

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

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Website: www.iiserpune.ac.in

Open Tender Ref. No: IISER/PUR/1482/18

Date: 15/03/2019

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 of GST @ 18%) (Rs.)
Supply, integration, testing and commissioning of Audio Video Equipment on turnkey basis.	36,00,000/-	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	15/03/2019	18.00Hrs
2	Pre-Bid Meeting	22/03/2019	14.00Hrs
3	Bid Submission Start Date	29/03/2019	18.00Hrs
4	Bid Submission Close Date	05/04/2019	15.00Hrs
5	Closing date & time for Submission of original EMD & Tender Fee	05/04/2019	15.00Hrs
6	Opening of Technical Bids	09/04/2019	15.00Hrs

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

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

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Instructions for Online Bid Submission:

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

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

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

REGISTRATION

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

SEARCHING FOR TENDER DOCUMENTS

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

PREPARATION OF BIDS

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

SUBMISSION OF BIDS

1. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Financial Bids can be submitted in PDF format (As per Chapter 5).
The bidder may add rows to include the prices of all components & warranties, installation etc. whichever applicable.
4. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
5. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
6. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
7. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

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

CHAPTER 1
INVITATION FOR Tender Offers

Indian Institute of Science Education and Research (IISER), Pune invites e-Tender for Supply, integration, testing and commissioning of Audio Video Equipment on turnkey basis.

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 Bhabha Road, Pashan, Pune – 411008 on. 22-03-19 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 21/03/2019. 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	15/03/2019	18.00Hrs
2	Pre-Bid Meeting	22/03/2019	14.00Hrs
3	Bid Submission Start Date	29/03/2019	18.00Hrs
4	Bid Submission Close Date	05/04/2019	15.00Hrs
5	Closing date & time for Submission of original EMD & Tender Fee	05/04/2019	15.00Hrs
6	Opening of Technical Bids	09/04/2019	15.00Hrs

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

3. AVAILABILITY OF TENDER:

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

Technical Bid:

1. The online envelope clearly marked as "**Technical Bid - Envelope No. 1**" shall contain the all scanned copies of originals documents in PDF Format.
 - a) 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. All the other supporting documents required for the assessment of the Technical qualifications of the bidder as enlisted in this tender document are also to be submitted with the 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.
- o) Unpriced List of Bill of Materials with Model, Make, Brand, Part nos. etc. of all the items forming the part of the proposed installation in line with listing in the tender document and concurrent with the price schedule submitted in the commercial offer (There should not be any priced entries in this document).
- p) 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)** 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 BIDDER who submits the tender on behalf of their principals should produce documentary evidence in support of their authority to quote or submit proforma invoice of their principals. In case the BIDDER is not represented by any Indian Agent the Bank Guarantee valuing **US \$ 960.00 (Nine Hundred Sixty US Dollars only)** should accompany the Technical Bid towards EMD.
 - ii. In case of bids in Foreign Currency, the Indian Representative / dealers can submit the EMD in INR to IISER, Pune without any relaxation.

- iii. The Bank Guarantee is insisted due to steep fluctuations in foreign exchange hence the foreign DD's are not accepted towards EMD. Bids submitted without EMD will stand rejected. EMD will not be accepted in the form of cash /cheque. No interest is payable on EMD.
- iv. The EMD will be returned to the BIDDERS(s) whose offer is not accepted by IISER, PUNE within one month from the date of the placing of the final order(s) on the selected BIDDER(s). In case of the BIDDER(s) whose offer is accepted the EMD will be returned on submission of Bank Guarantee as Security Deposit (SD). However, if the return of EMD is delayed for any reason, no interest / penalty shall be payable to the BIDDERS.
- v. The successful BIDDER, on award of contract / order, must send the contract / order acceptance in writing, within 15 days of award of contract / order failing which the EMD will be forfeited.
- vi. The EMD shall be forfeited: In case a successful BIDDER fails to furnish the Security Deposit.

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

5. Specifications:

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

6. Compliance Statements:

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

Envelope 2: "Commercial Bid" shall contain:

- i. Cost of all the items should be mentioned clearly and individually in the Commercial Offer (Part-II) only.
- ii. The BIDDERS are requested to quote for Educational Institutional Price for Equipment and software, since we are eligible for the same.

- iii. The prices should be shown against each item for the purpose of Insurance claims / replacements if any.
- iv. List of deliverables / Bill of materials and services.
- v. In case of foreign quote, the address of Principal's / Manufacturer's and their Banker's details should be furnished.

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 09-04-2019 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 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 AND BIDDER'S ELIGIBILITY CRITERIA

BIDDERS ELIGIBILITY CRITERIA

The Bidder should possess the requisite experience, resources and capabilities in providing the services necessary to meet the requirements, as described in the tender document. The Bidder should also possess the technical know-how and the financial wherewithal that would be required to complete the scope of work. The bid must be complete in all respects and should cover the entire scope of work as stipulated in the document. Bidders not meeting the Eligibility Criteria will not be considered for further evaluation.

1. The Bidder company/company's service provider should be registered in India. Certificate of Incorporation, Copy of PAN, GST registration, Copies of Articles of Association & Bye laws (in case of registered firms) and certificate of registration (in case of registered co-operative societies), Partnership deed (in case of partnership firm) should be submitted.
2. The Bidder should have minimum annual turnover of Rs. 1 Crore in the last financial year (2017-2018). (Copy of Audited financial statements, CA Certificate and directors' reports for the year should be enclosed.)
3. The bidder must be authorized reseller / distributor of all the brands / OEMs of the items quoted as on date (valid certificate from OEM to be enclosed).
4. The bidder company should have successfully implemented 'designing and satisfactory deployment of Audio Video systems' at least in one of the organizations belonging to the category of Government Departments / PSU / Government Autonomous bodies / Nationalized Banks. The bidder must have successfully executed at least one (1) purchase orders/contracts/agreements of similar nature of minimum worth Rs. 36 Lakhs
or
Two (2) purchase orders/contracts/agreements of similar nature of minimum worth Rs. 18 Lakhs each
or
Three (3) purchase orders/contracts/agreements of similar nature of minimum worth Rs. 12 Lakhs each aggregated in the maximum span of last three financial years. (Satisfactory performance certificate from these organizations along with copies of the purchase orders to be attached).
5. The Bidder company/firm should have a technical support center at Pune for provision of 100% system support services.
6. The Bidder should not be currently blacklisted by any Government institution in India or abroad.

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'**.
- 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 45 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 they are tightly linked to IISER, PUNE's plans of completing the project within the time frame.

3. Security Deposit:

- 3.1 Within fifteen (15) 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, commissioning and training of the supplied equipment / system on a turnkey basis.
- 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 30% within the delivery period.
- 7.2. Firms which have already supplied similar equipment to IISER, PUNE and have not completed required installation/commissioning/after sales service/warranty replacements etc. such firms offers will not be considered for further evaluation and no enquiries thereafter will be entertained.

8. Cargo Consolidation and Customs Clearance:

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

9. Fraud and Corruption:

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

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

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

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

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

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

CHAPTER - 3 : CONDITIONS OF CONTRACT

1. Prices:

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

ALL THE BIDDERS SHOULD QUOTE PRICES FOR EACH AND EVERY ITEM SEPERATELY ALONG WITH THE CONSOLIDATED PRICES APPLICABLE FOR BOTH INDIGENOUS AND IMPORTED ITEMS. There should be no un-priced, arbitrary and vague entries.

