

Tender Document

For

Supply and Installation of Electronics & A/V system (for Lobby, Seminar hall, Conference rooms, Meeting rooms etc.) for NCFLEXE Building at IIT Kanpur.

The Bidding Documents include:

- Section I : Instructions to Bidders**
- Section II : Bidding Data Sheet**
- Section III : Technical details/ Specification form**
- Section IV : Price Bid Form**
- Section V : Commercial Terms and Conditions**
- Section VI : Performance Guarantee Template**

Prof Siddhartha Panda
National Centre for Flexible Electronics (SCDT),
I.I.T. Kanpur



INDIAN INSTITUTE OF TECHNOLOGY, KANPUR
National Centre for Flexible Electronics (SCDT)
Invitation to Bid (ITB)

Tender Inquiry No. : SCDT/FLEXE/2017-2018/22

Tender Opening Date: 10/01/2018

Tender Closing Date: 30/01/2018

Extended Closing Date: 05/02/2018

IIT Kanpur invites tender in two-bid system from reputed manufacturers and / or authorized testing & commissioning suppliers for the following work:

SR. NO.	Name of Work	Estimated Cost (In Lacs)	Earnest Money (In INR)	Bid validity Period
1	Supply, Installation, testing & commissioning of Electronics & A/V system (for Lobby, Seminar hall, Conference rooms, Meeting rooms etc.) for NCFLEXE Building at IIT Kanpur	26,51,000/-	1,00,000/-	3 Months

General Information for bidders

1. The bidders may submit separate price bid form for each option. For this purpose, they may make photocopies of the price bid form and use separate set for each option offered. The price bid form in such cases may be labelled sample option 1, 2, 3 etc. ensuring that the samples provided bear the same number as on the form.
2. The Goods shall be supplied on the basis of a one-off supply. The IITK does not guarantee any minimum level of business and the IITK shall be under no obligation to buy any or all of the Goods and Associated Services exclusively from the selected contractor.
3. Bids must be delivered to in accordance to Article 19.1b of section I.
4. Unless otherwise specified, bids sent by e-mail and facsimile will not be accepted.
5. The Bid prices shall be quoted in <INR>. The Contract(s) under consideration shall be entered into with the IITK. The Goods shall be delivered, as relevant, to a place of delivery to be specified by the IITK.
6. Bidders should include in their Bid prices any and all costs associated in respect to the place of delivery, including but not limited to the delivery, unloading, insurance, storage, assistance in the actual customs clearance process, and loading of relevant cargo.
7. The IITK reserves the right to accept or reject any Bid, and to annul, in whole or in part, or to suspend the bidding process and reject all Bids at any time and without reason prior to award, without thereby incurring any liability to the affected Bidder or Bidders.
8. The complete set of Bidding Documents can also be downloaded from <<http://iitk.ac.in/new/tenders-notice>> - applicable for limited as well as advertised tender inquiries.
9. For those companies having obtained the Bidding Documents, we would appreciate a prompt fax/ e-mail acknowledging your receipt of this ITB. Should you choose not to submit a Bid, we would also appreciate a brief written notice to that effect and where practicable the return of materials forwarded to you with this letter.
10. Please address your queries or questions in writing at the address given below and kindly refrain from any telephone calls or personal visits.

Prof Siddhartha Panda
National Centre for Flexible Electronics (SCDT),
Indian Institute of Technology
Kanpur – 208 016, U.P.
India
Tel: (91) 512 – 259 6987. Email: spanda@iitk.ac.in; vikash@iitk.ac.in

Mandatory Terms & Conditions

1. It is mandatory for the bidder to read all the points, instructions and details given in the tender document.
2. It is mandatory for the bidder to fill (technical compliance sheet/ details on delivery, payment, validity of quote, manufacturer authorization form, financial sheet, signature/stamp on documents required etc.) the complete details / information from his side at required pages in the tender document.
3. All the pages/documents to be duly signed and stamped by the authorized signatory.
4. Maximum educational discounts should be applied, Please mention educational discount specifically.
5. Bidder must indicate installation and cables & connectors charges specifically, if applicable.
6. It is mandatory for the bidder to submit the cabling plan along with room sizes at the time of tender submission.
7. Visit by prospective bidders for the Physical inspection/ verification of the site before submitting bid is mandatory.

