equivalent to 1% per week of the delivered price of that defective item(s) shall be levied. This penalty is applicable up to a maximum of 3 weeks (maximum 3%)

## **33.0 Packing and Marking**

- 33.1 All packing should be strong enough to withstand rough handling during loading/ unloading and transporting. Fragile articles should be packed with special precaution and should bear the marking like Fragile, handle with care, This side up etc.

## **34.0 Substitution and Wrong Supplies**

Unauthorized substitution or materials delivered in error of wrong description or quality or supplied in excess quantity or rejected goods shall be returned to the bidder at bidder's cost and risk.

## **35.0 Insurance, Freight and Deliveries**

- 35.1 The supplier shall make his own arrangements towards safe and complete delivery including insurance, freight, state level permits etc. as applicable at the designated locations indicated by University in the Purchase Order.
- 35.2 The bidder will keep University informed about changes, if any, in various stages of deliveries, installation.

**36.0 Arbitration and Settlement of Disputes:**

- 36.1 University and the bidder shall make every effort to resolve amicably by direct information negotiation by difference or dispute arising between them under or in connection with the University order.
- 36.2 If after thirty (30) days from the commencement of such informal negotiations, University and the supplier are unable to resolve amicably the dispute, either party may require that the dispute be referred for resolution to the formal mechanisms as specified hereunder:
- 36.2.1 Any dispute or differences whatsoever arising between the parties out of or relating to the manufacturing, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by arbitration in accordance with the provisions of the Arbitration & Conciliation Act, 1996 and the award made in pursuance thereof shall be binding on the parties. The sole arbitrator shall be appointed by the Vice Chancellor, GGS Indraprastha University.
- 36.2.2 The performance under this contract shall not stop for any reason whatsoever during the said dispute/proceedings, unless the bidder is specifically directed by University to desist from working in this behalf.
- 36.2.3 The venue of arbitration shall be Delhi/ New Delhi. The language of proceedings shall be English. The Law governing the substantive issues between the parties shall be the Laws of India. All disputes are subject to the jurisdiction of the Delhi Courts only
- 36.2.4 It is also a term of that if any fees are payable to the arbitrator, these shall be paid equally by both the parties. It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims.

- 37.0 Force Majeure** For purpose of this Clause, Force Majeure shall mean fires, floods, natural disasters or other acts, that are unanticipated or unforeseeable, and not brought about at the instance of the party claiming to be affected by such event, or which, if anticipated or foreseeable, could not be avoided or provided for, and which has caused the non-performance or delay in performance, such as war, turmoil, strikes, sabotage, explosions, quarantine restriction beyond the control of either party. A party claiming Force Majeure shall exercise reasonable diligence to seek to overcome the Force Majeure event and to mitigate the effects thereof on the performance of its obligations under this Supply Order.

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

**SECTION II**  
**INFORMATION REGARDING TECHNICAL ELIGIBILITY**  
**(Annexure A to J)**

LETTER OF TRANSMITTAL

From:

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To

**The Registrar**  
GGS IPU  
Sector 16C, Dwarka,  
Delhi

Sub: Submission of Tender Document for “**Supply and Installation of Lab Equipments for Mechatronics Lab, USAR, East Delhi Campus at Guru Gobind Singh Indraprastha University, Surajmal Vihar, Delhi-110092**”.

Sir,

Having examined the details given in Tender document for the above work, I/we hereby submit the relevant information:-

1. I/we hereby certify that all the statement made and information supplied in the enclosed annexure / forms accompanying statement are true and correct.
2. I/we have furnished all information and details necessary for eligibility and have no further pertinent information to Supply & Installation.
3. I/we submit the requisite certified solvency certificate and authorize the Registrar, GGSIPU to approach Bank issuing the solvency certificate to confirm the correctness thereof. I/we also authorize the GGSIPU to approach individuals, employers, firms and corporation to verify our competence and general reputation.

Name & Signature(s) of Bidder(s) with seal

**DECLARATION BY THE BIDDER**

We \_\_\_\_\_ (Name of the Bidder) hereby represent that we have gone through and understood the Bidding Document (which in two parts) in Part-I (Commercial Section & Technical Section) and Part-II (Schedule of Quantities) and that our Bid has been prepared accordingly in compliance with the requirement stipulated in the said documents.

We are submitting a copy of Bidding Document marked “Original” as part of our Bid duly signed and stamped on each page in token of our acceptance. We undertake that Part-I and Part-II of the Bidding Document shall be deemed to form part of our bid and in the event of award of work to us, the same shall be considered for constitution of Contract Agreement. Further, we shall sign and stamp each page of this Part-I and Part-II as a token of Acceptance and as a part of the Contract in the event of award of Contract to us.