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.
- (iii) The rate of GST applicable to IISER Pune is 5% for the items procured for Research purpose as per Notification No. 45/2017-Central Tax (Rate) New Delhi, 14th November, 2017 and Notification No. 47/2017-Integrated Tax (Rate) New Delhi, 14th November, 2017

B. For Goods manufactured abroad:

- (i) The price of the goods, quoted on FCA (Named place of delivery abroad) or FOB (Named port of shipment), as specified in the schedule form.
- (ii) The charges for insurance and transportation of the goods to the port/place of destination.
- (iii) The agency commission charges, if any.
- (iv) The installation, commissioning and training charges including any incidental services, if any.

C. We are exempted from payment of Customs Duty under notification No.51/96 dated 23.07.1996. Customs Duty, if any, should be shown separately. No other charges than those mentioned clearly in the quotation will be paid.

D. BIDDERS may also bid for High Sea sales.

2. Bank Charges:

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

3. Agency Commission & Services:

- 3.1. The Indian Agency commission payable in Indian currency only after the receipt of consignment in good condition at our Stores and satisfactory installation and commissioning of the ordered equipment.
- 3.2. In case of foreign quote, the Principal supplier should clearly indicate the address of the Indian Agent and percentage (%) of Agency Commission and taxes if any payable to him. Such amounts will be paid in Indian Currency to the Indian Agent.

- 3.3. Details of services rendered by you as well as after-sales services offered by you are to be made clear in the tender.
4. **Performance Bank Guarantee:**
The 10% Security Deposit which is mentioned above may be extended as Performance Bank Guarantee for a period of warranty period.
5. **Performance Benchmarks:**
The technical evaluation committee needs to be provided with an evaluation system to carry out performance benchmarks.
6. **Pre-installation:**
The BIDDER has to state in detail the Electrical Power/UPS requirements, and also to state whether Air-conditioned environment is needed to house the system and to run the tests. i.e. pre-installation facilities required for installation may please be intimated in the technical bid. Subsequently, before the consignment lands in IISER, Pune the BIDDER shall confirm that the pre-installation requirements are sufficient for installation of the equipment. In other words the BIDDER should continuously monitor the pre-installation requirements and see that everything is ready before the consignment is taken to the site for installation.
7. **INSTALLATION:**
- 7.1 BIDDER shall be responsible for installation / demonstration wherever applicable and for after sales service during the warranty and thereafter.
- 7.2. Installation demonstration to be arranged by the supplier free of cost and the same is to be done within 15 days of the arrival of the equipment at site.
- 7.3. After successful installation, 24 hours is the minimum allowed down time of equipment/instrument in case of breakdown. If the identified firm fails to bring back the system into working condition within the above mentioned time frame, a penalty of Rs 5000/- shall be levied per day till the date of uptime of the equipment/system.
8. **INSPECTION:**
- 8.1 The inspection of the system will be done by our technical expert /Scientist in the presence of firm's representative.
- 8.2 In case of receipt of the material in short supply or damaged condition the supplier will have to arrange the supplies/ replacement of goods free of cost pending the settlement of the insurance case wherever applicable on FOR at the IISER. Or CIF basis till satisfactory installation of the system.
- 8.3 The supplier should arrange for physical Inspection of the items directly or through their authorized representative within seven days of arrival of the consignment failing which they will be responsible for the losses. After the shipment is effected, the supplier/its representative/Indian agents must remain in touch with the lab/instt. to ascertain the date of arrival of consignment.

9. **Training:**

Wherever needed, Our Scientist/Technical persons should be trained by the supplier at the project site free of cost.

10. **Warranty / Support:**

- 10.1. The equipment items covered by the schedule of requirement shall carry **minimum 3 years of comprehensive warranty** from the date of acceptance of the equipment by IISER, PUNE. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours. The comprehensive warranty includes onsite warranty with parts.
- 10.2. The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. This includes cost, insurance, freight, custom duty, octroi, local taxes if any should be borne by the beneficiary or his agent. A clear confirmation should be given for this item.
- 10.3. The warranty on the associated software should cover providing of upgraded version/s, if any, released during the warranty period free of cost.
- 10.4. The BIDDER shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 5 years from the date of supply of equipment on payment on approved price list basis.
- 10.5. The equipment must be supported by a Service Centre in India manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contact the Principal's vendor support Centre on a toll free number/web/mail.
- 10.6. An undertaking from the manufacturer is required in this regard stating that they would facilitate the BIDDER on regular basis with technology / product updates & extend support for the warranty as well.
- 10.7. The vendor will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.
- 10.8. The principal vendor must have a local logistics support by maintaining a local spares depot in the country of deployment of the equipment. This is to ensure immediate delivery of spares parts from Principal Vendor of equipment to its channel partner/system integrator located at Pune.
- 10.9. Details of onsite warranty, agency who shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance Contract beyond warranty shall be given in the offer. In case of foreign quote, the Indian Agent who shall maintain during warranty and AMC beyond warranty shall be given in the Technical Offer.
- 10.10 **COMMENCEMENT OF WARRANTY PERIOD:**
The warranty period of an item shall commence after receipt of the items in good working condition and from the date of its satisfactory installation/commissioning/demonstration at the project site in IISER, Pune. The warranty period and validity of Performance

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

11. **Reasonability of Prices:**

11.1 Please quote best minimum prices applicable for a premiere Educational and Research Institution,

11.2 The party must give details of identical or similar equipment, if any, supplied to any IITS/IISERS/ CSIR lab/Education Research Institute during last three years along with the final price paid and Performance certificate from them.

12. **Annual Maintenance Contract:**

12.1. The party must mention in the quotation, the rate/amount of annual maintenance charges, if we opt for maintenance contract after expiry of the warranty period. This is mandatory to mention, wherever applicable.

12.2. No sub-contracting will be allowed for installation or maintaining system/ equipment / instrument during or after warranty period.

12.3 The value of AMC cost mentioned shall not be considered for the computation of the lowest price of the bidders. IISER Pune is free to opt for the AMC or otherwise.

13. **Indemnity:**

The vendor shall indemnify, protect and save IISER, PUNE against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the equipment(s) supplied by him.

14. **Freight & Insurance:**

14.1. Imports: In case of imports the freight & insurance will be paid by IISER, PUNE, as the consignments are shipped through the IISER, PUNE nominated freight forwarder (applicable only cases of FCA/FOB shipments).

14.2. Indigenous : The equipment(s) to be supplied will be insured by the vendor against all risks of loss or damage from the date of shipment till such time it is delivered at IISER, PUNE site in case of Rupee transaction.

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

A) INDIGENIOUS

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

B) IMPORT

Letter of Credit will be established for 100% order value excluding the Agency Commission due to the Indian Agents, 90% payment shall be made by a, against the presentation of original Shipping documents. Balance 10% will be released after completion of satisfactory installation, commissioning, demonstration of the whole system, after imparting training and upon receipt of Bank Guarantee for 10% of total Order value towards performance security to be valid for till warranty period from the date of installation.

OR

By Wire Transfer for 100% of the Purchase Order value on receipt of goods and completion of satisfactory installation, commissioning, demonstration of the whole system, after imparting training and on submission of 10% Security Deposit/PBG valid till warranty period.

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

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

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

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

16.2. If the supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 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.