General Terms & Conditions

8. Evaluation will be done on the basis of technical specifications as well as mandatory criteria.
9. Price bid will be opened for only those technical bids that qualify all the mandatory criteria and technical specification as per our tender notice.
10. Please send the name and contact details of the person to whom company had supplied/ or given services for similar systems & requirement. Committee may ask for the feedback.
11. The supplier must have supplied systems to institutions of national and/or international repute.
12. Payment terms 90% after successful supply, installation, testing & commissioning and balance 10% 3 months after successful commissioning (bidder must confirm the acceptance on payment terms).
13. Warranty/Guarantee should be clearly mentioned. The Warranty must start from the date of successful commissioning at IITK.
14. Installation, demonstration, and training-sessions at IIT Kanpur will have to be provided by the manufacturer or the vendor for the quoted system free of cost.
15. Bids should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
16. Validity of bid should be at least for 90 days from the closing date of tender.
17. Institute is eligible for partial custom duty (CD applicable to IIT Kanpur is 5.15%).
18. The delivery period should be specifically stated. Earlier delivery may be preferred.
19. At any time prior to the deadline for submission of bid, the Institute may, for any reason, at its own initiative, modify the bid document by amendments. Such amendments shall be uploaded on the website through corrigendum and shall form an integral part of bid document. The relevant clauses of the bid document shall be treated as amended accordingly. It shall be the sole responsibility of the prospective bidders to check the website from time to time for any amendment in the tender document. The Institute shall not be responsible for bidder's failure to note the amendments.
20. The penalty @1% per week or part thereof subject to max 10% of the delivery price will be deducted from the balance payment, if supply, installation, testing, commissioning is not completed within permitted period.
21. The institute reserves the right to withhold placement of final order. The right to reject all or any of the bids without assigning any reason is reserved.

Kindly send the quotation in sealed envelope latest by 3:00PM On dated 05/02/2018 to the following address.

Prof Siddhartha Panda
National Centre for Flexible Electronics (SCDT),
Indian Institute of Technology
Kanpur – 208 016, U.P.
India
Tel: (91) 512 – 259 6987. Email: spanda@iitk.ac.in; vikash@iitk.ac.in

SECTION I - INSTRUCTIONS TO BIDDERS (ITB)

Notes to Bidders: This section provides detailed information necessary for Bidders to prepare their Bids, in accordance with the requirements specified by the IITK. It also provides information on Bid submission, opening, and evaluation, and on the award of contract. Bidders should read these Instructions to Bidders in conjunction with Section II, Bidding Data Sheet, of the Bidding Documents. These Instructions to Bidders will not be part of the Contract.

