

NOTICE INVITING TENDER (E-Procurement mode)

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान पुणे

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH

An Autonomous Institution, Ministry of Human Resource Development, Govt. of India

Dr. Homi Bhabha Road, Pashan Pune – 411008.

Tel: +91-020-25908017; Email: purchase@iiserpune.ac.in

Website: www.iiserpune.ac.in

Open Tender Ref. No: IISER/PUR/1205/18

Date: 15/01/2019

Indian Institute of Science Education and Research, Pune invites online bids (e-tender) in two bids systems, from OEM/Authorized distributors/Authorized dealer for the following.

Brief Details of Tender:

Item Description	Estimate Cost of Tender (Rs).	EMD (Rs).	Tender Fee inclusive GST @ 18% (Rs.)
Augmentation work of HPC Cluster Room	36.00/- Lakhs	72,000/-	1,180/-

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

Critical Dates of Tender

Sr.No	Particulars	Date	Time
1	Date of Online Publication/Download of Tender	15/01/2019	18.00 Hrs.
2	Pre-Bid Meeting	22/01/2019	14.00 Hrs.
3	Bid Submission Start Date	28/01/2019	18.00 Hrs.
4	Bid Submission Close Date	06/02/2019	15.00 Hrs.
5	Closing date & time for Submission of original EMD & Tender Fee	06/02/2019	15.00 Hrs.
6	Opening of Technical Bids	08/02/2019	15.00 Hrs.

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

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

Index Page

Sr. No	Description of Contents	Page No
1	INSTRUCTIONS FOR ONLINE BID SUBMISSION	3-4
2	CHAPTER-1 INVITATION FOR TENDER OFFERS	5-9
3	CHAPTER-2 INSTRUCTIONS TO BIDDERS	10-12
4	CHAPTER - 3 CONDITIONS OF CONTRACT	13-17
5	CHAPTER 4- SCHEDULE OF REQUIREMENTS, SPECIFICATIONS & ALLIED TECHNICAL DETAILS	18-29
6	CHAPTER-5 PRICE SCHEDULE	30
7	ANNEXURE – A - FORMAT/QUESTIONNAIRE FOR COMPLIANCE OF TERMS AND CONDITIONS	31-35
8	ANNEXURE – B - FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS	36
9	ANNEXURE – C - BID SECURITY FORM	37
10	ANNEXURE – D - MANUFACTURER'S AUTHORIZATION FORM	38
11	ANNEXURE – E – PREVIOUS SUPPLY ORDER LIST FORMAT	39
12	ANNEXURE – F - BIDDER INFORMATION FORM	40
13	ANNEXURE – G - BLACKLIST CERTIFICATE	41
14	ANNEXURE – H – ANNUAL MAINTENANCE CONTRACT	42
15	IMPORTANT NOTICE	43
16	CHECKLIST FOR BIDDERS	44

Instructions for Online Bid Submission:

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

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

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

REGISTRATION

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

SEARCHING FOR TENDER DOCUMENTS

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

PREPARATION OF BIDS

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

SUBMISSION OF BIDS

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

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

ASSISTANCE TO BIDDERS

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

CHAPTER 1
INVITATION FOR Tender Offers
Indian Institute of Science Education and Research (IISER), Pune invites e-Tender for
Augmentation work of HPC Cluster Room.

1. The BIDDERS are requested to give detailed tender in two Bids i.e.

a. Part -I: Technical Bid.

b. Part -II: Commercial Bid.

2. A Pre-bid conference will be held at IISER Pune, Purchase Section, Dr. Homi Bhaba Road, Pashan, Pune – 411008 on. 22-01-19 from 02:00 PM to 03:00 PM (IST). All prospective bidders are requested to kindly submit their queries to the address indicated above or email at purchase@iiserpune.ac.in so as to reach latest by 21/01/2019. During Pre-bid meeting the answers / clarifications to the queries will be made available and also uploaded on our website. No queries will be entertained after the Pre-bid meeting.

TIME SCHEDULE

Sr.No	Particulars	Date	Time
1	Date of Online Publication/Download of Tender	15/01/2019	18.00 Hrs.
2	Pre-Bid Meeting	22/01/2019	14.00 Hrs.
3	Bid Submission Start Date	28/01/2019	18.00 Hrs.
4	Bid Submission Close Date	06/02/2019	15.00 Hrs.
5	Closing date & time for Submission of original EMD & Tender Fee	06/02/2019	15.00 Hrs.
6	Opening of Technical Bids	08/02/2019	15.00 Hrs.

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

3. AVAILABILITY OF TENDER:

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

Technical Bid:

1. The online envelope clearly marked as "**Technical Bid - Envelope No. 1**" shall contain the all scanned copies of originals documents in PDF Format.
 - a) Compliance statement/questionnaire of tender terms and conditions as per **Annexure-‘A’**.
 - b) Compliance statement of specifications as per **Annexure- ‘B’**.
 - c) Bid Security/EMD as per **Annexure- ‘C’**.
 - d) Manufacturer authorization as per **Annexure –‘D’**.
 - e) Previous Supply Order List Format as per **Annexure –‘E’**.
 - f) Bidder Information Form as per **Annexure –‘F’**.
 - g) Blacklist Certificate as per **Annexure –‘G’**.
 - h) Annual Maintenance Certificate as per **Annexure –‘H’**.
 - i) Solvency certificates (not older than twelve months) issued by Scheduled/Nationalized bank with which BIDDER holds the current account.

- j) Copy of GST/ PAN No. and TIN No. allotted by the concerned authorities. If registered with the National Small Industries Corporation, the registration number, purpose of registration and the validity period of registration and a copy of NISC/MSME registration wherever it is applicable should also be provided in Technical Bid.
- k) Technical literature/ leaflets and complete specifications of quoted model(s) along with commercial terms and conditions.
- l) Undertaking that the successful BIDDER agrees to give a security deposit amounting to 10% of the purchase order value by way of Demand Draft in favor of The Director, IISER Pune.
- m) In case of exemption from submission of Bid security, proof of registration with **NSIC/MSME**
- n) Details of supplies of similar equipment's.
- o) Scanned copy of Tender Fee & EMD and it is required to submit the same in original in a sealed envelope at the following address

Assistant Registrar (Stores & Purchase)