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

17. **Jurisdiction:**

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

18. **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.

19. **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

Section I - Bill of Quantities:

Room No: 01 (Ground Floor Computer center)

Bill of Quantities:

Sr. No.	Item	Qty
1	Projector (As per attached Specifications)	1
2	Ceiling mount kit (Adjustable 6 Ft.)	1
3	123 (+/- 5) inch Fiber Glass MW Tubular Motor screen with RF remote having 16:10 aspect ratio.	1
4	HDMI Cable 15 meter	1
5	HDMI Cable 3 meter	1
6	VGA Cable 15 meter	1
7	VGA Cable with audio 3 meter	1
8	HDMI audio de-embedder	1
9	HDMI faceplate for front end connectivity (providing HDMI, VGA and Audio inputs (3.5 mm jack) to the system)	1
10	Collar microphone (As per attached Specifications)	2
11	Handheld microphone (As per attached Specifications)	2
12	Suitable 6 channel mixer for mixing inputs from microphones (total 4), 1 Earphone Jack input from the presenter's Laptop with VGA cable and one audio output from HDMI de-embedder.	1
13	Audio amplifier (As per attached Specifications)	1
14	Ceiling speakers (As per attached Specifications)	8
15	Additional Fittings/ Fixtures / cables and connectors as per site requirement.	1 Set
16	12 U Equipment Rack with Caster wheels, front lockable glass door and removable back panel with adequately provisioned power strips.	1
17	Installation and commissioning charges	Job

Scheme of implementation:

- a. The faceplate bearing HDMI, VGA and audio input jack shall be a front end access to the video projection system.
- b. The video feed from the faceplate sourced HDMI/VGA has to be projected upon the screen.
- c. The Audio Mixer shall have the inputs from the following (6 inputs):
 - i. The Output audio from HDMI de-embedder (having HDMI as an input from the Faceplate).
 - ii. Audio sourced from 3.5mm audio input jack.
 - iii. Audio output from Wireless Handheld and Collar microphone receivers. Total 2+2=4 Nos.
- d. The output of the Audio mixer has to be invariably fed to the Audio Power Amplifier which shall serve the output through ceiling mount speakers.

Room No: 02 (Ground Floor Classrooms)

Bill of Quantities:

Sr. No.	Item	Qty
1	LED Television (As per attached Specifications – Type A)	3
2	Ceiling mount kit for TV (Please read below details)	3
3	HDMI Cable 15 meter	4
4	HDMI Cable 3 meter / HDMI Patch cords of suitable length	8
5	HDMI audio de-embedder	1
6	4 x 1 HDMI auto switcher (priority Switcher)	1
7	1 in 4 out HDMI splitter	3
8	12 x Zoom PTZ camera with USB and HDMI out (As per attached Specifications)	1
9	A Ceiling mounting kit for camera with all suitable fittings and fixtures as per site requirements.	1
10	Joystick and keypad camera controller for PAN/Tilt/Zoom and Focusing, RS232C or similar Communication Interfaces, High Brightness OLED Display, Auto Backlit Keys to control the camera (Sr. No. 8). To be supplied with suitable custom made mounting assembly as per the site requirement.	1
11	Cable Extenders for Camera as per requirement (controlling and extracting Video output feed to the displays)	1
12	HDMI faceplate for front end connectivity providing inputs : HDMI and Audio (3.5 mm jack) to the system and outputs: HDMI and Audio (3.5 mm jack)	1
13	Collar microphone (As per attached Specifications)	1
14	Handheld microphone (As per attached Specifications)	1
15	Suitable 6 channel mixer for mixing inputs from microphones (total 2), 1 Earphone Jack input from the presenter's Laptop with VGA cable and one audio output from HDMI de-embedder.	1
16	Audio amplifier (As per attached Specifications)	1
17	Ceiling speakers (As per attached Specifications)	8
18	Additional Fittings/ Fixtures / cables and connectors as per site requirement.	1 Set
19	12 U Equipment Rack with Caster wheels, front lockable glass door and removable back panel with adequately provisioned power strips.	1
20	Installation and commissioning charges	Job

Scheme of implementation: / requirements / deliverable features:

- a. The faceplate bearing HDMI and audio input jack shall be a front end access to the video projection system.
- b. The Audio Mixer shall have the inputs from the following (4 inputs):
 - iv. The Output audio from HDMI de-embedder (having HDMI as an input from the Faceplate).
 - v. Audio sourced from 3.5mm audio input jack.
 - vi. Audio output from Wireless Handheld and Collar microphone receivers.
Total 2 Nos.
- c. The output of the Audio mixer has to be invariably fed to the Audio Power Amplifier which shall serve the output through ceiling mount speakers.
- d. Positioning of all the Television (Displays) has to be done as per manufacturer specifications & directions of Engineer in charge. The TV Screens (Displays) to be firmly ceiling mounted adhering to the safety standards. It should be an adjustable mount allowing the screen to be fixed running upto 6 Feet from the ceiling for better viewing angle to the closely sitting audiences.
- e. The camera to be supplied and installed with wall or ceiling mount brackets. It should be capable of storing and retrieving at least 5 Preset Positions.
- f. Mode 1: The camera should be able to capture the minutest detail of the board handwriting. This view captured by the camera is essentially to be fed to all the LED Displays (3 – All Mirrored) through priority switcher. The approximate board dimensions shall be 12x5 Ft. The board can be covered with single / multiple preprogrammed camera presets or otherwise through joystick for the purpose.
- g. Mode 2: The camera should be able to capture the minutest details of the ‘experimental setup as an exhibit’ placed on the table (near the board). This view captured by the camera is essentially to be fed to all the LED Displays (3 – All Mirrored) through priority switcher.
- h. Video Priority Switcher: The video switcher should be able to switch between the camera feed and laptop presentation (HDMI) feed automatically. The default view served on the displays being the feed from the PTZ camera, the HDMI input from the laptop should supersede it whenever plugged.
- i. Camera control: Suitable arrangement to switch between the camera presets to be made with the help of keypads of “Joystick and keypad camera controller” or otherwise seamless camera view adjustment through Joystick for the purpose.
- j. The camera feed (HDMI), Presenter’s Laptop feed (HDMI) and the audio (3.5 mm - line level) should be extractable from the Faceplate for front end connectivity which may be used for local recording purpose as an output via 1 X 4 HDMI splitter(s). The supply of HDMI recorder is not in scope of the project.

Room No: 03 (Lab- Ground Floor)

Bill of Quantities:

Sr. No.	Item	Qty
1	Projector (As per attached Specifications)	1
2	Ceiling mount kit (Adjustable 6 Ft.)	1
3	109 (+/- 5) inch Fibre Glass MW Tubular Motor screen with RF remote having 16:10 aspect ratio.	1
4	HDMI Cable 15 meter	1
5	HDMI Cable 3 meter	1
6	VGA Cable 15 meter	1
7	VGA Cable 3 meter	1
8	HDMI, VGA faceplate for front end connectivity.	1
9	Additional Fittings/ Fixtures / cables and connectors as per site requirement.	1 Set
10	Installation and commissioning charges	1

Scheme of implementation:

- a. The faceplate bearing HDMI and VGA input jack shall be a front end access to the video projection system.
- b. The video feed from the faceplate sourced HDMI/VGA has to be projected upon the screen.