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| <p>1. SCOPE</p> <p>1.1 The entity of the IITK specified in the cover note to these Bidding Documents invites Bids for the procurement of Goods and Associated Services as described in the Bidding Documents.</p> <p>2. ELIGIBILITY OF BIDDERS</p> <p>2.1 This bidding is open to all eligible companies as defined in ITB Article 2.</p> <p>2.2 The IITK may, in its sole unfettered discretion, disqualify or otherwise determine ineligible any potential Bidder that the IITK believes is, has been or will be, whether directly or indirectly, engaged in criminal or any other unethical behaviour, financially unsound, or otherwise unfit in the IITK's opinion to participate in the bidding exercise. This provision shall also be a condition precedent to, and continuing condition of, any Contract between the IITK and a successful Bidder.</p> <p>2.3 A Bidder shall not be eligible to participate in this bidding or in the performance of the contract under consideration if such Bidder, or any employee, executive, manager or director thereof:</p> <ul style="list-style-type: none">• participated in the preparation of the concerned procurement notice or Bidding Documents, or any part thereof, being subsequently used by the IITK; or• Received assistance in the preparation of its Bid or request to participate from a person or company who or that participated in the preparation of the concerned procurement notice or Bidding Documents, or any part thereof. <p>2.4 In its Bid, the Bidder shall indicate the origin of the Goods proposed.</p> <p>2.5 Unless otherwise specified in Section II, Bidding Data Sheet, the Bidder must present the certificates of origin for all Goods required for the provisional acceptance or upon presentation of the invoice. The option chosen shall be specified in the Contract / Purchase Order.</p> <p>2.6 A Bidder shall not be eligible to participate in this bidding or in the performance of the contract under consideration if such Bidder:</p> <ul style="list-style-type: none">- is bankrupt or being wound up, is having its affairs administered by the courts, has entered into an arrangement with creditors, has suspended business activities, is the subject of proceedings concerning those matters, or is in any analogous situation arising from a similar procedure provided for in national legislation or regulations;- has been convicted of an offense concerning its professional conduct by a judgement which has the force of res judicata;- has been subject of a judgement which has the force of res judicata for fraud, corruption, involvement in a criminal organization or any other | <ul style="list-style-type: none">- illegal activity detrimental to the financial interests of the IITK;- is guilty of misrepresentation in supplying the information required as a condition of participation in this bidding exercise or fail to supply this information;- is subject to a conflict of interest. <p>3. IITK PRIVILEGES AND IMMUNITIES</p> <p>3.1 Nothing in or relating to the Bidding Documents shall be deemed a waiver, expressed or implied, of any of the privileges and immunities of the IITK.</p> <p>4. ETHICS</p> <p>4.1 In accordance with general IITK procurement principles, it is a requirement of the IITK that Bidders, or any executive, manager or director thereof, observe the highest standards of ethics during each phase of any procurement and execution of contracts. The IITK defines for this purpose:</p> <ul style="list-style-type: none">• 'coercive practice' means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement or affect the execution of a contract;• 'collusive practice' means a scheme or arrangement between two or more Bidders, designed to establish bid prices or other terms at artificial, non-competitive levels;• 'corrupt practice' means the offering, giving, receiving, or soliciting, directly or indirectly, of any thing, of value to influence the action of any IITK official or any other person involved in any procurement or in contract execution;• 'Fraudulent practice' means a misrepresentation or omission of facts in order to influence a procurement or the execution of a contract. <p>4.2 In pursuance of this requirement, the IITK will:</p> <ul style="list-style-type: none">• Reject a Bid if it determines that the Bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the contract;• Terminate a contract if it determines that the contractor has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, and in executing, the contract;• Declare the Bidder ineligible, either indefinitely or for a stated period of time, from being awarded any contract by the IITK if it at any time determines that the Bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, the contract. |
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5. BIDDER'S RESPONSIBILITIES

- 5.1 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information required by the Bidding Documents or to submit a Bid substantially responsive to the Bidding Documents in every respect will be at the Bidder's risk and may result in the rejection of its Bid.
- 5.2 The Bidder shall bear all costs associated with the preparation and submission of its Bid, including costs relating to contract award, and the IITK will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.
- 5.3 Bidders must familiarize themselves with local conditions and take them into account in preparing their Bids. To obtain information on the assignment, technical requirements, and on the local conditions, Bidders are encouraged to attend, at their own cost and risk, a pre-bid meeting/-site visit, if one is specified in the Bidding Data Sheet. Attending the pre-bid meeting/on-site visit is optional.

6. ONE BID PER BIDDER

- 6.1 Each Bidder shall submit only one Bid, either individually or as a partner in a joint venture. A Bidder who submits or participates in more than one Bid (other than as a sub-contractor) shall cause all Bids with the Bidder's participation to be disqualified.

7. LANGUAGE OF BID

- 7.1 Unless another governing language is specified in Section II, Bidding Data Sheet, the governing language in respect to the Bid prepared by the Bidder as well as all correspondence and documents relating to the Bid exchanged between the Bidder and the IITK shall be English. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation in the governing language, in which case, for purposes of interpretation of the Bid, the translation shall govern.

8. CLARIFICATION OF BIDDING DOCUMENTS

- 8.1 Any prospective Bidder requesting any clarification on any contents in the Bidding Documents may notify the contact person of the IITK stated in the cover note to these Bidding Documents in writing.
- 8.2 The IITK will issue a clarification note in respect to any, in the opinion of the IITK, reasonable request for clarification on the contents in the Bidding Documents, which it receives no later than seven (7) calendar days prior to the deadline for the receipt of Bids.
- 8.3 Such clarification note, containing the IITK's response and a description of the contents of the query but without identifying the source thereof,

shall be uploaded under the relevant procurement notice on the IITK's web-site at www.IITK.ac.in under public notice.