We further confirm that we have indicated prices in Schedule of Quantities and submitted in Price Bid in separately sealed envelope. We confirm that rate quoted by us includes price for all works/activities/supply etc. as mentioned in item description of the items in Schedule of Quantities.

**SIGNATURE OF BIDDER** : \_\_\_\_\_

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

**COMPANY SEAL** : \_\_\_\_\_

**Note :** This declaration should be signed by the Bidder’s representative who is signing the Bid.

**COMPLIANCE TO BID REQUIREMENT**

We hereby agree to fully comply with, abide by and accept without variation, deviation or reservation all technical, commercial and other conditions whatsoever of the Bidding Documents and Addendum to the Bidding Documents, if any, for subject work issued by GGSIPU.

We hereby further confirm that any terms and conditions if mentioned in our bid (Un-priced as well as Priced Part) shall not be recognized and shall be treated as null and void.

**SIGNATURE OF BIDDER** : \_\_\_\_\_

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

**COMPANY SEAL** : \_\_\_\_\_



**DECLARATION BY THE BIDDER**

We \_\_\_\_\_ (Name of the Bidder) hereby declare that the item for which we have quoted our price in the Financial Bid would not be an item used so far for demo/any other purposes and will be unused (brand new).

**SIGNATURE OF BIDDER** : \_\_\_\_\_

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

**COMPANY SEAL** : \_\_\_\_\_

**Note:** This declaration should be signed by the Bidder's representative who is signing the Bid.

## ORGANISATION STRUCTURE

1. Name & Address of the Bidder :
2. Telephone No./Fax No./ e-mail :
3. Legal status of the Bidder (attach copies of original document defining the legal status)
  - a) An Individual
  - b) A proprietary firm
  - c) A firm in partnership
  - d) A limited company or Corporation
  - e) A Public Sector Undertaking
4. Particulars of registration with various Government Bodies (Attach attested Photo Copy)  
Organization /Place of registration Registration No
5. A. PAN No. -----  
B. GST No. -----
6. Names and Titles of Directors & Officers with designation to be concerned with this work. :
7. Name & Designation of individuals authorized to act for the organization :  
(Pl attach power of attorney in favour of authorized representative duly signed by authorized signatory)
8. Has the Bidder ever required to suspend work for a period of more than six months continuously after you commenced the business? If so, give the name of the project and reasons of suspension of work. :
9. Has the Bidder, or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons for abandonment. :
10. Has the Bidder, or any constituent partner in case of partnership firm, ever been debarred/ black listed for tendering in any organization at any time? If so, give details. :
11. Has the Bidder, or any constituent partner in case of partnership firm, ever been convicted by a court of law? If so, give details. :
13. Any other information considered necessary but not included above. :

(Stamp, Name & Signature of Bidder)

**DETAILS OF ANNUAL TURNOVER**

**A. FINANCIAL DETAILS**

<b>Financial Years</b>	<b>Gross Annual Turnover (In Lakhs)</b>	<b>Profit/Loss (In Lakhs)</b>
2021-2022		
2022-2023		
2023-2024		

- B. Audited balance sheet and profit & loss account for above three years to be submitted.  
Must be attested by the Chartered Accountant.**

**Signature & stamp by Chartered Accountant**

**(Stamp, Name & Signature of Bidder)**

***Annexure – D***

**DETAILS OF SUPPLY OF ITEMS (AS PER SPECIFICATION GIVEN IN SECTION III  
BELOW) IN LAST 03 (THREE) YEARS**

S. No.	POSTAL ADDRESS OF CLIENT WITH CONTACT NUMBERS	STARTING DATE	SCHEDULED COMPLETION DATE	ACTUAL COMPLETION DATE	REASONS FOR DELAY, IF, ANY

**(Stamp, Name & Signature of Bidder)**

**DECLARATION FOR FAIR BUSINESS BY THE BIDDER**

This is to certify that We, M/s \_\_\_\_\_ in submission of this offer confirm that:-

- i) We have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements;
- ii) We do not have records of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.
- iii) Business has not been banned with us by any Central / State Government Department/ Public Sector Undertaking or Enterprise of Central / State Government.
- iv) We have submitted all the supporting documents and furnished the relevant details as per prescribed format.
- v) The information and documents submitted with the tender by us are correct and we are fully responsible for the correctness of the information and documents submitted by us.
- vi) We understood that in case of any statement/information/document furnished by us or to be furnished by us in connection with this offer is found to be incorrect or false, our EMD in full will be forfeited and business dealings will be banned.
- vii) We have not been punished / penalized by way of imprisonment in last three years.
- viii) We have not been blacklisted/ debarred by any of the Government/Public Sector Agency in last three years.
- ix) The proprietor/partners of the agency do not have any relative employee in the University.