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

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

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

Website: www.iiserpune.ac.in

TENDER FEE & EARNEST MONEY DEPOSIT DETAILS

- a) **Tender Fee of Rs. 1,180/- (One Thousand One Hundred Eighty only)** in the form of Demand Draft from Nationalized/scheduled bank in favor of The Director, IISER Pune. The firm registered with /NSIC/MSME as manufacturer for the supply of the same category of item for which the party is submitting quotation will be exempted from submission of FEE.
- b) **EMD of Rs. 72,000/- (Seventy Two Thousand only)** in the form of Bank guarantee (As per format enclosed as ANNEXURE- 'C') or Demand Draft of a scheduled bank in the name of Director, IISER, Pune valid for 180 days from the date of opening of the tender. The firm registered with /NSIC/MSME as manufacturer for the supply of the same category of item for which the party is submitting quotation will be exempted from submission of EMD. Intended parties will have to give proof of registration along with their quotation. EMD of the unsuccessful bidders shall be refunded without any interest at the earliest after finalization of the purchase of concerned item.
 - i. The EMD will be returned to the BIDDERS(s) whose offer is not accepted by IISER, PUNE within one month from the date of the placing of the final order(s) on the selected BIDDER(s). In case of the BIDDER(s) whose offer is accepted the EMD will be returned on submission of Bank Guarantee as Security Deposit (SD). However, if the return of EMD is delayed for any reason, no interest / penalty shall be payable to the BIDDERS.
 - ii. The successful BIDDER, on award of contract / order, must send the contract / order acceptance in writing, within 15 days of award of contract / order failing which the EMD will be forfeited.
 - iii. The EMD shall be forfeited: In case a successful BIDDER fails to furnish the Security Deposit.

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

5. Specifications:

Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our specifications. At the same time it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. A quotation has to be supported with the printed technical leaflet/literature of the quoted model of the item by the quoting party/manufacturer and the specifications mentioned in the quotation must be reflected /supported by the printed technical leaflet/literature. Therefore the model quoted invariably be highlighted in the leaflet/literature enclosed with the quotation. Non-compliance of the above shall be treated as incomplete/ambiguous and the offer can be ignored without giving an opportunity for clarification/negotiation etc to the quoting party.

6. Compliance Statements:

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

Envelope 2: “Commercial Bid” shall contain:

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

Note:

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

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

8. BID OPENING

- a) Technical Bids will be opened on 08-02-2019 at 15:00 Hrs.

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

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

9. Terms of the Technical Committee

- (i) On the due date the Technical bids will be opened and referred to the Technical Committee which is duly constituted by the Director, IISER, Pune. The committee will go through the technical aspects of the tender and recommend short listed firms. The recommendation of the technical committee is the final and binding on all the parties.
- (ii) The technical evaluation will be an assessment of the Technical Bid. IISER, Pune representatives will proceed through a detailed evaluation of the Technical Bids as defined in **Chapter IV (Schedule of requirements, specifications and allied technical details)**, in order to determine whether they are substantially responsive to the requirements set forth in the tender. In order to reach such a determination, IISER, Pune will examine the information supplied by the BIDDERS, and shall evaluate the same as per the specifications mentioned in this tender.
- (iii) The technical committee may formulate evaluation criteria in addition to the specifications and requirements indicated in the tender, in the interest of IISER, Pune and this criteria/recommendation will also form as a part of short-listing of the firms.
- (iv) The Technical Committee will examine all the Technical aspects of the bids received. Further, the Technical Committee may seek additional information from the existing users at IISER, Pune or from other Institutes and also call for Technical presentations from the BIDDERS if it is required so.
- (v) The information received and the bids already submitted together will be examined with reference to the tendered specifications and evaluation is made by the Technical Committee.
- (vi) After the technical evaluation is completed and approved, IISER, Pune shall inform to the BIDDERS whose bids have been rejected technically with the reasons for rejection on e-Procurement Portal (<https://eprocure.gov.in/eprocure/app>).
The commercial offers of the vendors whose technical offers are found to be technically deficient or do not meet the qualification criteria as specified in this tender will be returned to them without opening along with their EMD.
- (vii) The successful BIDDERS will be informed regarding the date and time of Commercial bid opening.
- (viii) The purpose of obtaining two bids (technical and commercial) is to evaluate all the firms on technical basis with reference to the tendered specifications, performance of similar Solutions/Applications elsewhere, obtaining users views with reference to the earlier supplies. This will enable the technical committee to arrive at a fair recommendation in the interest of the organization.

- (ix) In the event of seeking any clarification from various BIDDERS by IISER, Pune, the BIDDERS are required to furnish only technical clarifications that are asked for. No amendment to commercial bid will be entertained at that stage. In case if a BIDDER fails to quote for a particular item it amounts to non-compliance and hence such bid will not be considered for further evaluation. Further during this process if any BIDDER indicates the price during the clarification such bids also will not be considered for further evaluation.

10. **Bid Evaluation:**

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

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

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

CHAPTER-2: INSTRUCTIONS TO BIDDERS

1. PREPARATION AND SUBMISSION OF OFFERS:

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

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

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

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

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

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

f) Conditional tenders will be summarily rejected.

2. Delivery Period / Timeliness:

The deliveries & installation must be completed **within 60 Days** after placement of purchase order. The time is the essence of the contract. It is mandatory for the BIDDERS who respond to this bid to meet these expectations, as are tightly linked to IISER, PUNE's plans of completing the project within the time frame.

3. Security Deposit:

3.1 Within ten (10) days of the award of contract, the vendor shall furnish a Security Deposit amounting to 10% of the purchase order value in the form of Demand Draft/Bank Guarantee (**from scheduled Bank only**) favoring the Director, Indian Institute of Science Education and Research, Pune.

3.2 The IISER will forfeit the 10% security deposit if vendor fails to execute the order as per the Purchase Order. This Security Deposit will be refunded to the vendor only on successful installation of the EQUIPMENT / SYSTEM.

3.3 The Security Deposit should be valid for a period of warranty period as we plan to extend the same as Performance Bank Guarantee.

3.4 **Bank Guarantee wherever mentioned in this document may be read as "Bank Guarantee from any Scheduled Bank" only.**

4. Amalgamation/Acquisition etc.:

In the event the Manufacturer/Supplier proposes for amalgamation, acquisition or sale of its business to any firm during the contract period, the BUYER/Successor of the Principal Company

are liable for execution of the contract and also fulfillment of contractual obligations i.e. supply, installation, commissioning, warranty, maintenance/replacement of spares accessories etc. while submitting your bid, you may confirm this condition.

5. **Bid Validity Period:**

- 5.1. The prices must be valid at least for a period of **180 days** from the date of opening of the Tender. No changes in prices will be acceptable in any condition after opening of tender till the validity of the offer or execution of the order whichever is later
- 5.2. IISER, PUNE may ask for the BIDDER's consent to extend the period of validity. Such request and the response shall be made in writing only. The BIDDER is free not to accept such request without forfeiting the EMD. A BIDDER agreeing to the request for extension will not be permitted to modify his bid.
- 5.3 Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

6. **AWARD OF CONTRACT:**

Award Criteria

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

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

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

8. **Fraud and Corruption:**

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

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

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

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

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

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

CHAPTER - 3 : CONDITIONS OF CONTRACT

1. Prices:

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

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

A. For Goods manufactured in India:

- (i) The price of goods quoted Ex-Works including taxes already paid.
- (ii) GST and other taxes like excise duty etc. which will be payable on the goods if the contract is awarded.
 - (a) The charges for inland transportation, insurance and other local service required for delivering the goods at the desired destination as specified in the price schedule form.
 - (b) The installation, commissioning and training charges including any incidental services, if any.