9. AMENDMENTS TO BIDDING DOCUMENTS

- 9.1 At any time prior to the deadline for the receipt of Bids, the IITK may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by amendment which will be published under the relevant procurement notice on the IITK's web-site at www.IITK.ac.in under public notice.
- 9.2 All prospective Bidders are advised to regularly visit the IITK web-site to view any amendment made to the Bidding Documents. **The amendments issued pursuant to ITB Articles 8.3 and 9.1 will be binding on the Bidders.** The IITK will assume neither responsibility nor liability for the Bidder's non-familiarity with any amendment issued pursuant to any provision herein.
- 9.3 In order to allow prospective Bidders reasonable time in which to take the amendment into account in preparing their Bids, the IITK may extend the deadline for the receipt of Bids.

10. DOCUMENTS COMPRISING THE BID

- 10.1 The Bid prepared by the Bidder shall comprise the Forms contained in Section III - Technical Bid Forms, Section IV - Price Bid Form and Section V - Commercial Terms and Conditions, duly completed and signed by the Bidder and any other documents and/or information specified in the Bidding Data Sheet.

11. ALTERNATIVE BIDS

- 11.1 Unless otherwise specified in Section II, Bidding Data Sheet, alternative Bids shall not be considered.

12. BID PRICES

- 12.1 The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total Bid Price of the offered goods.
- 12.2 The Bidder's separation of price components will be solely for the purpose of facilitating the comparison of Bids by the IITK and will not in any way limit the IITK's right to contract on any of the terms offered.
- 12.3 All non-exempt duties, taxes, and other levies payable by the Contractor under the Contract / Purchase Order, or for any other cause shall be included in the rates, prices, and total Bid price submitted by the Bidder.

13. BID CURRENCY

- 13.1 Unless otherwise specified in Section II, Bidding Data Sheet, the unit rates and prices shall be quoted by the Bidder entirely in INR

14. BIDDER'S QUALIFICATION

- 14.1 Pursuant to ITB Article 10, the Bidder shall furnish, as part of its Bid, the Qualification Information Form and other relevant documents establishing the Bidder's eligibility to bid and its qualifications to perform the Contract if its Bid is accepted.
- 14.2 The Bidder shall furnish as part of its Bid the documentary evidence establishing to the IITK's satisfaction the Bidder's conformity with qualifications and eligibility requirements specified in the Bidding Documents. Such documentary evidence shall establish that:
- (a) in the case of a Bidder offering to supply the Goods under the Contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the Goods' Manufacturer or producer to supply such goods;
 - (b) The Bidder has the financial, technical, and production capability necessary to perform the Contract;
 - (c) In the case of a Bidder not doing business within the country where the Goods will be delivered, the Bidder is or will be (if awarded the Contract) represented by an agent in such country equipped and able to carry out the Contractor's maintenance, repair, and spare parts-stocking obligations.

15. CONFORMITY OF GOODS

- 15.1 Pursuant to ITB Article 10, the Bidder shall furnish, as part of its Bid, the Bid Forms and other relevant documents establishing that its offered goods and associated services conform to the Bidding Documents.
- 15.2 The documentary evidence of conformity of the offered goods and associated services to the Bidding Documents may be in the form of literature, drawings, printed materials, and data, and may include but not be limited to:
- (a) an item-by-item commentary establishing that the goods and services offered by the Bidder conform with the prescribed Technical Specifications and Schedule of Requirements, Section IV, demonstrating their substantial responsiveness, or a statement of deviations and exceptions to the provisions of the Technical Specifications and Schedule of Requirements;
 - (b) as necessary, a detailed description of the essential technical and performance characteristics of the offered goods and associated services, including but not limited to information on available sources special tools, after-sales services etc as may be specified in Section IV, Technical Specifications and Schedule of Requirements.
- 15.3 Section IV, Technical Specifications and Requirements, contain the minimum technical specifications and requirements prescribed by the IITK. For the purpose of the commentary and description required by this ITB Article 15, the

Bidder shall confirm that the technical specifications and standards of its offered goods and associated services, as a minimum, comply with the requirements of the Bidding Documents. The Bidder may offer goods and associated services with other standards, brand names, catalogue/product numbers, provided that it demonstrates, to the IITK's satisfaction, that such offered goods and associated services ensure substantial responsiveness to the requirements specified in the Bidding Documents.