SEAL, SIGNATURE & NAME OF THE BIDDER

Signing this document

**Form of Performance Guarantee  
Bank Guarantee Bond**

1. In consideration of the GGSIPU (hereinafter called “The University”) having offered to accept the terms and conditions of the proposed agreement between ----- and ----- (hereinafter called “the said bidder(s)”) for the work ----- (hereinafter called “the said agreement”) having agreed to production of a irrevocable Bank Guarantee for Rs.----- (Rupees ----- only) as a security/guarantee from the bidder (s) for compliance of his obligations in accordance with the terms and condition in the said agreement.  
  
We, ----- (indicate the name of the Bank) ----- (hereinafter referred as “the Bank”) hereby undertake to pay to the University an amount not exceeding Rs.----- (Rupees ----- only) on demand by the University.
2. We, ----- (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the University stating that the amount claimed is required to meet the recoveries due or likely to be due from the said bidder (s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.----- (Rupees ----- only).
3. We, the said bank further undertake to pay the University any money so demanded notwithstanding any dispute or disputes raised by the bidder(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.  
The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the bidder(s) shall have no claim against us for making such payment.
4. We, ----- (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the University under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Project-in-Charge on behalf of the University certified that the terms and conditions of the said agreement have been fully and properly carried out by the said bidder(s) and accordingly discharges this guarantee.
5. We, ----- (indicate the name of the Bank) further agree with the University that the University shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said bidder(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the University against the said bidder(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said bidder(s) or for any forbearance, act of omission on the part of the University or any indulgence by the University to the said bidder(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the bidder(s).
7. We, ----- (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the University in writing.
8. This guarantee shall be valid upto ----- unless extended on demand by the University. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs.----- (Rupees ----- only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the ----- day of ----- for ----- (indicate the name of the Bank)

**SECTION III****TECHNICAL SPECIFICATIONS**

Sl.No.	SPECIFICATIONS	Quantity	Total Estimated price (exclusive of GST)
1.	<p><b>Basic Pneumatic Trainer Kit compatible with modular workbench (minimum 2 drawers): (A+B = One Set)</b></p> <p><i>A. Each kit should consist of the following components (i.e., compatible in functioning with each other and above said workbench, and should be ISO-certified Make):</i></p> <ul style="list-style-type: none"> <li>I. Double-acting cylinder – minimum 2 Nos.</li> <li>II. Single-acting cylinder – minimum 1 No.</li> <li>III. 3/2-way valve with push button with spring return (N.O.)– minimum 2 Nos.</li> <li>IV. 3/2-way valve with push button with spring return (N.C.)– minimum 2 No.</li> <li>V. 3/2-way roller lever valve (N.C., Actuation: Roller lever)– minimum 3 Nos.</li> <li>VI. 3/2-way roller lever valve (N.C., Actuation: idle return roller lever)–1 No.</li> <li>VII. 5/2-way valve with selector switch – minimum 1 No.</li> <li>VIII. 5/2 pneumatically actuated DCV with return spring – minimum 1 No.</li> <li>IX. 5/2 pneumatically actuated DCV double-sided – minimum 3 Nos.</li> <li>X. OR logic valve – minimum 1 No.</li> <li>XI. AND logic valve – minimum 1 No.</li> <li>XII. Pressure sequence valve – minimum 1 No.</li> <li>XIII. Pneumatic timer – minimum 1 No.</li> <li>XIV. Quick exhaust valve – minimum 1 No.</li> <li>XV. Flow control valve with check valve – minimum 2 Nos.</li> <li>XVI. Manometer – minimum 2 Nos.</li> <li>XVII. Air filter with pressure controller and manometer – minimum 1 No.</li> <li>XVIII. Pressure controller and manometer – minimum 1 No.</li> <li>XIX. Distributor with 6 outputs – minimum 1 No.</li> <li>XX. Polyurethane plastic tube, Dia.: 4 mm or most suitable with other components, L: 20 m or more</li> <li>XXI. Tee connector for tube, D: 4 mm or should properly fitted with tubes – minimum 10 Nos.</li> <li>XXII. Filter Regulator Combination with Lubricator (FRL Unit) with pressure gauge, Filtration – atleast 40 microns: – minimum 1 No.</li> </ul> <p><i>Modular double-sided (vertically mounted, minimum L-1.5 m / W-0.7 m / H-1.7 m) workbench (minimum 2 drawers. 2 Nos), having grooved plate (Aluminium profile) and connection termination via quick disconnects coupling. 2 Nos.</i></p>	02 sets	Rs. 6,72,000/-
2.	<p><b>Basic Electro-Pneumatic Trainer Kit compatible with modular workbench (minimum 2 drawers): (A+B = One Set)</b></p> <p><i>I. Each kit should consist of the following components (i.e.,</i></p>	02 sets	Rs. 8,68,000/-