2. Performance Bank Guarantee:

The 10% Security Deposit which is mentioned above may be extended as Performance Bank Guarantee for a period of warranty period.

3. Performance Benchmarks:

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

4. Pre-installation:

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

5. INSTALLATION:

- 5.1 BIDDER shall be responsible for installation / demonstration wherever applicable and for after sales service during the warranty and thereafter.
- 5.2. Installation demonstration to be arranged by the supplier free of cost and the same is to be done within 15 days of the arrival of the equipment at site.
- 5.3. After successful installation what will be the minimum down time of equipment/instrument in case of breakdown. If the identified firm or person fails to put the system into working condition what is the further alternative course of action suggested by you to adhere to minimum down time.

6. **INSPECTION:**

- 6.1 The inspection of the work will be done by our technical expert /Scientist in the presence of firm's representative.
- 6.2 In case of receipt of the material in short supply or damaged condition the supplier will have to arrange the supplies/ replacement of goods free of cost pending the settlement of the insurance case wherever applicable on FOR at the IISER. Or CIF basis till satisfactory installation of the system.
- 6.3 The supplier **should arrange for physical inspection of the items directly or through their authorized representative within seven days of arrival of the consignment failing which they will be responsible for the losses.** After the shipment is effected, the supplier/its representative/Indian agents must remain in touch with the lab/institute. to ascertain the date of arrival of consignment.

7. **Training:**

Wherever needed, Our Scientist/Technical persons should be trained by the supplier at the project site free of cost. In case the person is to be trained at supplier's site abroad or in India it should be mentioned in the quotation clearly. The supplier should bear all the expenses for such training including 'to & fro' fares and lodging & boarding charges.

8. **Warranty / Support:**

- 8.1. The items covered by the schedule of requirement shall carry **minimum one years of comprehensive warranty from the date of acceptance of the items by IISER, PUNE.** Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours. The comprehensive warranty includes onsite warranty with parts.
- 8.2. The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. This includes cost, insurance, freight, custom duty, octroi, local taxes if any should be borne by the beneficiary or his agent. A clear confirmation should be given for this item.
- 8.3. The warranty on the associated software should cover providing of upgraded version/s, if any, released during the warranty period free of cost.
- 8.4. The BIDDER shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 10 years from the date of supply of equipment on payment on approved price list basis.
- 8.5. The equipment must be supported by a Service Centre in India manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contact the Principal's vendor support Centre on a toll free number/web/mail.
- 8.6. An undertaking from the manufacturer is required in this regard stating that they would facilitate the BIDDER on regular basis with technology / product updates & extend support for the warranty as well.

- 8.7. The vendor will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.
- 8.8. The principal vendor must have a local logistics support by maintaining a local spares depot in the country of deployment of the equipment. This is to ensure immediate delivery of spares parts from Principal Vendor of equipment to its channel partner/system integrator.
- 8.9. Details of onsite warranty, agency who shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance Contract beyond warranty shall be given in the offer. In case of foreign quote, the Indian Agent who shall maintain during warranty and AMC beyond warranty shall be given in the Technical Offer.
- 8.10 **COMMENCEMENT OF WARRANTY PERIOD:**
The warranty period of an item shall commence after receipt of the items in good working condition and from the date of its satisfactory installation/commissioning/demonstration at the project site in IISER, Pune. The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services.
9. **Reasonability of Prices:**
9.1 Please quote best minimum prices applicable for a premiere Educational and Research Institution,
9.2 The party must give details of identical or similar equipment, if any, supplied to any IITS/IISERS/ CSIR lab/Education Research Institute during last three years along with the final price paid and Performance certificate from them.
10. **Annual Maintenance Contract:**
10.1. The party must mention in the quotation, the rate/amount of annual maintenance charges, if we opt for maintenance contract after expiry of the warranty period. This is mandatory to mention, wherever applicable.
10.2. No sub-contracting will be allowed for installation or maintaining system/ equipment / instrument during or after warranty period.
11. **Indemnity:**
The vendor shall indemnify, protect and save IISER, PUNE against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the equipments supplied by him.
12. **Freight & Insurance:**
Indigenous : The items to be supplied will be insured by the vendor against all risks of loss or damage from the date of shipment till such time it is delivered at IISER, PUNE site in case of Rupee transaction.

13. **Payment:** - **No advance payments are allowed under any circumstances.**

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

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

14.1. As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to. Otherwise the IISER will forfeit EMD/SD and also LD clause will be applicable /enforced.

14.2. If the supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 1% of order value per every week of delay subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier.

14.3. IISER, PUNE reserves the right to cancel the order in case the delay is more than 10 weeks. Penalties, if any, will be deducted from the Security Deposit.

15. **Jurisdiction:**

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

16. **Force Majeure:**

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

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

17. **Dispute Settlement:**

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

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

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

- (a) In case of Dispute or difference arising between the IISER Pune and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director IISER Pune, if he is unable/ unwilling to act, to the sole arbitration of some other person appointed by his willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.
- (b) In the case of a dispute between the Purchase and a Foreign supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.

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

Assistant Registrar (S&P)

Chapter 4: SCHEDULE OF REQUIREMENTS, SPECIFICATIONS & ALLIED TECHNICAL DETAILS

Name of Work : - Augmentation work of HPC Cluster Room at Chemistry 1st floor at Main building IISER Pune.