16. PERIOD OF VALIDITY OF BIDS

- 16.1 Unless otherwise specified in Section II, Bidding Data Sheet, bids shall remain valid for a period of 60 days after the deadline for the receipt of Bids. A Bid valid for a shorter period shall be rejected by the IITK as non-responsive.
- 16.2 In exceptional circumstances, the IITK may solicit the Bidders' consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The Bid Security provided under ITB Article 17 shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request will not be required nor permitted to modify its Bid.

17. BID SECURITY

- 17.1 If specified in Section II, Bidding Data Sheet, the Bidder shall furnish, as part of its Bid, a Bid Security in the amount specified in Section II, Bidding Data Sheet.
- 17.2 The Bid Security is required to protect the IITK against the risk of Bidder's conduct, which would warrant the Bid Security's forfeiture, pursuant to ITB Article 17.7.
- 17.3 If provided therefore under ITB Article 17.1, the Bid Security shall be denominated in INR and shall be in the form of a bank draft drawn in favour of "IIT Kanpur".
- 17.4 Any Bid not secured in accordance with ITB Articles 17.1 and 17.3 will be rejected by the IITK as non-responsive, pursuant to ITB Article 26.4.
- 17.5 Unsuccessful Bidders' Bid Securities will be discharged or returned as promptly as possible, but not later than thirty (30) calendar days after the date of expiration of the bid validity period prescribed by the IITK pursuant to ITB Article 16.
- 17.6 The successful Bidder's Bid Security will be discharged upon such Bidder signing the Contract / accepting the Purchase Order and furnishing the Performance Security, if applicable, pursuant to ITB Articles 33 and 34.
- 17.7 The Bid Security may be forfeited:
- (a) If the IITK determines, on the basis of objectively verifiable evidence, that such Bidder has provided materially false or misleading information to the IITK;

- (b) If a Bidder (i) withdraws its Bid during the period of Bid validity specified by the Bidder on the Bid Submission Form, or (ii) does not accept the correction of errors pursuant to ITB Article 26.2; or
- (c) in the case of a successful Bidder, if the Bidder fails or refuses (i) to sign the Contract in accordance with ITB Article 34.2; or (ii) to furnish a Performance Security in accordance with ITB Article 35.

18. FORMAT AND SIGNING OF BID

- 18.1 The Bidder shall prepare an original and the number of copies of the Bid indicated in Section II, Bidding Data Sheet, clearly marking each “ORIGINAL” and “COPY”, as appropriate. In the event of any discrepancy between them, the original shall govern.
- 18.2 The original and the copy or copies of the Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract.
- 18.3 Any interlineations, erasures, or overwriting shall be valid only if they are initialled by the person or persons signing the Bid.

19. SUBMISSION, SEALING AND MARKING OF BIDS

- 19.1 Bidders may always submit their Bids by mail or by hand. When so specified in Section II, Bidding Data Sheet, Bidders shall have the option of submitting their Bids electronically and/or by facsimile. Bidders submitting their Bids by email or facsimile shall follow the procedures specified in Section II, Bidding Data Sheet. Bids must be properly secured and sealed. The bidders shall submit the completed Section III - Technical Bid Forms (comprising *inter-alia* the specification of the products / services being offered, past experience of similar supplies, financial turnover, profile of their firm, and, all other information and / or evidence, *except price*, asked for by IITK in the Section II, Bidding Data Sheet. Any deviations from the commercial (delivery, payment etc) terms set out in the ITB shall also be brought out by the bidder in the Technical Bid. In addition, the bidders shall also sign and stamp each page of Section V – Commercial Terms and Conditions, as confirmation of their acceptance to the terms and conditions contained therein and submit it along with the completed Technical Bid Forms in a separate envelope clearly marked “**Technical Bid**”.
- 19.1a The Section IV - Price Bid Form shall contain the pricing terms corresponding to the Technical Bid and shall be submitted in a separate sealed envelope clearly marked “**Price Bid**”.
- 19.1b Bidders may deposit their Bids (both Technical Bid and Price Bid, in two separate sealed envelopes, marking envelope as Technical Bid and Price Bid respectively and then put these two envelopes in one big envelope marked with the tender number and closing date) in the tender box.