Room No: 04 (Conference Room - Ground Floor)

Bill of Quantities:

Sr. No.	Item	Qty
1	Projector (As per attached Specifications)	1
2	Ceiling mount kit (Adjustable 6 Ft.)	1
3	109 (+/- 5) inch Fiber Glass MW Tubular Motor screen with RF remote having 16:10 aspect ratio.	1
4	HDMI Cable 15 meter	1
5	HDMI Cable 3 meter	1
6	VGA Cable 15 meter	1
7	VGA Cable with audio 5 meter	1
8	HDMI audio de-embedder	1
9	HDMI faceplate for front end connectivity (providing HDMI, VGA and Audio inputs (3.5 mm jack) to the system)	1
10	12 x Zoom PTZ camera with USB and HDMI out - compatible with skype for Business / Webex/ Zoom/ BlueJeans/ Lync/ Hangouts (As per attached Specifications)	1
11	USB extender cable for camera (as required)	1 Set
12	Portable dual speakerphone solution - Sennheiser SP 220 MS or near equivalent compatible with skype for Business / Webex/ Zoom/ BlueJeans/ Lync/ Hangouts	
13	Additional Fittings/ Fixtures / cables and connectors as per site requirement.	1 Set
14	Installation and commissioning charges	Job

Scheme of implementation:

- a. The faceplate bearing HDMI, VGA and audio input jack shall be a front end access to the video projection system.
- b. The video feed from the faceplate sourced HDMI/VGA has to be projected upon the screen along with replication of sound (by the projector inbuilt speakers).
- c. The PTZ camera is to be wall mounted as per the site requirements and directions of engineer in-charge. The output video from the camera is to be extracted through USB, which if required, can be connected to laptop for various applications like skype for Business / Webex/ Zoom/ BlueJeans/ Lync/ Hangouts etc. USB cable extender can facilitate the distant connectivity to the camera. Portable dual speakerphone solution - Sennheiser SP 220 MS or near equivalent will serve for audio input and output requirements.

Room No: 05 (Lab A - First Floor)

Bill of Quantities:

Sr. No.	Item	Qty
1	Projector (As per attached Specifications)	1
2	Ceiling mount kit (Adjustable 6 Ft.)	1
3	109 (+/- 5) inch Fiber Glass MW Tubular Motor screen with RF remote having 16:10 aspect ratio.	1
4	HDMI Cable 15 meter	1
5	HDMI Cable 3 meter	1
6	VGA Cable 15 meter	1
7	VGA Cable 3 meter	1
8	HDMI, VGA faceplate for front end connectivity.	1
9	Additional Fittings/ Fixtures / cables and connectors as per site requirement.	1 Set
10	Installation and commissioning charges	Job

Scheme of implementation:

- a. The faceplate bearing HDMI and VGA input jack shall be a front end access to the video projection system.
- b. The video feed from the faceplate sourced HDMI/VGA has to be projected upon the screen.

Room No: 06 (Small Conference Room - First Floor)
 Bill of Quantities:

Sr. No.	Item	Qty
1	Projector (As per attached Specifications)	1
2	Ceiling mount kit (Adjustable 6 Ft.)	1
3	100 (+/- 5) inch pull down Projector Screen having 16:10 aspect ratio.	1
4	HDMI Cable 15 meter	1
5	HDMI Cable 3 meter	1
6	VGA Cable 15 meter	1
7	VGA Cable 3 meter	1
8	HDMI, VGA faceplate for front end connectivity.	1
9	Additional Fittings/ Fixtures / cables and connectors as per site requirement.	1 Set
10	Installation and commissioning charges	Job

Scheme of implementation:

- a. The faceplate bearing HDMI and VGA input jack shall be a front end access to the video projection system.
- b. The video feed from the faceplate sourced HDMI/VGA has to be projected upon the screen.

Room No: 07 (Lab B - First Floor)

Bill of Quantities:

Sr. No.	Item	Qty
1	Projector (As per attached Specifications)	2
2	Ceiling mount kit (Adjustable 6 Ft.)	2
3	123 (+/- 5) inch Tensioned Tubular Motor screen with RF remote having 16:10 aspect ratio.	2
4	HDMI Cable 15 meter	2
5	HDMI Cable 3 meter	2
6	VGA Cable 15 meter	2
7	VGA Cable 3 meter	2
8	HDMI faceplate for front end connectivity (providing HDMI and VGA inputs to the system)	1
9	1x2 HDMI splitter, Resolution Up To 1920x1200 & 1080p	1
10	VGA Splitter 1x2 Ports, 1 In 2 Out, Resolution Up To 1920x1200 & 1080p	1
11	Additional Fittings/ Fixtures / cables and connectors as per site requirement.	1 Set
12	Installation and commissioning charges	Job

Scheme of implementation:

- a. The faceplate bearing HDMI and VGA input jack shall be a front end access to the video projection system.
- b. The video feed from the faceplate sourced HDMI/VGA has to be projected upon the screen.
- c. The two projector screens has to be ceiling suspended (back to back).
- d. The two projectors are to be mounted facing each other (distant apart ~ 25 Ft.) projecting upon the centrally suspended back to back screens from either side. The projected view is mirrored on both the screen sourced from the single faceplate input (either VGA / HDMI).
- e. The projector screens should completely be opaque. No light should pass through the screens.

Room No: 08 (Second Floor Classroom)

Bill of Quantities:

Sr. No.	Item	Qty
1	Projector (As per attached Specifications)	1
2	Ceiling mount kit (Adjustable 6 Ft.)	1
3	133 (+/- 5) inch Fiber Glass MW Tubular Motor screen with RF remote having 16:10 aspect ratio.	1
4	HDMI Cable 15 meter	3
5	HDMI Cable 3 meter	2
6	1 in 4 out HDMI splitter	1
7	HDMI audio de-embedder	1
8	HDMI faceplate for front end connectivity (providing HDMI and Audio inputs (3.5 mm jack) to the system)	1
9	LED Television display Units (As per attached Specifications - Type B)	2
10	Collar microphone (As per attached Specifications)	2
11	Handheld microphone (As per attached Specifications)	2
12	Suitable 6 channel mixer for mixing inputs from microphones (total 4), 1 Earphone Jack input from the presenter's Laptop with VGA cable and one audio output from HDMI de-embedder.	1
13	Audio amplifier (As per attached Specifications)	1
14	Ceiling speakers (As per attached Specifications)	8
15	Additional Fittings/ Fixtures / cables and connectors as per site requirement.	1 Set
16	12 U Equipment Rack with Caster wheels, front lockable glass door and removable back panel with adequately provisioned power strips.	1
17	Installation and commissioning charges	Job

Scheme of implementation:

The faceplate bearing HDMI and audio input jack shall be a front end access to the video projection system.

- a. The video feed from the faceplate sourced HDMI has to be projected upon the screen with a mirrored display to the television displays fitted midway in the hall alongside the walls.
- b. The television display screens to be wall mounted with swivel mounting kit as per the site requirement and maintaining the 6 Feet clearance above the ramped side aisle of the classroom.
- c. The Audio Mixer shall have the inputs from the following (6 inputs):
 - i. The Output audio from HDMI de-embedder (having HDMI as an input from the Faceplate).
 - ii. Audio sourced from 3.5mm audio input jack.

- iii. Audio output from Wireless Handheld and Collar microphone receivers.
Total 2+2=4 Nos.
- d. The output of the Audio mixer has to be invariably fed to the Audio Power Amplifier which shall serve the output through ceiling mount speakers.