Sl.No.	SPECIFICATIONS	Quantity	Total Estimated price (exclusive of GST)
	<p><i>compatible in functioning with each other and above said workbench, and should be ISO-certified Make):</i></p> <ul style="list-style-type: none"> <li>I. Double-acting cylinder – minimum 2 Nos.</li> <li>II. Single-acting cylinder – minimum 1 No.</li> <li>III. Flow control valve with check valve – minimum 2 Nos.</li> <li>IV. Manometer – minimum 2 Nos.</li> <li>V. Filter Regulator Combination with Lubricator (FRL Unit) with pressure gauge, Filtration – atleast 40 microns: – minimum 1 No.</li> <li>VI. Air filter with pressure controller and manometer – minimum 1 No.</li> <li>VII. Distributor with 6 outputs – minimum 1 No.</li> <li>VIII. Polyurethane plastic tube, Dia.: 4 mm or most suitable with other components, L: 20 m or more</li> <li>IX. Tee connector for tube, D: 4 mm or should properly fitted with tubes – minimum 10 Nos.</li> <li>X. Power supply unit – minimum 1 No.</li> <li>XI. Relay unit with three relays, 4 changeover switches – minimum 1 No.</li> <li>XII. Signaling unit with an illuminated pressure switch, and three illuminated push buttons, each with a mini bulb – minimum 1 No.</li> <li>XIII. Limit switch, electrical, and actuation via trip cams (from the left), contact load: maximum 5 A – minimum 1 No.</li> <li>XIV. Limit switch, electrical, and actuation via trip cams (from the right), contact load: maximum 5 A – minimum 1 No.</li> <li>XV. 3/2-Way Solenoid Valve – minimum 1 No.</li> <li>XVI. 5/2-Way single Solenoid Valve – minimum 1 No.</li> <li>XVII. 5/2-Way double Solenoid Valve – minimum 1 No.</li> <li>XVIII. Proximity reed switch – minimum 2 Nos.</li> <li>XIX. Pressure and vacuum switch – minimum 1 No.</li> <li>XX. 4 mm connection cables: minimum 90 cables in diff. length as required and red and blue colour.</li> </ul> <p><i>Modular double-sided (vertically mounted, minimum L-1.5 m / W-0.7 m / H-1.7 m) workbench (minimum 2 drawers. 2 Nos), having grooved plate (Aluminium profile) and connection termination via quick disconnects coupling.2 Nos.</i></p>		
3.	<p><b>Universal PLC trainer kit-1, should work standalone or along with the Electro-Pneumatic Trainer Kit (Given in SN. 2): (A+B+C+D = One Set)</b>  <b>(preferably a reputed and ISO-certified Make, and Mounting arrangement to fix with an electrical mounting frame and should be able to be used as a tabletop),</b>  <b>Each Kit consists of :</b></p> <p><b>A.</b> <i>PLC with a Minimum of 8 Digital I/Ps &amp; 6 Digital O/Ps and 2 Analog I/Ps &amp; 1 Analog O/P, and individual switches for inputs should be provided.</i></p> <p><b>B.</b> <i>Inductive sensor – minimum 2 Nos.</i></p> <ul style="list-style-type: none"> <li>I. Sensing distance of 0 – 4 mm or more</li> <li>II. Power supply 10 – 30 V DC or more</li> <li>III. N/O contact (PNP) starting function</li> <li>IV. 360° rotatable, detenting every 15° without changing of Quick fix Position</li> </ul>	02 sets	Rs. 5,67,000