Sr. No	Item Description	Quantity	Unit	Rate	Amount
1	<p>Supply of Precision Package Air conditioning system as per specifications given below Floor Mounted, Bottom discharge Air Cooled DX type Precision Air conditioners of 36 KW (10TR) actual cooling capacity unit which work on individual circuit. Gross Total cooling Capacity at return air temperature of 24deg C DB & 50 % RH (+/- 5 % variation in set value) and Outdoor Ambient Condition of 35 Deg C with R-410a Refrigerant Gas only but machine should be capable of working during peak summer temperature of 40-42DegC , Size : W x D x H 1200 mm x 900 mm x 2000 mm. Supply air temperature Below 20 deg C.</p> <p>The Indoor unit shall comprise of Scroll Compressor, DX type with totally Double skin sandwiched panels on all four side with 20 mm 32 Kg/ cum Glass wool internal insulation, Indoor and outdoor unit body material : GI powder coated, Evaporator Fan complete with Backward curved type with EC motor, Evaporator DX Cooling Coil with hydrophilic coating, Microprocessor controllers, Electronic Expansion valves, Filter Driers, G4 Filter, Suction and Discharge piping, Internal power and Control wiring, Crankcase heaters, Humidifiers, Heaters, HP/LP Cut-outs, Power and Control contactors, filters, machine inbuilt with Liquid receiver, water leak detector for unit and Other Electrical accessories. The evaporator coil should be with hydrophilic coating & stainless steel drain tray.</p>				
	<p>The Air-cooled Outdoor Condenser unit shall comprise of Condenser fans & motor, Condenser cooling coil (Copper coil with aluminium fins), Isolator switch. The Air cooled condenser shall be with fan speed regulator.</p> <p>The unit shall be suitable for operation on 375 to 455 Volts, 50 Hz, 3 Phase, 4 Wire AC supply. Each unit should be having individual display panel, which shall display date, time, actual & set values, operating conditions, signal faults, collective faults, limiting values and PAC wellness alarm / service alarm to reduce the down time and unit memory shall hold minimum 200 most recent events with ID number, time and date stamp for each event.</p>				
	<p>Precision Package Air conditioning unit controller for synchronising the multiple numbers of identical units towards as single system with required communication & power cables and can be used for timely rotation as required. During breakdown of any of unit, remaining units should work normal with out disturbing output condition. Each unit should be having individual display, which shall display actual & set values, operating conditions, signal faults, collective faults, limiting values and PAC wellness alarm. Auto sequencing of machines & fault changeover. The new units must be able to communicate with the existing installed & work as a single complete system. All features such as timely rotation, fault rotation, temperature override etc must be possible with all units. The quoted rates shall be inclusive of all taxes and levies, duties, lead, lift, transportation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.</p>				
	<p>36 kW (10TR) Actual Total Capacity@ 4944CFM at 20 Pa ESP ; based on Return air conditions: 24Deg C, RH 50% and with outdoor air temp. of 35DegC with R-410a Refrigerant Gas but machine should be capable of working during Pune peak summer temperature.</p>	3	Each		
	Items included in the PAC units are as below:				
	Eco-friendly & Energy efficient "R410a refrigerant"				
	Class "O" fire rated insulation				
	Scroll Compressor compatible				
	Double Skin construction for all "4sides with 20 mm Glass wool insulation"				
	Hydrophilic coated evaporator Slant Cooling Coil				
	Energy Efficient Backward curve fan Fan with EC Motor				
	Liquide Receiver				
	Stainless steel drain pan				
	Air cooled condenser with fan speed controller				
	G4 Filter				
	Clogged filter alarm				
	Electric heater				
	Electrode Humidifier 30% to 100% modulation - Energy efficient				
	Power Panel & starter for all drives				
	Individual unit Microprocessor				
	Water leak detector sensor				
	Sequencing of above Units				
	Standby rotation of above unit- Hourly rotation				
	In-built dehumidification system				
	Sight glass				
2	<p>Supply and installation of MS stand for Precision Package Air conditioning unit indoor as per site requirement and as instructed by Engineer in charge. The quoted rates shall be inclusive of all taxes and levies, duties, lead, lift, transportation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.</p>	3	Each		
3	<p>Supply and installation of MS stand for Precision Package Air conditioning unit outdoor as per site requirement and as instructed by Engineer in charge. The quoted rates shall be inclusive of all taxes and levies, duties, lead, lift, transportation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.</p>	3	Each		

4	Lifting, shifting & positioning of units to site with vaccuming & commissioning as per site requirement and as instructed by Engineer in charge. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	3	Lot		
5	Supply & installation of Interconnecting Copper piping between indoor & outdoor unit for gas & liquid line combine, comprises of all joints elbows, tees, U Loops and Etc. Copper piping will be duly insulated with nitrile rubber of 18mm thick in airconditioning space only, The pipie should be of minimum 18Guage pipe.Rate shall be inclusive of the cost of all the materials, joints, structural supports, complete as per direction of Engineer in charge. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	120	M		
6	Supply, installation, testing and commissioning of copper cable (2.5 sqmm x 3 core PVC insulated) between Indoor unit and outdoor units with PVC conduit as complete.The rate shall be inclusive of cost of all the materials, labour for installation, as per site requirement and as instructed by Engineer in charge. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	140	M		
7	Supply and laying of (2.0 sq mm *4 core) Control Cabling with copper conductor shielded copper cable FR / FRLS of approved make with end termination for indoor units (from indoor to outdoor unit & interconnecting control cabling). The cable should pass through hard PVC conduit. The cost of conduit should be included in cable cost.The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	140	M		
8	Supply, installation, testing and commissioning of PVC Drain piping of 40 mm inner dia with 6 mm thick nitrile rubber insulation along with support, joints & required accessories. The rate shall be inclusive of cost of all the materials, labour for installation, as per site requirement and as instructed by Engineer in charge. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	30	M		
9	Supply, installation, testing and commissioning CPVC water piping of 12 mm inner dia along with support, joints & required accessories for humidifier. The rate shall be inclusive of cost of all the materials, labour for installation, as per site requirement and as instructed by Engineer in charge. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	50	M		
10	Supply and charging of R410a refrigerant gas in above system as complete and as per directions given by Engineer in charge. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	90	kg		
11	Supply and laying of 4 core x 10 sqmm size copper armoured, PVC insulated 1.1 KV grade cable on surface as required. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	45	M		
12	Supply and laying of 3 core x 1.5 sqmm size copper flexible, green coloured PVC PVC conduit as required for machine to machine communication. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	20	M		
13	Supply, installation, testing and commissioning of Air Floor grill (600 mm x 600 mm) with volume control damper as per site requirement and as instructed by Engineer in charge. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	24	Each		
14	Supply, installation, testing and commissioning of Floor insulation of Class "O" nitrile rubber insulation of 13mm thick with glue as per standard (SR505).Rate shall be inclusive of the cost of all the materials, labour, supports etc, complete as per direction of Engineer in charge. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	80	M ²		
15	Supply of Following size of PVC insulated and PVC sheathed power cable of 1.1 KV grade.				
a	3 1/2 C x 150 sq mm Al. Conductor armoured cable	120	M		
b	4 C x 16 sqmm Cu. Conductor multistand armoured cable	120	M		
c	1 C x 16 sqmm Cu. Conductor multistand flexible cable	30	M		
16	Laying of one number PVC insulated PVC sheated /XLPE power cable of 1.1 kv grade of following in the existing open duct/cable tray as required. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.				