Room No: 09 (Lab A – Second Floor)

Bill of Quantities:

Sr. No.	Item	Qty
1	Projector (As per attached Specifications)	2
2	Ceiling mount kit (Adjustable 6 Ft.)	2
3	123 (+/- 5) inch Tensioned Tubular Motor screen with RF remote having 16:10 aspect ratio.	2
4	HDMI Cable 15 meter	2
5	HDMI Cable 3 meter	2
6	VGA Cable 15 meter	2
7	VGA Cable 3 meter	2
8	HDMI faceplate for front end connectivity (providing HDMI and VGA inputs to the system)	1
9	1x2 HDMI splitter, Resolution Up To 1920x1200 & 1080p	1
10	VGA Splitter 1x2 Ports, 1 In 2 Out, Resolution Up To 1920x1200 & 1080p	1
11	Additional Fittings/ Fixtures / cables and connectors as per site requirement.	1 Set
12	Installation and commissioning charges	Job

Scheme of implementation:

- a. The faceplate bearing HDMI and VGA input jack shall be a front end access to the video projection system.
- b. The video feed from the faceplate sourced HDMI/VGA has to be projected upon the screen.
- c. The two projector screens has to be ceiling suspended (back to back).
- d. The two projectors are to be mounted facing each other (distant apart ~ 25 Ft.) projecting upon the centrally suspended back to back screens from either side. The projected view is mirrored on both the screen sourced from the single faceplate input (either VGA / HDMI).
- e. The projector screens should completely be opaque. No light should pass through the screens.

Room No: 10 (Lab B - Second Floor)

Bill of Quantities:

Sr. No.	Item	Qty
1	Projector (As per attached Specifications)	2
2	Ceiling mount kit (Adjustable 6 Ft.)	2
3	123 (+/- 5) inch Tensioned Tubular Motor screen with RF remote having 16:10 aspect ratio.	2
4	HDMI Cable 15 meter	2
5	HDMI Cable 3 meter	2
6	VGA Cable 15 meter	2
7	VGA Cable 3 meter	2
8	HDMI faceplate for front end connectivity (providing HDMI and VGA inputs to the system)	1
9	1x2 HDMI splitter, Resolution Up To 1920x1200 & 1080p	1
10	VGA Splitter 1x2 Ports, 1 In 2 Out, Resolution Up To 1920x1200 & 1080p	1
11	Additional Fittings/ Fixtures / cables and connectors as per site requirement.	1 Set
12	Installation and commissioning charges	Job

Scheme of implementation:

- The faceplate bearing HDMI and VGA input jack shall be a front end access to the video projection system.
- The video feed from the faceplate sourced HDMI/VGA has to be projected upon the screen.
- The two projector screens has to be ceiling suspended (back to back).
- The two projectors are to be mounted facing each other (distant apart ~ 25 Ft.) projecting upon the centrally suspended back to back screens from either side. The projected view is mirrored on both the screen sourced from the single faceplate input (either VGA / HDMI).
- The projector screens should completely be opaque. No light should pass through the screens.

Additional spares:

Below additional spares are to be supplied as a part of this tender for operation, maintenance and Upkeep of the Audio Video equipment installation. These spares are totally in addition to the spares / supplies incidentals etc. required for design and deployment of the Audio Video facilities in all of the above rooms and are required to be handed over post implementation of the facility as tendered.

Sr. No.	Item	Qty
1	HDMI Cable (3mtr) Male to Male	25
2	VGA Cable (3mtr) computer cable 15 Pin Male to Male	25
3	Laser Pointer Pen (Green Laser)	10
4	Laser Pointer Pen (Green Laser)	5
5	Logitech R800 Wireless Laser Presenter	6
6	HDMI Male to VGA Female Connectors	6
7	USB-C male to VGA Female connector (compatible with Mac OS too)	6
8	USB-C male to HDMI Female connector (compatible with Mac OS too)	6
9	Thunder bolt male to HDMI female (compatible with Mac OS too)	5
10	VGA 15 Pin Female to Female Gender Changer Coupler Cable Extender Joiner	15
11	HDMI Extender (Female both side)	15
12	Computer Power cord, 3 Pin, 3 Meters, Indian Type 5/6 Ampere socket compatible	25
13	Stereo 3.5 mm cable Male to male molded 10 Meters	15
14	RCA male to 3.5mm male cables 3 meter	5
15	XLR Male Plug connectors	20
16	XLR Female Plug connectors	20

Section II – Technical Specifications:

A. Specifications for projectors		
Sr. No.	Specifications	Parameters
1	Brightness	4000 ANSI Lumens or Better
2	Keystone Correction	vertical: $\pm 30^\circ$, Auto horizontal $\pm 30^\circ$ or Better
3	Mounting	Adjustable Ceiling Mount kit (approx. 6 Ft.)
4	Native Resolution	WUXGA, 1920 x 1200, 16:10 Full HD Support
5	Contrast Ratio	15000:1 or better
6	Input	Stereo mini jack audio in (2x), Stereo mini jack audio out, MHL, RGB out, RGB in (2x), Composite in, HDMI in (2x), VGA out, VGA in (2x)
7	Focus	Manual
8	Rated Lamp life (Full Power / Normal Mode)	5500 Hrs. or better

9	Audio Out (Loudspeaker)	15 Watts or More
10	Warranty	3 Years Comprehensive warranty (excluding projector Lamp)
11	Control	Wireless remote and controllable through AMX, Crestron, Control4 control processors through a serial interface

B. Specifications for Wireless Collar Microphones

Sr. No.	Specifications	Parameters
1	Battery	Replaceable batteries of AA or AAA Size
2	Carrier frequency range	UHF
3	Connectivity	Wireless
4	On/ Off Feature Mute / un-mute feature on Wireless set	Yes
5	Gain / Sensitivity control on Wireless set	Yes
6	Dust and moisture protective cover for Lavalier Microphone	Yes
7	Audio Out	Balanced
8	Low battery feature indicator on the Wireless set	Yes
9	Belt clip for fixing the transmitter	Yes
10	Audio bandwidth	80 Hz - 16 Khz or better
11	RF shielding feature to free from cell phones Interference, FM Radio/ police communication and any third party RF sources.	Yes
12	Select mix and match feature for microphones with wireless receivers installed	Yes
13	LED / LCD display for showing the Mute status and frequency pairing with wireless receivers	Yes

C. Specifications for Wireless Handheld Microphones

Sr. No.	Specifications	Parameters
1	Battery	Replaceable batteries of AA or AAA Size
2	Carrier frequency range	UHF
3	Connectivity	Wireless

4	On/ Off Feature Mute / un-mute feature on Wireless set	Yes
5	Gain / Sensitivity control on Wireless set	Yes
6	Audio Out	Balanced
7	Low battery feature indicator on the Wireless set	Yes
8	Belt clip for fixing the transmitter	Yes
9	Audio bandwidth	80 Hz - 16 Khz or better
10	RF shielding feature to free from cell phones Interference, FM Radio/ police communication and any third party RF sources.	Yes
11	Select mix and match feature for microphones with wireless receivers installed	Yes
12	LED / LCD display for showing the Mute status and frequency pairing with wireless receivers	Yes

D. Specifications for Audio Power Amplifier

Sr. No.	Specifications	Parameters
1	Power	300 W @ 4Ω Power or better
2	Number of input channels	2 Channels Minimum
3	Frequency Response	60 Hz to 16 Khz or better
4	Signal to Noise Ratio (rated as full power output; A-Weighted)	> 95dB
5	Warranty	Minimum 3 years comprehensive on-site warranty
6	Inputs	Each Channel with XLR and 1/4 inch audio jack

E. Specifications for Ceiling Speakers

Sr. No.	Specifications	Parameters
1	Rated Maximum SPL	92 dB SPL @ 1 m (3.3 ft.) or better
2	Output Frequency range	80 Hz to 16 Khz or better
3	Output Power (RMS)	25 Watts or More
4	Packaging	Front grilled, backcan and tile rails for fast installation
5	Nominal conical polar coverage pattern	140 degrees or better

6	Mounting Type	Ceiling mount
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Note: To be fixed with the tile rails designed to fit standard 24-inch wide ceiling tiles (or 600-mm wide tiles).