Sl.No.	SPECIFICATIONS	Quantity	Total Estimated price (exclusive of GST)
	<p>V. Connection via the 4 mm safety connectors integrated in the quick fix quick connector system</p> <p>VI. protection against polarity reversal, overload, and short circuit.</p> <p><b>C. Capacitive sensor –minimum 2 Nos.</b></p> <p>I. Sensing distance of 0 – 4 mm or more</p> <p>II. Power supply 10 – 30 V DC or more</p> <p>III. N/O contact (PNP) starting function</p> <p>IV. 360° rotatable, detenting every 15° without changing of Quick fix Position</p> <p>V. Connection via the 4 mm safety connectors integrated in the quick fix quick connector system</p> <p>VI. protection against polarity reversal, overload, and short circuit.</p> <p><b>D. Optical sensor –minimum 2 Nos.</b></p> <p>I. Sensing distance of 70 – 300 mm or more</p> <p>II. Power supply 10 – 30 V DC or more</p> <p>III. N/O contact (PNP) starting function</p> <p>IV. 360° rotatable, detenting every 15° without changing of Quick fix Position</p> <p>V. Connection via the 4 mm safety connectors integrated in the quick fix quick connector system protection against polarity reversal, overload, and short circuits.</p>		
4.	<p><b>Universal PLC trainer kit-2, should work standalone or along with the Electro-Pneumatic Trainer Kit (Given in SN. 2): (A+B+C+D = One Set) (preferably a reputed and ISO-certified Make, and Mounting arrangement to fix with an electrical mounting frame and should be able to be used as a tabletop),</b></p> <p><b>Each Kit consists of :</b></p> <p><b>A. PLC with a minimum of 20 (minimum 12 Fast, 8 Normal) Digital &amp; 4 Analog I/Ps and 12 Digital &amp; 2 Analog O/Ps, and individual switches for inputs should be provided.</b></p> <p><b>B. Inductive sensor: - minimum 2 Nos.</b></p> <p>I. Sensing distance of 0 – 4 mm or more</p> <p>II. Power supply: 10 – 30 V DC</p> <p>III. N/O contact (PNP) starting function</p> <p>IV. 360° rotatable, detenting every 15° without changing of Quick fix Position</p> <p>V. Connection via the 4 mm safety connectors integrated in the quick fix quick connector system</p> <p>VI. Protection against polarity reversal, overload, and short circuit.</p> <p><b>C. Capacitive sensor: - minimum 2 Nos.</b></p> <p>I. Sensing distance of 0 – 4 mm</p> <p>II. Power supply 10 – 30 V DC</p> <p>III. N/O contact (PNP) starting function</p> <p>IV. 360° rotatable, detenting every 15° without changing of Quick fix Position</p>	02 sets	Rs. 4,90,000

Sl.No.	SPECIFICATIONS	Quantity	Total Estimated price (exclusive of GST)
	<p>V. Connection via the 4 mm safety connectors integrated in the quick fix quick connector system</p> <p>VI. Protection against polarity reversal, overload, and short circuit.</p> <p><b>D. Optical sensor: - minimum 2 Nos.</b></p> <p>I. Sensing distance of 70 – 300 mm</p> <p>II. Power supply 10 – 30 V DC</p> <p>III. N/O contact (PNP) starting function</p> <p>IV. 360° rotatable, detenting every 15° without changing of Quick fix Position</p> <p>V. Connection via the 4 mm safety connectors integrated in the quick fix quick connector system protection against polarity reversal, overload, and short circuits.</p>		
5.	<p><b>Low Noise Compressor: Should be compatible with the above pneumatic and electro-pneumatic kits.</b></p> <ul style="list-style-type: none"> <li>• Pressure: 8 bar or more</li> <li>• Performance: 50 l/min or more</li> <li>• Reservoir capacity: 20-30 L</li> <li>• Noise level: 45 dB (A)/1 m</li> <li>• Design to work at Indian electricity supply: Single Phase, 240 V/50 Hz</li> </ul> <p><b>The compressor with connections to all the required workstations should be installed in the lab.</b></p>	01 sets	Rs. 49,000
6.	<p><b><u>Mechatronics Learning Modules: consisting of:(I+II+III= One Set)</u></b></p> <p>I. Wall posters: minimum 5 different wall posters with frame, size: 80 x 50 cm or bigger</p> <p>II. Magnetic Symbols of various mechatronics components – minimum 15 Nos.</p> <p>Cut section models: minimum 15 different Pneumatic / Hydraulic system components/ items</p>	01 sets	Rs. 6,92,000
7.	<p><b>Microcontroller Training systems (including technologies like AVR, ARM, PIC, and others) with Interface Modules and a compatible set of sensors: A+B = one set</b></p> <p><b>A. Embedded Training Platform/Kit with Application Modules. The Kit/Platform should be enclosed with transparent housing. Additionally, the kit should have plugin connectors (such as USB, PIN, ethernet, HDMI, etc) and/or suitable connectors with proper wires for the I/O interface/connections). Details of different Board/ Platform/Kit are as follows;</b></p> <p>I. 8051 Based Microcontroller Development Board/Platform/Kit, should have a keyboard-input, LCD, and PC interface for programming: <u>(minimum 1 unit)</u></p> <p>II. PIC Microcontroller Development Board/Platform/Kit, should have a keyboard input, LCD, and PC interface for programming: <u>(minimum 1 unit)</u></p> <p>III. AVR Microcontroller Development Board/Platform/Kit, should have a keyboard-input, LCD, and PC interface for programming: <u>(minimum 3 units)</u></p>	01 sets	Rs. 7,72,000