a	upto 35 sq.mm	120	M		
b	above 95 sq.mm and upto 300 sq.mm	120	M		
17	Supplying and making end termination with brass compression gland and aluminium or copper lugs for following size of PVC insulated and PVC sheated/XLPE AL./Cu.conductor cable of 1.1 KV grade as required. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.				
a	3 1/2 C x 150 sq mm Al. Conductor armoured cable	2	Each		
b	4 C x 16 sqmm Cu. Conductor multistand flexible cable	6	Each		
18	Supply and installation of MS perforated, powder coated, following size, 14 swg cable tray with cover and accessories as per site requirement. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.				
a	Powder coated 150mm x 75mm MS with cover (14SWG)	10	M		
	LT PANEL :				
19	Supply, installation, testing and commissioning of LT panel as per following specifications. Drawing, SLD, GA, BOM & specifications should be submitted to IISER Pune for approval before manufactureing of panel. The quoted rates shall be inclusive of all taxes and levis, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.				
	Supply, installation, testing and commissioning of 3 phase, 4 wire, 415 KV, 0.8 PF, 50 HZ panels. The fabrication shall be made with 14 SWG cold rolled sheet with M/C pressing, powder coated. The surface shall be rigorously treated for derusting in 7 tank process with dephosphating & paintingwith at least 2 coats of approved paint. The panel shall be totally enclosed metal clad type with double gasketting with rubber/ resin lining. The panel shall be having control directory pasted inside the panel. The panel shall be mounted on existing trench/ floor & shall have cable entry provision from the top & bottom with suitable alley as the case may be.				
	The panel shall be tested for the same KA rating of the relevant highest rating of MCCB. All components shall be from ISO-9001 companies and shall have relevant IS/IES approvals without fail. The panel shall be fully interlocked as required. The panel shall include baseframe channel support. (The single line daigram shall be closely followed)				
	1. The panel shall be design as per norms of CEIG/ PWD/ CPWD/ Maharashtra State Electricity Distribution Company Ltd.				
	2. Auxilliary contractor to be provided along with Auto-manual switch where ever required.				
	3. Ventilators shall be provided for Panels with rated bus bars.				
	4. Al bus earthing shall be provided for all panels.				
	5. Circuit Breakers shall confirm IS 13947-2IEC 947-2				
	6. All doors to have double rubber gasket with shutter assembly & door seating frame.				
	7. The LT outgoing panels shall have neutral busbars double the size of phase.				
	8. All breaker to have breaker manufacturer's factory made Spreaders.				
	9. In any case Aluminium busbar should not be connected directly to breaker without spreaders.				
	10. The control wiring has to be in appropriate size with MCB protection.				
	11. Irrespective of the Amp. Capacity all breakers shall be connected to the breakers using busbar only.				
	12. All vertical bus bars in bus bar alley shall have bottem supports.				
	13. All panels shall have top entry only.				
	14. Panel earthing strip should come out vertically on top the panel.				
	15. Earthing bus shall be coated to give a look of tin.				
	16. All indication should be proper colour and with protection of MCB.				
	17. All meters should have protetion of MCB.				
	18. Door earthings shall be provided for all doors.				
	Distribution Panel For PAC	1	Each		
	A) Cubicle Details:				
	Material of construction- CRCA-14 SWG				
	IP Protection- IP-52 as per IS 2147				
	Indoor cubicle type free standing & floor mounting				
	front/Rear panels- Hinged doors/ Removeble type				
	Gland plates-Undriled, dust & vermin proof				
	Cables entry details:				
	Incoming- All cables are from top / bottom				
	Outgoing- All outgoings by cables from top / bottom				
	B) Meters:				
	3 Phase 4 Wire, 440 Volts, Digital multifunctional meters for Parameters Volt, Amp, Hz, KVA, KW , KWH etc, auto scrolling facility, panel mounting on door, suitable for 96 x 96 mm.				
	Range- 0-500V, 10 Amps.				
	BUS BAR: 400 A, TPN, 415V, 3 Phase, 50 Hz, Aluminium Bus Bar.				
	Bus Bar Supports- FRP				
	Bus Bar sleeves- Heat shirkable- colour coded.				
	Internal & control wiring- To be with ferrules				
	Heat resistant type, 1100V grade single core copper flexible.				
	C) Incomer:				
	MCCB:				
	Quantity- 01 No.				
	Rating- 250 amps- 55 KA. (Legrand/ L&T/ Siemense)				
	Type-MDO				
	Operation- manual				
	No. of Poles- 4 P				
	Release- OC/ SC/ EF/ ST.				

	Indications- ON				
	Other features- All standard.				
	Auxiliary Contactors:				
	Quantity- As required.				
	Rating- 6 Amps.				
	CT's- Measurement- 1 sets.				
	Class- 15 VA burden.				
	Type- Cast resin.				
	Ratio- 200/ 5				
	D) Outgoing:				
	MCCB:				
	Quantity- 04 Nos.				
	Rating- 63 amps- 25 KA. (Legrand/ L&T/ Siemens)				
	Type-Manual				
	No. of Poles- TPN				
	Release- OC/ SC/ ST.				
	Indications- On				
20	Supply and laying of 50 mm flexible PVC pipes. The quoted rates shall be inclusive of all taxes and levies, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	10	M		
21	Supply and laying of 25x 5 mm GI strip along with power cable into the open tray / duct, with required clamping and sadling, as complete. The quoted rates shall be inclusive of all taxes and levies, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	130	M		
22	Supply and fixing of 1 m earth bus strip with mounting insulators and termination holes as per requirement on surface with required accessories as complete. The quoted rates shall be inclusive of all taxes and levies, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	2	M		
23	Supply Installation testing and commissioning of Data logger for temperature and Relative Humidity of model no. (EBI - 20 TH1) Make - Ambetronics/Honeywell/ Equivalent Specifications should be as follows Type - Stand alone type Measurement range(temperature) : -30 to +60 deg c measurement range(humidity) : 0 to 100% rh accuracy(temperature) : +/- 0.5 deg c accuracy : (humidity) : +/- 3% rh data memory : 40,000 for both Temperature / RH sampling rate : 1 min to 24 hrs part no : 1601-0044 The quoted rates shall be inclusive of all taxes and levies, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	10	Each		
24	Supply Installation testing and commissioning of EBI - 20IF Interface suitable for ebi 20 series loggers interface + winlog basic software cd part no. : 1601 : 0020. The quoted rates shall be inclusive of all taxes and levies, duties, lead, lift,transpotation, placing, scaffolding, core cutting of required diameter in walls, finishing and minor civil works and nothing shall be paid separately.	1	Each		
Total Amount				Rs.	

Precision AC GUIDE SPECIFICATIONS

GENERAL SUMMARY

Scope

The scope of this section comprises of supply; installation, testing and commissioning of self contained direct expansion type Precision air conditioning units suitable for operation on R410a refrigerant & should have advanced microprocessor and electronically communicated motors conforming to these specifications and in accordance with the Schedule of Quantities.

General

Modular construction Precision air conditioning unit suitable for operation on R-410a refrigerant with top discharge arrangement consisting of inlet filter, blow through direct drive Electronically communicated Motors and Backward curved Plug fans, fan motor assembly to deliver desired air quantity, Scroll Compressor, Direct Expansion Cooling Coil, Heater banks to maintain humidity inside the space, condensate drain pan of stainless steel construction, Microprocessor panel, programmable control complete with LCD display. The unit shall be suitable for operation on 415 V, 50 Hz, AC supply.