F. Specifications for Television Display Units (Type – A)		
Sr. No.	Specifications	Parameters
1	Resolution	3840 x 2160 UHD
2	Diagonal Size	Minimum 65 inches
3	Backlight Mode	LED
4	Brightness	450 Nits or better with antiglare screen
5	contrast	1,000:1
6	Viewing Angle(H/V)	178/178 degrees or better
7	Warranty	Minimum 3 years comprehensive onsite warranty
8	Input	HDMI(2), DVI-D, RGB, Audio
9	Output	Audio, External Speaker Out, DP Out
10	External Control	RS232C in/out, RJ in, IR Receiver, USB
11	Content Management Software support	Yes
12	Built in WI-FI	Yes

The brightness in the center of the screen and the edges of the screen is uniform and there is no perceivable difference in the quality of the picture on the center and on the edges of the screen.

Certifications :

- a) RoHS compliant – For environment
- b) FCC Class "A" / CE / KCC – For radiations regulation
- c) Energy Star 4.0 + Certified.

G. Specifications for Television Display Units (Type B)		
Sr. No.	Specifications	Parameters
1	Resolution	3840x2160
2	Diagonal Size	55 inches
3	Backlight Mode	LED
4	Brightness	350 Nits or better with antiglare screen
5	contrast	1,000:1
6	Viewing Angle(H/V)	178/178 degrees or better

7	Warranty	Minimum 3 years comprehensive onsite warranty
8	Input	HDMI(2), DVI-D, RGB, Audio
9	Output	Audio, External Speaker Out, DP Out
10	External Control	RS232C in/out, RJ in, IR Receiver, USB
11	Content Management Software support	Yes

The brightness in the center of the screen and the edges of the screen is uniform and there is no perceivable difference in the quality of the picture on the center and on the edges of the screen.

Certifications :

- a) RoHS compliant – For environment
- b) FCC Class "A" / CE / KCC – For radiations regulation
- c) Energy Star 4.0 + Certified.

H. Specifications for Camera		
Sr. No.	Specifications	Parameters
1	Sensor	1/2.8" 2 MP CMOS
2	Optical Zoom	Min. 12X or More
3	Panning Angle	+100 ~ -100° or better
4	Tilting Angle	+30 ~ -30° or better
5	Preset Positions	Min. 16
6	Video Output (HD) Interface	USB 3.0 & HDMI (Simultaneous Output)
7	Video Output	1080p 60/50 fps, 1080i 50/60 fps, 1080p 30/25fps, 720p 60/50fps, 720p 30/25fps, NTSC/PAL
8	Camera Control Interface/Protocol	RS-232 in/out
9	Video S/N Ratio	> 50dB
10	Shutter Speed	1/1~1/10,000
11	Focal Length	f=4~20 mm or better
12	Horizontal Viewing Angle	72° or better
13	Aperture	F2.8~3.9 or better
14	Minimum Illumination	Min. 1.5lux
15	Minimum Object Distance	500mm(Wide)~1200mm(Tele)
16	Gain Control	Auto/Manual

17	White Balance	Auto, Indoor, Outdoor, One-Push, Manual
18	Exposure Control	Auto, Manual
19	Focus System	Auto, Manual
20	Remote Control	Yes
21	Compatibility with Applications	Skype for Business / Webex/ Zoom/ BlueJeans/ Lync/ Hangouts (As per attached Specifications)

Section III - Conditions for the Execution of Work:

Part (A)

1. General Terms and Conditions

1.1 The bidder should have adequate facilities, trained manpower and staff for installation, commissioning and providing maintenance support service after the sales of the equipment(s) in India.

1.2 The Bidder will deploy their own manpower for the installation / integration of the equipment(s) and should not be outsourced to any third party.

2. Safety code for works

I. There shall be maintained at readily accessible place first aid alliances including adequate supply of sterilized dressings and cotton wool.

II. An injured person shall be taken to a public hospital without loss of time, in case where the injury necessitates hospitalization.

III. Suitable and strong scaffolds should be provided for Workmen for all Work that cannot safely be done from ground.

IV. No floor, roof or other part of the structure shall be so over loaded with debris or materials as to render it unsafe.

V. Those engaged in welding Work shall be provided with welder's protective eye-sheds and gloves.

VI. The entire contractor's staff should have its standard tools and equipment for any repair or replacement of the faulty component or device.

VII. Wires and connectors used should be in accordance with the rated value of the component or device.

VIII. The contractor will be responsible to provide safety equipment(s)/tools for his/her working staff.

3. Coordination for work

I. The contractor hereby agrees to coordinate Work in such manner and to his best efforts to prevent disruption, encumbrances or interruption in use of the property above, below and/or adjacent to the working site.

II. Contractor shall advise IISER Pune through their Engineer in case any assistance or coordination is required with regards to the building estate staff on any anticipated or actual interruption or interference in the execution of Work twenty four hours in advance

of the situation or requirement and IISER Pune shall render prompt necessary assistance to ensure removal of the anticipated or actual interruption or interference in Work progress from any quarter.

4. Representation by contractor during the execution of the work

- I. The contractor shall ensure representation of work on his behalf through an implementation team as his representative.
- II. Contractor shall appoint a Team Leader on his behalf. The team leader will interact with IISER Pune for all matters concerned with the contract.
- III. In case of any technical decision for the execution of work, the decision of IISER designated authorized representative will be final.

5. Contractor's employees and labour

- I. The contractor shall comply with the provisions of all labour legislation including:
 - a) Minimum Wages Act, Rules & amendments, The Payment of Wages Act.
 - b) Workmen Compensation Act. & Apprentices Act 1961.
 - c) Contract Labour (Regulation and Abolition) Act.
 - d) Any other Act or enactment relating thereto and rules framed thereunder from time to time.
- II. No Labour below the age of eighteen years and who is not an Indian national shall be employed on the Work.
- III. Any Labour supplied by the contractor to be engaged on the Work on day-work basis either wholly or partly under the order of IISER Pune shall be deemed to be a person employed by the contractor.
- IV. The Contractor shall fulfill all requirements of the Employee laws, as applicable, towards his employees or labour, hired for the Contract and keep all the required records ready for inspection by concerned public authorities concerned at any time as necessary. Contractor shall also ensure the compliance of any guidelines issued regarding labour welfare from time to time.
- V. Contractors Employees or Labour at site are to restrict themselves to the area in which the Work is progressing.
- VI. The site will be a strictly a no smoking zone.
- VII. The Contractor shall be fully responsible for the acts or failure to act, and omissions of the Contractor's employees, suppliers, labour and material men.
- VIII. The contractor shall indemnify IISER Pune against any claim of legal action arising out of the said Act due to the failure of non-compliance of the provisions of the said Act and the proven penalty or any other amount levied by the authorities, if any, shall be recoverable from the payments due to the Contractors.