Sl.No.	SPECIFICATIONS	Quantity	Total Estimated price (exclusive of GST)
	<p>IV. ARM 7 Microcontroller development Board/Platform/Kit, should have a keyboard input, LCD, and PC interface for programming: (minimum 5 units)</p> <p><b>B. Additionally, the embedded training platform/kit should include various Application Modules: Such as;</b></p> <p>I. Input Interface card for Microcontrollers: 5 or more Nos.</p> <p>II. ADC &amp; DAC Module for Microcontrollers: 5 or more Nos.</p> <p>III. Display Interface Module: 5 or more Nos.</p> <p>IV. Motor Drive Module, should include DC, Stepper, and Servo Motors: 10 or more Nos.</p> <p>V. DC Motor with Digital Encoder Module: 5 or more Nos.</p> <p>VI. Digital Display Module (3.5 inch or more)&amp; Switch Module for Microcontrollers: 5 or more Nos.</p> <p>VII. 50 MHz 2-Channel Digital Storage Oscilloscope (02 or more Nos).</p> <p><b>All connections and controls should be clearly marked and conveniently located on the pennal to avoid overlapping during use.</b></p>		
8.	<p><b>Automation system modeling&amp; simulation software package (with interfacing module. (A+B = One Set)</b></p> <p><b>A. Automation system modeling&amp; simulation software for minimum 10 Users:</b></p> <p>I. The software package should include all various automation and robotics analyses such as pneumatic, hydraulic, PLC, embedded system, etc.</p> <p>II. The software should be compatible with the items such as electro-pneumatic, PLC kits, sensors, etc.</p> <p><b>B. Interfacing Module: Minimum 2 Units</b></p> <p>I. The Module should be able to interface the electro pneumatic training kit, PLCs, sensors, etc., with simulation software and control the kits through simulation software.</p> <p>II. It should have at least one USB port to connect with PC.</p> <p>III. Minimum two 24-pin system connectors and one 15-pin connectors.</p> <p>IV. It should have interface of at least 16 digital inputs &amp; 16 digital outputs, and 4 analogue inputs &amp; 2 analogue outputs.</p> <p>The unit is an interface unit for measuring, open-loop control, closed-loop control and it should connect the simulation to the real world.</p>	01 set	Rs. 1,20,000
9.	<p><b><u>Regulated DC Power Supply (Portable with multiple output channels and voltage-current display)</u></b></p> <p>No. of outputs: minimum 03 outputs</p> <p>Output 1 &amp; 2: voltage up to 30VDC and current up to 6A</p> <p>Output 3: voltage up to 05VDC and current up to 3A</p>	06 units	Rs. 5,60,000

Sl.No.	SPECIFICATIONS	Quantity	Total Estimated price (exclusive of GST)
	Max. output Power: 300 W or more <i>*The Manufacturer should have a service center in India</i>		

## 2. Special Conditions:

- I. Each pneumatic component should have a quick-fix arrangement for easy, quick & safe mounting.
- II. All the components should be included as simulation models in the component library of Automation system modeling & simulation software.
- III. The components should be fixed manually on the profile plate without tools.
- IV. Each pneumatic component should have pneumatic connectors, which should be fittable to the given tubing.
- V. The kit should be modular and upgradable so that future investments in higher levels of training are reduced.
- VI. OEM Authorization along with a declaration stating the use of branded (ex. – FESTO, SMC, PNEUMAX, JANATICS, etc.) make pneumatic equipment to be provided.
- VII. In-person training for a minimum of 2 working days (6-8 hours each day) to be provided to a batch consisting of a minimum of 2 faculties and 6 students.
- VIII. The bidder / OEM should provide a Pre-Dispatch Inspection (PDI) (if required) either in-person or online to the concerned officer of the buyer.
- IX. The bidder / OEM should have supplied similar equipment to reputed universities/colleges in India. Documentary proof to be submitted.
- X. The bidder / OEM must have a working service/support office in the same state as the buyer.
- XI. The bidder / OEM must provide the service request escalation matrix along with the contact details and address of the members.
- XII. One person is to be deputed by the company for at least 6 months (whenever required) post-delivery to initial upkeep of the newly installed systems.
- XIII. Minimum 3 years comprehensive warranty on all equipment/items.
- XIV. Safety: The system shall be designed with all possible safety interlocks
- XV. Valves -1) All the valves shall be conforming to IS 15407 or other relevant codes  
2) Preferred make Rexroth/SMC/FESTO/JANATICS or Similar

The individual connections and its fitting for each workbench, its installation and commissioning shall be in the scope of the supplier.