• BASIS OF DESIGN

THE AIR-COOLED PRECISION PACKAGE UNIT SHALL BE DESIGNED AS PER FOLLOWING CONDITIONS

- | | |
|--|---|
| 1. Site Location | : Pune |
| 2. Room conditions to be maintained | : 24DegC & 50% RH |
| 3. Machine configuration | : Bottom discharge |
| 4. Actual Capacity | : As per BOQ |
| 5. Flow Direction | : Bottom discharge |
| 6. Machine Capacity control | : Return Air |
| 7. Air Quantity | : 500 to 600 CFM / TR |
| 8. Compressor type | : Scroll Compressor |
| 9. Evaporator Fan | : Backward curve blades with |
| Electronically commutated (EC) motor | |
| 10. Humidification & De-humidification | : In built feature of humidification & dehumidification as per enclosed specification |
| 11. Filters | : Filter to be provided on the Package unit, having 95% efficiency down to 5 Microns |

12. Outdoor unit : 1per dedicated circuit, with copper tubes & aluminium fins with fan speed controller.

TECHNICAL SPECIFICATION OF AIR-CONDITIONING SYSTEM

Unit Base & Casing

Base panel shall be constructed out of sandwich panels of galvanized steel and painted with epoxy powder coated (**Double skinned Construction on all 4sides**). All four side panels shall be double skinned sandwiched panels. The panels shall be insulated on the inside with minimum 32 Kg/ cum glass wool, for fire insulation class A0. Unit shall be complete with space for refrigeration equipment, fans, cooling coils, liquid receiver and multistage strip heaters and modulating Humidifiers. Unit shall be provided with welded tubular steel floor stand with adjustable legs and requisite vibration isolation pads.

Fan

The units should be equipped with direct driven backward curved EC radial fans with electronically commutated brushless motors; the technology employed by these motors allows straightforward control of fan speed by means of the electronic controller in order to obtain step less adjustment of air flow rate and static pressure to ensure correct distribution of the treated air. The motor's high efficiency should make for less energy absorption, especially at partial loads and during starting (lowering of peak current), which means a reduction in power consumption of approximately 30% compared to AC motor. The motor shall have minimum IP54 Protection.

Filters

The filter chamber shall be an integral part of the system and withdraw able from the front of the unit. Filtration shall be provided by deep V form G4 performance dry disposable media to AS1324.

Evaporator Coil

Precision packaged unit shall comprise of cooling coil of copper tubes expanded into aluminium fins with corrugated profile and **hydrophilic treatment**. Face and surface areas shall be such as to assure rated capacity and the air velocity across the coil and Filter shall not exceed 2.5 m/s. The cooling coil shall be minimum of 3/4 rows deep and the fin spacing shall not exceed 1.8 mm. Coil selection to be suitable for SHF > 0.95 and provided with hydrophilic coating to minimize / eliminate water carry over into the airflow stream. Drain pan shall be made of **stainless steel**.

Compressorised systems

Scroll Compressor

The compressor shall be of the high efficiency scroll design operating with R410A refrigerant and 400V/3~ /50 Hz supply.

The compressors should be **"scroll type"** operating with R410A and power supply of 400-460V/3ph/50-60Hz. The compressors are provided with integrated thermal overload

protection and acoustic hood. The compressor motor control driver is provided with integral electronic protection against over temperature, over current, over or under-voltage with absence of one or more phases.

Compressors, the humidifier shall be isolated from the air flow in the version with downward flow, and in the air flow in versions with upward output. The compressor shall be charged with mineral oil and designed for operation on environment friendly refrigerant R410a.

The machine should be inbuilt with the **liquid receiver & pressure relief valve** for better performance of the machine.

Refrigeration Circuit

The refrigeration system shall be of the Single/ Multiple circuit direct expansion type and incorporate hermetic scroll compressors, complete with crankcase heaters.

- The refrigerant circuit comprises:
- **Liquid receiver** (for versions with remote condenser)
- Delivery oil separator (for versions with remote condenser)
- **Electronically-controlled expansion valve (EEV)**
- Solenoid valve for shutting off the refrigerant liquid
- Refrigerant liquid flow indicator
- Solid cartridge freon filter
- Safety valve
- High pressure safety pressure switch with manual reset
- Low pressure switch with automatic reset
- Shut-off valves for external connections (versions with remote condenser)
- Copper refrigerant pipes with anti-condensation insulation on the suction line
- Pipe taps on suction and delivery side and charging valve on liquid side.
- Each Compressor to have its own independent Evaporator and Condenser.

Expansion device: Electronic Expansion Valve (EEV)

The unit should have Electronic Expansion Valve and should be capable of responding to the varying load conditions of the variable capacity compressor. It should be able to provide following advantages:

- Fast, high precision adjustment of refrigerant flow;
- Fast arrival of the unit at steady-state conditions;
- Superheating value remains constant in variable thermal load conditions;
- Efficient operating conditions of the compressor, especially in the presence of low room temperatures;
- Wide working range with consequent extension of the unit's operating limits. These properties result in enhanced performance of the unit and make it possible to obtain very significant energy savings.

Air Cooled Condenser

Condenser shall be air-cooled type, suitable for outdoor installation and shall be suitable for operating at high ambient of 45 deg C db and at low ambient of upto 0 deg C db temperatures. Condenser shall be in copper tube & aluminum fins construction. Condenser coil shall be of maximum 4 rows deep and the fin spacing shall not exceed 2mm.

The condenser fan/s shall be of axial type with max 1000 RPM variable voltage electric motor complete with IP-54 protection. Motor shall be speed controlled to ensure a stable operation for varying ambient; by a factory fitted direct acting head pressure activated stepless variable speed drive. The condenser shall be complete with provisions for refrigerant piping connections, shut off valves and any other standard accessories necessary with the equipment supplied. Each Circuit to have its independent set of condenser coil and Fans in separate casing. The condenser should be equipped with fan speed controller for the speed variation based on the condensing temperature & the speed variation should be stepless.

Electric heaters

Each packaged unit shall be provided with ***"2 stage type electric heaters"*** each stage of 4.5kW heating capacity (total 9kW per machine) with heating elements constructed from a non-oxidizable material. Electric heaters shall be of the low temperature totally enclosed strip type fitted with radiation fins and suitable for operating at black heat. If overheating occurs, a safety thermostat should cut off the voltage supply to the heaters and trigger an alarm.

Humidifier

Boiling water in a polypropylene steam generator shall provide humidification. The humidifier shall be capable of providing continuous auto modulation in steam generation from 30-100% as per the steam requirement per hour. The humidifier shall be fully serviceable with replaceable electrodes. Waste water shall be flushed from the humidifier by initiation of water supply valve via U-trap. The microprocessor should be able to display the current drawn and actual steam output in the microprocessor.