Conditions for the Execution of Work:

Part (B)

1. Technical Conditions

- I. The work is to be carried out under the supervision of IISER Pune representative
- II. All instruments, Machines, Materials, Spares, consumables etc. will be brought by the contractor only.
- III. The maintenance works are to be carried out as per the recommendations of the Manufacturer & Only Original Spares/ Materials/Consumables shall be used.
- IV. Transport: No separate charges will be paid for transport. It shall be provided free of cost by the contractor.
- V. Contractor shall provide suitable standby arrangement in case of failure of equipment during the covered warranty or comprehensive AMC as per the stipulated timeline in this tender document.
- VI. All spares, materials required for carrying out preventive & corrective maintenance shall be brought by the contractor.
- VII. The qualified bidder shall supply all the spares and accessories for installation & Commissioning, as may be required during erection, initial operation of the facility till successful commissioning at IISER Pune (which may even found to be deficient in the Bill of quantities as quoted to ensure full-fledged operations as a turnkey solution).

2. Materials and Samples

- I. All the work specified and provided for in the specifications shall be executed with materials of the best and approved quality contained in and as represented by ISI Specifications and as represented by the drawings or according to such other additional particulars, and instructions as may from time to time be given by IISER Pune during the execution of the work, and to the entire satisfaction. The material should be procured from OEM authorized firm only with consignee inspection.
- II. All the materials (except where otherwise described) stores and the equipment required for the full performance of the work under the contract must be provided through normal channels and must include charge for import duties, taxes and other charges as applicable. IISER Pune is not liable to pay any additionally apart from the contract.
- III. The Contractor shall strictly adhere to the manufacturer's recommendations and instructions for storing, installing, erecting or fixing all products, materials and equipment. On completion of Work or an installation, the manufacturer's original manuals, guarantees and warranties properly filled-in with requisite details including establishment of the correct ownership shall be delivered to IISER Pune together with the submission of the final bill copy under a written receipt.

3. Bill of Materials and Software License

- 3.1 The successful bidder shall furnish the bill of material of all procured hardware items as a part of the proposed installation along with the license for the Software Application / Tools, only in the name of IISER Pune. All relevant documents for the same is required to be handed over to IISER Pune during the Acceptance Testing of the system thus deployed along with the media of installable software, as selected to bid, including the preinstalled software's with licenses.
- 3.2 The equipment / item / software to be supplied should be supported by a Service / Support center manned by the technical service / support engineers authorized by OEM. The successful bidder will have to arrange / provide for all the

testing equipment & tools if required for successful installation, testing & acceptance, maintenance etc.

3.3 The successful bidder shall also provide the necessary details of the installed setup like schematic drawings, wiring, cabling and connection details, details of configuration and programming done in the detailed 'Customer Customization Document' covering every aspect of the project along with all the credentials for accessing the system (including administrative user) upon the successful execution of the project.

4. Structural Alteration to IISER Pune Buildings

(i) No structural member in the building shall be damaged/ altered, without prior approval from the competent authority through the Engineer-In-Charge of IISER Pune.

(ii) Structural provisions like openings, cutouts, if any, provided for the work, shall be used. Where these required modifications or fresh provisions are required to be made, such contingent works shall be carried out by the contractor at his cost. This will include but not limited to the cutting of wall acoustics and false ceiling, paving the PVC trunking for managing cables if required.

(iii) All such openings in floors provisioned shall be closed by the contractor after installing the cables/conduits/rising mains etc. as the case may be, by any suitable means as approved by IISER Pune representative without any extra payment.

(iv) Any alterations required in connection with the electrical works shall be provided and filled by the contractor at his own cost to the original architectural finish of the buildings.

(v) On Completion of the executed work the site's architectural finish and aesthetics should be retained with exhibition of the highest degree of workmanship standards.

5. Exemption from liability

The contractor is exempted from liability only in case the equipment(s) are damaged physically out of the act of abnormal usage, vandalization or abuse by any IISER Pune staff. However, the contractor is held absolutely liable for the damage to the equipment(s) arising out of the activity of the contractor through their authorized representatives or otherwise.

CHAPTER-5 PRICE SCHEDULE

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

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

PRICE SCHEDULE FOR GOODS - FOREIGN CURRENCY

Name of the Bidder _____

Tender No. _____

1	2	3	4	5	6		7		8		9
SI No	Item Description	HSN Code	Unit	Qty	Unit Price		Total price (5x6)		Charges for Insurance & transportation to port/ place of destination		Total Price (7+8)
					FOB (named port of shipment)	FCA (named place of delivery)	FOB (named port of shipment)	FCA (named place of delivery)	Ocean	Air	CIF
1											
2											
3											

Total Bid price in foreign Currency _____ in words.

Signature of Bidder :

Name :

Business Address :

Note:

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

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

PRICE SCHEDULE FOR GOODS –INR

Name of the Bidder _____

Tender No. _____

1	2	3	4	5	6	7	8	9	10	11	12
Sl. No.	Item Description	Country of Origin	Qty	Unit	Ex-Works. Ex-Warehouse, Ex-show room off the shelf price (inclusive of tax already paid)	Total price	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)
						Ex-Works. Ex-Warehouse, Ex-show room off the shelf price (inclusive of tax already paid) 4x6					
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?		

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
2	Whether techno-commercial Bid contains EMD, technical literature/leaflets, detailed specifications & commercial terms & conditions etc. as applicable?		
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'		
	c) Pre-receipted bill for refund of EMD is enclosed (for bank drafts only)		
4	a. If the prices are on Ex-Works basis or FOB (names port of shipment) or FCA (named place of delivery abroad)?		
	b. Whether specific amounts or percentage of expenses like packing, forwarding, handling, freight, insurance, documentation etc. have been mentioned in quotation separately in clear terms?		

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
5	a) Whether prevailing rates of taxes, excise duty & other Govt. levies (for indigenous supplies) have been given in quotation?		
6	Have you mentioned the validity period of the quotation as per our requirements?		
7	a) Whether the Price reasonability Certificate is submitted with quotation?		
	b) Whether copies of last two supply orders of the same item from other customers have been attached with the quotation?		
8	Whether rates/amount of AMC after the warranty period is over has been mentioned?		
9	Have you gone through the specification Clause & complied with the same?		
10	Whether the Make/Brand, Model number and name of manufacturer has been mentioned in the quotation and Printed technical literature/ leaflets of quoted items have been submitted?		
11	Whether compliance statement of specifications has been attached with the quotation?		