**SECTION IV****FINANCIAL BID****Supply and Installation of Supply and Installation of Lab Equipments for Mechatronics Lab, USAR, East Delhi Campus at Guru Gobind Singh Indraprastha University, Surajmal Vihar, Delhi-110092.**

S. No.	Description	Qty.	Unit Cost (in Rs.)	GST	Total Amount (in Rs.)
1.	Basic Pneumatic Trainer Kit compatible with modular workbench (minimum 2 drawers): (A+B = One Set)	02 sets			
2.	Basic Electro-Pneumatic Trainer Kit compatible with modular workbench (minimum 2 drawers): (A+B = One Set)	02 sets			
3.	Universal PLC trainer kit-1, should work standalone or along with the Electro-Pneumatic Trainer Kit (Given in SN. 2): (A+B+C+D = One Set)	02 sets			
4.	Universal PLC trainer kit-2, should work standalone or along with the Electro-Pneumatic Trainer Kit (Given in SN. 2): (A+B+C+D = One Set)	02 sets			
5.	Low Noise Compressor: Should be compatible with the above pneumatic and electro-pneumatic kits.	01 sets			
6.	Mechatronics Learning Modules: consisting of:(I+II+III= One Set)	01 sets			
7.	Microcontroller Training systems (including technologies like AVR, ARM, PIC, and others) with Interface Modules and a compatible set of sensors: A+B = one set	01 sets			
8.	Automation system modeling& simulation software package (with interfacing module. (A+B = One Set)	01 set			
9.	Regulated DC Power Supply (Portable with multiple output channels and voltage-current display)	06 units			
<b>Total Amount in Rs.(including all taxes, GST)</b>					

**Note:-**

- The total wise lowest financial bidder separately shall only be considered for award of work.**
- The bidder shall provide **36 months** warranty on all items from the last date of installation and shall be responsible for any defects that develop in the item. They shall also replace any defective part of the product supplied and other accessories, without any exception and recourse, free of cost. The period of warrantee will automatically treated as extended beyond 36 months if the instrument remain non functional more than 15 days after reporting non-functional.
- The rates of the items supplied by the bidder through local market/India must be quoted in INR only.

**(SEAL, SIGNATURE & NAME OF THE BIDDER)**

**SECTION - V**

**BID SECURING DECLARATION**

I.....(Name of the Bidder)..... Designation,  
of ..... (Name of the Company) do hereby submit this Bid Securing  
Undertaking that, if I withdraw or modify my Bid during the validity or, if I am awarded the  
contract and failed to sign the contract or to submit the Performance security before the  
deadline defined in the tender document, I shall be **suspended** for the period specified in the  
tender document from being eligible to submit Bids for contract with the entity that invited  
the Bids.

Name of the Bidder  
Name of the Company  
Dated

**Form 1.2: Eligibility Declarations**

(Ref ITB-clause 9.2)

(To be submitted as part of Technical bid)

(On Company Letter-head)

(Along with supporting documents, if any)

Tender Document No. Tend No./ xxx; Tender Title: GOODS

Bidder's Name \_\_\_\_\_

[Address and Contact Details]

Bidder's Reference No. \_\_\_\_\_ Date.....

*Note: The list below is indicative only. You may attach more documents as required to confirm your eligibility criteria.*

**Eligibility Declarations**

*(Please tick appropriate boxes or cross out any declaration not applicable to the Bidder)*

We hereby confirm that we are comply with all the stipulation of NIT-clause 3 and ITB-clause 3.2 and declare as under and shall provide evidence of our continued eligibility to the Procuring Entity as may be requested:

- 1) **Legal Entity of Bidder:** \_\_\_\_\_
- 2) **OEM/ Manufacturer/ Agent/ Dealership Status:** \_\_\_\_\_
- 3) We ☐ are/ ☐ are not a JV \_\_\_\_\_
- 4) We solemnly declare that we (including our affiliates or subsidiaries or constituents):
  - a) are not insolvent, in receivership, bankrupt or being wound up, not have our affairs administered by a court or a judicial officer, not have our business activities suspended and are not the subject of legal proceedings for any of these reasons;
  - b) (including our Contractors/ subcontractors for any part of the contract):
    - (i) Do not stand declared ineligible/ blacklisted/ banned/ debarred by the Procuring Organisation or its Ministry/ Department from participation in its Tender Processes; and/ or
    - (ii) Are not convicted (within three years preceding the last date of bid submission) or stand declared ineligible/ suspended/ blacklisted/ banned/ debarred by appropriate agencies of Government of India from participation in Tender Processes of all of its entities, for offences mentioned in Tender Document in this regard. We have neither changed our name nor created a new "Allied Firm", consequent to the above disqualifications.