De-Humidification

De-humidification cycle shall operate by reducing the speed of EC fan to reduce ADP of coil. Hence, by reduction of fan speed there shall be additional power saving.

Water Sensor:

The system shall be provided with relevant water detection kit which shall have sensors with wire of minimum 1.5mtrs and each of the sensor must be capable to detect individually any water below the false floor near the unit, the sensor must be connected to the unit microprocessor thus enabling the controller to give an alarm incase of wet floor.

Microprocessor Control System

Logic Circuitry:

A microprocessor shall continuously monitor operation of each Server room air-conditioning unit continuously digitally display room temperature and room relative humidity, alarm on system malfunction and simultaneously display problem. When more than one malfunction occurs, flash fault in sequence with room temperature, remember alarm even when malfunction cleared, and continue to flash fault until reset.

Microprocessor to control the following functions:

- Ambient temperature
- Humidity (HH versions)
- Speed of the delivery fans
- Speed of the condensation fans
- Timing of compressors with automatic rotation
- Alarm signal on two levels
- Controlled automatic reset of high and low pressure alarms
- The machine should be programmable to set the rotation time between the working & standby units as per client requirement.
- ***The machine should be able to communicate directly with the existing installed machine & the timely rotation, fault changeover, force standby unit "ON" by high room temperature should be possible with the existing & new machines to be installed***

Malfunctions:

Power Loss, Loss of Airflow, High Room Temperature, Low Room Temperature, High Humidity, Low Humidity, Supply Fan Overload, and Water Under Floor / Fire alarm.

The standby unit should immediately come in action in the event of any alarm/failure of the working unit without waiting for the temperature to increase to the high temperature limit thereby controlling the temperature of the data Centre.

The unit should also be capable of starting the standby unit incase the temperature is not able to achieve with the working units.

Automatic lead unit sequencing to extend equipment life and automatic rotation of standby unit should be part of the microprocessor itself. Microprocessor must be suitable to control multiple units if required with hard wiring which can be done at a later date.

In case of power failure the precision packaged unit shall start automatically without any body's intervention. Controllers shall be Microprocessor based with capability to generate alarm and networking of all units to rotate (working + standby) units, equalized run time capability (for 2 or 3 packaged units), programmable timer, with display of all parameters.

Equipment Data:

SCOPE

The scope under this section should cover the basic data of equipment to be filled in by the tenderer for the equipment that they intend to supply from the approved makes only. The equipment details especially the motor output etc. should be as per the manufacturer.

STANDARDS & SPECIFICATIONS

The equipment should conform to the relevant Indian Standard specification and should be as specified under Technical specification & make list.

GENERAL REQUIREMENTS

All equipment should meet the details indicated in the equipment data and technical specification. The tenderer should submit the detailed catalogues indicating technical details, physical dimensions, etc. The equipment should be brand new and free from defects and should be supplied along with the manufacturer's test certificate, operation and maintenance manuals etc.

Electrical Work:

The electrical work should be executed with the approved electrical vendors as per the schedule of work.

Time period:

The time period for completion of work will be 2 months.

Approved Make list :-

Sr. No.	Description of Item	Makes
1	Precision Air conditioner	Emerson/Uniflair/Bluebox
2	Supply & Return Air Grills	Air products/ Balaji Airvent/Cosmos/ Carry Aire
3	Nitrile Insulation	Armaflex/K-Flex/Armacell
4	Cable	Polycab/Finolex/
5	Electrical Components	Siemens/ L&T/ Schneider/ Socomec
6	PVC Pipe	Finolex/ Astrail/Supreme/Prince
7	MCCB	Siemens/ L&T/ Schneider
8	Starters and Contactors	Schneider/ Siemens/ L&T
9	Relays	Schneider/ Siemens/ L&T/ Hager/MDS
10	Push Buttons	Siemens/ Teknic/L&T
11	Thermostats Temp. Indicators	Honeywell/ Danfoss / JCI/ Siemens
12	EC Fan	EBM/ Zeihl Abbeg
13	Electronic Expansion Valve	Danfoss/Carel
14	Air Circuit Breaker	Siemens/ L&T/ Schneider/GE
15	Ammeter/Voltmeter	Automatic Electric
16	Glass Wool	UP Twiga / Kimmco
17	Copper piping	Mandev/ Indigo/Nippon/ Nissan/Super/Rajco
18	Copper Pipes & Fittings	Mandev/Indigo/Mehta Tubes
19	Nitrile Foam , EPDM (Closed Cell)	K flex / Armacell/Supreme
20	Electrical Panel	SM Elect / Powergrid / Urja Tantra/Equivalet
21	Instrument Transformers Indicating Meters	Kappa/Kalpa/Voltamp
22	Analog	Meco/Rishab/AE
23	Digital	Meco/AE/Socomec/Conzerv/Secure
24	Indicating Lamps	a) GE/Schneider/Teknic/L&T
25	PLC / Digital Load Monitor / Power monitor	Electrex/Allen Bradley/GE/Schneider/Conzerv
26	Panel Accessories / Terminal block	Dirak/Elmax/Phoenix/Wago
27	Timers	L&T/Minilec/Siemens/GE/Schnieder
28	TVSS	ASCO
29	Cable Terminating Kits	Raychem Heat Shrinkable
30	Earthing	Erico/Nimbus/Ashlok
31	MV Switch Boards (LT panels)	Accusonic/Load Controls/Elins/Lotus Switch gear/Suvarna Electricals
32	Moulded Case Circuit Breaker	GE (Spectra / Record)/Schnieder/L&T(D sine)/ABB/MDS Legrand
33	MCB Distribution Board	Legrand/Schnieder/Siemens

34	Miniature Circuit Breaker	MK/Legrand
35	ELCB / RCBO	Legrand/L&T
36	Earth Leakage Relay	L & T/Legrans
37	PVC Insulated copper wire FRLS	Finolex/Polycab
38	Cable Glands	a) Dowells/SMI
39	PVC Rigid conduits	Precision/Diamond
40	M S Conduits	BEC/BI
41	Switches, Sockets, Plug etc	Legrand Mosaic/MK
42	Ceiling rose / HOLDERS	Anchor/MK
43	LED Light fitting	a)Wipro/Asian
44	Terminal Junction boxes	Elmex
45	Power Socket Industrial type	Legrand/MK
46	Cable trays	Storrax/Skaber/Profab
47	Metallic raceways	Storrax/Skaber/Profab
48	PVC raceways	LEGRAND/MK
49	Aluminium raceways	LEGRAND/MK
50	Surface / Recess mounted FTL fixtures	Philips/Wipro/GE
51	Recess mounted down lighter	Philips/Wipro/GE
52	Wall mounted luminaire	Philips/Wipro/GE
53	Data Cable - CAT-6	D-Link/Legrans/Polycab
54	Cable trays	Storrax/Skaber/Profab
55	Metallic raceways	Storrax/Skaber/Profab
56	PVC raceways	LEGRAND/MK
57	Aluminium raceways	LEGRAND/MK
58	PVC Rigid conduits	Precision/Diamond
59	LT Cables (XLPE)	Polycab/Finolex
60	Cable Terminating Kits	Raychem Heat Shrinkable

CHAPTER-5 PRICE SCHEDULE

PRICE SCHEDULE FOR GOODS –INR

Name of the Bidder _____

Tender No. _____

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

Total Bid price in foreign Currency _____ in words.