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
12	a) Whether the delivery period for supply of the items has been mentioned?		
	b) Whether mode of delivery & tentative size & weight of the consignment has also been indicated		
13	Do you agree to the submission of Performance Bank Guarantee and have you mentioned in your quotation about this?		
14	a) Do you agree with the payment terms for indigenous supplies?		No deviation permitted
	b) Do you agree with the payment terms for imports supplies?		
15	Do you agree about the date of commencement of warranty period & its extension is necessary?		
16	a) Who will install/commission and demonstrate the equipment at IISER Pune, free of cost?		
	b) Will you be able to do it within 15 days?		
17	Have you mentioned the guarantee/warranty period in your quotation and do you agree with guarantee clause?		
18	Spare parts		

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
19	After Sales service		
20	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?		
21	Whether list of specific user's for the same item & model as quoted along-with performance certificates from the users is submitted with offer?		
22	Whether you agree to the penalty clause for late delivery & installation?		
23	Whether training to our scientist/technical person will be given free of cost?		
24	a) Whether all the pages have been page numbered?		
	b) Whether quotation has been signed and designation & name of signatory mentioned.		

FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS

S. N.	Name of specifications/ part / Accessories of tender enquiry	Specifications of 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
A. Specifications for projectors					
1	Brightness	4000 ANSI Lumens or Better			
2	Keystone Correction	vertical: $\pm 30^\circ$, Auto horizontal $\pm 30^\circ$ or Better			
3	Mounting	Adjustable Ceiling Mount kit (approx. 6 Ft.)			
4	Native Resolution	WUXGA, 1920 x 1200, 16:10 Full HD Support			
5	Contrast Ratio	15000:1 or better			
6	Input	Stereo mini jack audio in (2x), Stereo mini jack audio out, MHL, RGB out, RGB in (2x), Composite in, HDMI in (2x), VGA out, VGA in (2x)			
7	Focus	Manual			
8	Rated Lamp life (Full Power / Normal Mode)	5500 Hrs. or better			
9	Audio Out (Loudspeaker)	15 Watts or More			
10	Warranty	3 Years Comprehensive warranty (excluding projector Lamp)			

11	Control	Wireless remote and controllable through AMX, Crestron, Control4 control processors through a serial interface			
B. Specifications for Wireless Collar Microphones					
1	Battery	Replaceable batteries of AA or AAA Size			
2	Carrier frequency range	UHF			
3	Connectivity	Wireless			
4	On/ Off Feature Mute / un-mute feature on Wireless set	Yes			
5	Gain / Sensitivity control on Wireless set	Yes			
6	Dust and moisture protective cover for Lavelliar Microphone	Yes			
7	Audio Out	Balanced			
8	Low battery feature indicator on the Wireless set	Yes			
9	Belt clip for fixing the transmitter	Yes			
10	Audio bandwidth	80 Hz - 16 Khz or better			
11	RF shielding feature to free from cell phones Interference, FM Radio/ police communication and any third party RF sources.	Yes			

12	Select mix and match feature for microphones with wireless receivers installed	Yes			
13	LED / LCD display for showing the Mute status and frequency pairing with wireless receivers	Yes			
C. Specifications for Wireless Handheld Microphones					
1	Battery	Replaceable batteries of AA or AAA Size			
2	Carrier frequency range	UHF			
3	Connectivity	Wireless			
4	On/ Off Feature Mute / un-mute feature on Wireless set	Yes			
5	Gain / Sensitivity control on Wireless set	Yes			
6	Audio Out	Balanced			
7	Low battery feature indicator on the Wireless set	Yes			
8	Belt clip for fixing the transmitter	Yes			
9	Audio bandwidth	80 Hz - 16 Khz or better			
10	RF shielding feature to free from cell phones Interference, FM Radio/ police communication	Yes			

	and any third party RF sources.				
11	Select mix and match feature for microphones with wireless receivers installed	Yes			
12	LED / LCD display for showing the Mute status and frequency pairing with wireless receivers	Yes			

D. Specifications for Audio Power Amplifier

1	Power	300 W @ 4Ω Power or better			
2	Number of input channels	2 Channels Minimum			
3	Frequency Response	60 Hz to 16 Khz or better			
4	Signal to Noise Ratio (rated as dBr to full rated 8Ω power output; A-Weighted)	> 95dB			
5	Warranty	Minimum 3 years comprehensive onsite warranty			
6	Inputs	Each Channel with XLR and 1/4 inch audio jack			

E. Specifications for Ceiling Speakers

1	Rated Maximum SPL	92 dB SPL @ 1 m (3.3 ft.) or better			
2	Output Frequency	80 Hz to 16 Khz or better			

	range				
3	Output Power (RMS)	25 Watts or More			
4	Packaging	Front grilled, backcan and tile rails for fast installation			
5	Nominal conical polar coverage pattern	140 degrees or better			
6	Mounting Type	Ceiling mount			
F. Specifications for Television Display Units (Type A)					
1	Resolution	3840x2160			
2	Diagonal Size	Minimum 65 inches			
3	Backlight Mode	LED			
4	Brightness	450 Nits or better with antiglare screen			
5	contrast	1,000:1			
6	Viewing Angle(H/V)	178/178 degrees or better			
7	Warranty	Minimum 3 years comprehensive onsite warranty			
8	Input	HDMI(2), DVI-D, RGB, Audio			
9	Output	Audio, External Speaker Out, DP Out			
10	External Control	RS232C in/out, RJ in, IR Receiver, USB			
11	Content Management Software support	Yes			
12	Built in WI-FI	Yes			
G. Specifications for Television Display Units (Type B)					
1	Resolution	3840x2160			
2	Diagonal Size	55 inches			
3	Backlight Mode	LED			
4	Brightness	350 Nits or better with antiglare screen			
5	contrast	1,000:1			
6	Viewing Angle(H/V)	178/178 degrees or better			

7	Warranty	Minimum 3 years comprehensive onsite warranty			
8	Input	HDMI(2), DVI-D, RGB, Audio			
9	Output	Audio, External Speaker Out, DP Out			
10	External Control	RS232C in/out, RJ in, IR Receiver, USB			
11	Content Management Software support	Yes			
H. Specifications for Camera					
1	Sensor	1/2.8" 2 MP CMOS			
2	Optical Zoom	Min. 12X or More			
3	Panning Angle	+100 ~ -100° or better			
4	Tilting Angle	+30 ~ -30° or better			
5	Preset Positions	Min. 16			
6	Video Output (HD) Interface	USB 3.0 & HDMI (Simultaneous Output)			
7	Video Output	1080p 60/50 fps, 1080i 50/60 fps, 1080p 30/25fps, 720p 60/50fps, 720p 30/25fps, NTSC/PAL			
8	Camera Control Interface/Protocol	RS-232 in/out			
9	Video S/N Ratio	> 50dB			
10	Shutter Speed	1/1~1/10,000			
11	Focal Length	f=4~20 mm			
12	Horizontal Viewing Angle	72° or better			
13	Aperture	F2.8~3.9			
14	Minimum Illumination	Min. 1.5lux			
15	Minimum Object Distance	500mm(Wide)~1200mm(Tele)			

16	Gain Control	Auto/Manual			
17	White Balance	Auto, Indoor, Outdoor, One-Push, Manual			
18	Exposure Control	Auto, Manual			
19	Focus System	Auto, Manual			
20	Remote Control	Yes			
21	Compatibility with Applications	Skype for Business / Webex/ Zoom/ BlueJeans/ Lync/ Hangouts (As per attached Specifications)			

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) : _____

Enclose scan copy of cancelled Cheque.

Branch Address and Branch Code: _____

Other Details

Vendor's PAN No. _____

Vendor's GST 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)			
Sr. No.	Content	File Types	Document Attached
1	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)			
Sr. No.	Content	File Types	Document Attached
1	Price bid should be submitted in PDF Format	.PDF	(Yes /No)