- c) Do not have any association (as bidder/ partner/ Director/ employee in any capacity) with such retired public official or near relations of such officials of Procuring Entity, as counter-indicated, in the Tender Document.
  - d) We certify that we fulfil any other additional eligibility condition if prescribed in Tender Document.
  - e) We have no conflict of interest, which substantially affects fair competition. The prices quoted are competitive and without adopting any unfair/ unethical/ anti-competitive means. No attempt has been made or shall be made by us to induce any other bidder to submit or not to submit an offer to restrict competition.
- 5) **Restrictions on procurement from bidders from a country or countries, or a class of countries under Rule 144 (xi) of the General Financial Rules 2017:** We certify as under:

*"We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries, and solemnly certify that we fulfil all requirements in this regard and are eligible to be considered. We certify that:*

- (a) *we are not from such a country or, if from such a country, we are registered with the Competent Authority (copy enclosed). and;*
- (b) *we shall not subcontract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.*

**6) MSME Status:**

Having read and understood the Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 (as amended and revised till date), and solemnly declare the following:

- a) We are - Micro/ Small/ Medium Enterprise/ SSI/ Govt. Deptt. / PSU/ Others:.....
- b) We attach herewith, Udhyam Registration Certificate with the Udhyam Registration Number as proof of our being MSE registered on the Udhyam Registration Portal. The certificate is the latest up to the deadline for submission of the bid.
- c) Whether Proprietor/ Partner belongs to SC/ ST or Women category. (Please specify names and percentage of shares held by SC/ ST Partners):.....

**7) Start-up Status**

we confirm that we ☐ are/ ☐ are not a Start-up entity as per the definition of the Department of Promotion of Industrial and Internal Trade – DPIIT.

**8) Make in India Status:**

Having read and understood the Public Procurement (Preference to Make in India PPP - MII) Order, 2017 (as amended and revised till date) and related



notifications from the relevant Nodal Ministry/ Department, and solemnly declare the following:

**(a) Self-Certification for the category of suppliers:**

(Provide a certificate from statutory auditors/ cost accountant in case of Tenders above Rs 10 Crore for Class-I or Class-II Local Suppliers). Details of local content and location(s) at which value addition is made are as follows:

Local Content and %age	
Location(s) of value addition	

Therefore, we certify that we qualify for the following category of the supplier (tick the appropriate category):

- ☐ Class-I Local Supplier/  
☐ Class-II Local Supplier/  
☐ Non-Local Supplier.

**(b) We also declare that**

- ☐ There is no country whose bidders have been notified as ineligible on a reciprocal basis under this order for an offered Goods, or  
☐ We do not belong to any Country whose bidders are notified as ineligible on a reciprocal basis under this order for the offered Goods.

**9) Self-Declaration by Indian Agents/ Associates of Foreign Principals**

- (a) Self-attested documentary evidence about their identity (PAN, Aadhar Card, GSTIN registration, proof of address, etc.), business details (ownership pattern and documents, type of firm, year of establishment, sister concerns etc.) to establish that they are a bonafide business as per Indian Laws – are submitted as part of Form 1.1 annexed herewith.
- (b) Agency Agreement shall be submitted with Form 1.4. It shall cover
- the precise relationship, services to be rendered, mutual interests in business - generally and/ or specifically for the tender and
  - any payment the agent or associate receives in India or abroad from the foreign OEM/ principal, whether a commission or a general retainer fee.
- (c) Our Foreign principals, explicitly authorizing us to make an offer in response to the tender, either directly or in association with them, are listed in Form 1.3 and 1.4 annexed herewith. That also indicates their name, address, nationality, status (i.e., whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal).
- (d) The amount of commission/ remuneration included in the price (s) quoted by Bidder for agents or associated bidder is detailed in Form 1.4.
- (e) Confirmation is given in Form 1.4 annexed herewith from the foreign principals that the commission/ remuneration, reserved for Bidder in the quoted price(s), if any, shall be paid by the Procuring Entity in India, in

equivalent Indian Rupees on satisfactory completion of the Project or supplies of Goods and Spares.

**10)Penalties for false or misleading declarations:**

We hereby confirm that the particulars given above are factually correct and nothing is concealed and undertake to advise any future changes to the above details. We understand that any wrong or misleading self-declaration would violate the Code of Integrity and attract penalties as mentioned in this Tender Document.

.....  
(Signature with date)

.....  
(Name and designation)

Duly authorized to sign bid for and on behalf of

.....  
.....

[name & address of Bidder and seal of company]

DA: As in Sr 9 to 14 above, as applicable