Signature of Bidder :

Name :

Note:

The cost of optional items shall be indicated separately.

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

(a)Cost of spares _____

(b)Warranty if being charged include in BoQ

FORMAT/QUESTIONNAIR FOR COMPLIANCE OF TERMS AND CONDITIONS

Tender No.: _____

Due Date _____

NOTE:

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

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

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No'))	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
3	a) Whether the required Scanned copy of Tender Fee & EMD is being submitted with the quotation		
	b) Please specify the form of EMD whether in the form of DD/bank guarantee or TDR/FDR (Please mention No., date & amount of EMD documents.) or Bid Security Format at Annexure –'C'		
4	a) Whether prevailing rates of GST & other govt. levies (for indigenous supplies) have been given in quotation		
5	Have you mentioned the validity period of the quotation as per our requirements		
6	a) Whether the Price reasonability Certificate is submitted with quotation		
	b) Whether copies of last two supply orders of the same item from other customers have been attached with the quotation		
	Whether rates/amount of AMC after the warranty period is over has been mentioned		

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No'))	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
7	Have you gone through the specification Clause & complied with the same		
8	Whether the Make/Brand, Model number and name of manufacturer has been mentioned in the quotation and Printed technical literature/ leaflets of quoted items have been submitted		
9	Whether compliance statement of specifications has been attached with the quotation.		
10	a) Whether the delivery period for supply of the items has been mentioned		
	b) Whether mode of delivery & tentative size & weight of the consignment has also been indicated		
11	Do you agree to the submission of Performance Bank Guarantee and have you mentioned in your quotation about this.		
12	a) Do you agree with the payment terms for indigenous supplies?		No deviation permitted
13	Do you agree about the date of commencement of warranty period & its extension is necessary.		

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' preferably use different colour ink for 'No')	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
14	a) Who will install/commission and demonstrate the items at IISER Pune, FREE OF COST.		
	b) Will you be able to do it within a month		
15	Have you mentioned the guarantee/warranty period in your quotation and do you agree with guarantee clause?		
16	Spare parts		
17	After Sales service		
180	a) Do you agree that on receipt of material in damaged condition or short supply you will replace the same on CIF basis, free of cost pending the settlement of the insurance claim?		
	b) Do you agree with the clause of physical inspection?		
19	Whether list of specific user's for the same item & model as quoted along-with performance certificates from the users is submitted with offer		
20	Whether you agree to the penalty clause for late delivery & installation?		
21	Whether training to our scientist/technical person will be given free of cost. If yes, have you specified in quotation whether it will be in our lab? Or at supplier's site in India or abroad.		

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' preferably use different colour ink for 'No')	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
22	a) Whether all the pages have been page numbered?		
	b) Whether quotation has been signed and designation & name of signatory mentioned.		

FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS

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

BID SECURITY FORM

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

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

THE CONDITIONS OF THESE OBLIGATIONS ARE:

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

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

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

.....
(Signature of the authorized officer of the Bank)

Name and Designation of the Officer
Seal, Name & Address of the Bank and
address of the branch

MANUFACTURER’S AUTHORIZATION FORM

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

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

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

To: [Insert complete name and address of Purchaser]

WHEREAS

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

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

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

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

Title: [insert title]

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

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

PREVIOUS SUPPLY ORDERS FORMAT

Name of the Firm _____

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

Signature and Seal of the Manufacturer/ bidder

Place:

Date:

BIDDER INFORMATION FORM

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

Name of Partners /Director : _____

City : _____

Postal Code : _____

Company's Establishment Year : _____

Company's Nature of Business : _____

Company's Legal Status (tick on appropriate option)

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

Company Category

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

CONTACT DETAILS

Contact Name : _____

Email Id : _____

Designation : _____

Phone No : (_____) _____

Mobile No : _____

BANK DETAILS

Name of Beneficiary : _____

A/c. No. CC/CD/SB/OD: _____

Name of Bank : _____

IFSC NO. (Bank) : _____

Branch Address and Branch Code: _____

Enclose scan copy of cancelled Cheque .

Other Details

Vendor's PAN No. _____

Vendor's CST No/LST No/WCT No/TIN No: _____x

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

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

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

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:

Annual Maintenance Contract

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

For Comprehensive AMC

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

For Non - Comprehensive AMC

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

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

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:

IMPORTANT NOTICE

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

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

Signature of the Tenderer

Checklist for BIDDERS

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

Envelope-1(Technical-Bid)				
(Following documents to be provided as single PDF file)				
Sl. No.	Documents	Content	File Types	Document Attached
1	Technical Bid	Scan copies of both Tender Fee of Rs1,180/- and EMD of Rs. 72,000/-	.PDF	(Yes /No)
2		Format/Questionnaire for compliance as per Annexure- 'A'	.PDF	(Yes /No)
3		Format of compliance statement of specification as per Annexure- 'B'	.PDF	(Yes /No)
4		Bid security Form as per Annexure- 'C' (as applicable)	.PDF	(Yes /No)
5		Manufacturer's Authorization Form as per Annexure- 'D'	.PDF	(Yes /No)
6		Previous Supply Order Format as per Annexure- 'E'	.PDF	(Yes /No)
7		Bidder Information form as per Annexure- 'F'	.PDF	(Yes /No)
8		Blacklist certificate as per Annexure- 'G'	.PDF	(Yes /No)
9		Annual Maintenance Contract Annexure 'H'	.PDF	(Yes /No)
10		A copy of the Un-priced Commercial bid	.PDF	(Yes /No)
11		List of deliverables as per Chapter- 4	.PDF	(Yes /No)
12		Solvency certificate for Rs 15.00 lakhs (not older than twelve months) issued by scheduled/nationalized bank with which BIDDER holds the current account	.PDF	(Yes /No)
13		Undertaking that the successful BIDDER agrees to give a 10 % security deposit and Performance Bank Guarantee	.PDF	(Yes /No)
14		Self-Attested copy of GST Number (as applicable)	.PDF	(Yes /No)
15		Tender Terms & Conditions Acceptance signed with official seal is attached	.PDF	(Yes /No)
Envelope-2(Financial-Bid)				
Sl. No.	Documents	Content	File Types	Document Attached
1	Financial Bid	Price bid should be submitted in PDF Format	.PDF	(Yes /No)