The envelope addressed to:

Tender Title: Supply and Installation of Electronics & A/V system (for lobby, Seminar hall, Conference rooms, Meeting rooms etc.) for NCFLEXE Building at IIT Kanpur

Tender Number: SCDT/FLEXE/2017-2018/22

Prof Siddhartha Panda
National Centre for Flexible
Electronics (SCDT),
Indian Institute of Technology
Kanpur – 208 016, U.P.
India

- 19.1c Indian Bids will only be received at the location nominated above.
- 19.2 The inner and outer envelopes shall:
- (a) Be addressed to the IITK at the address indicated in 19.1 above.
- (b) bear the IITK Bidding Reference Number and Title indicated in the cover note to these Bidding Documents, and a statement: “**DO NOT OPEN BEFORE**”, to be completed with the deadline for the receipt of Bids pursuant to ITB Article 20.
- 19.3 All inner and outer envelopes shall also indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared “late” or the Bid is validly withdrawn by the Bidder.
- 19.4 If the outer envelope is not sealed and marked as required by ITB Article 19.2, the IITK will assume no responsibility for the misplacement or premature opening of the Bid.
- #### 20. DEADLINE FOR THE RECEIPT OF BIDS
- 20.1 Bids must be received by the IITK at the address and no later than the time and date specified in the cover note to the Bidding Documents.
- 20.2 The IITK may, at its discretion, extend the deadline for the receipt of Bids by amending the Bidding Documents in accordance with ITB Article 9, in which case all rights and obligations of the IITK and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
- #### 21. LATE BIDS
- 21.1 Any Bid received by the IITK after the deadline for receipt of Bids prescribed by the IITK pursuant to ITB Article 20 will be rejected and returned unopened to the Bidder.
- #### 22. WITHDRAWAL, MODIFICATION AND SUBSTITUTION OF BIDS
- 22.1 The Bidder may withdraw, modify or substitute its Bid after the Bid’s submission, provided that written notice of the withdrawal, modification or substitution is received by the IITK prior to the deadline prescribed for the receipt of Bids.

- 22.2 The Bidder's withdrawal, modification or substitution notice shall be prepared, sealed, marked, and delivered in accordance with the provisions of ITB Article 19, with the outer and inner envelopes additionally marked "**WITHDRAWAL**", "**MODIFICATION**" or "**SUBSTITUTION**," as appropriate.
- 22.3 No Bid may be substituted or modified after the deadline for receipt of Bids.
- 22.4 No Bid may be withdrawn in the interval between the deadline for receipt of Bids and the expiration of the period of Bid validity specified in the cover note of these Bidding documents, or as extended pursuant to ITB Article 20.2. Withdrawal of a Bid during this interval may result in the Bidder's forfeiture of its Bid Security, pursuant to ITB Article 17.7 (b).
- 23. OPENING OF BIDS**
- 23.1 In general, the IITK Bid Opening Board will open all Bids in the presence of the Bidders choosing to present themselves at Bid Opening. IITK will open all Bids, including modifications and substitutions pursuant to ITB Article 22, in the presence of Bidders' representatives who choose to attend, at the time, on the date, and at the place specified in Section II, Bidding Data Sheet. Any specific opening procedures required if submission of Bids by email and/or by facsimile is permitted in accordance with ITB Article 19.1 shall be as specified in Section II, Bidding Data Sheet. The Bidders' representatives who are present shall sign a register evidencing their attendance.
- 23.2 First, envelopes marked "**WITHDRAWAL**" shall be opened and read out. Bids for which an acceptable notice of withdrawal has been submitted pursuant to ITB Article 22.1 shall not be opened and shall be returned unopened. Next, envelopes marked "**SUBSTITUTION**" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. Envelopes marked "**MODIFICATION**" shall be opened and read out with the corresponding Bid. Only envelopes that are opened and read out at Bid opening shall be considered further.
- 23.3 All other envelopes shall be opened one at a time, reading out: The Bidders' names, Bid prices, (in the case of Price Bid opening) discounts, and the presence or absence of requisite Bid Security and such other details as the IITK, at its discretion, may consider appropriate, will be announced at the Bid Opening. No Bid shall be rejected at the Bid Opening, except for late Bids, which shall be returned unopened to the Bidder pursuant to ITB Article 21.
- 23.4 The Bids (including modifications and substitutions sent pursuant to ITB Article 19.2) that are not opened and read out at Bid Opening shall not be considered further for evaluation, irrespective of the circumstances.
- 24. CONFIDENTIALITY**
- 24.1 If any Bidder wishes to contact the IITK on any matter related to its Bid, it should do so in writing.
- 24.2 Any effort by a Bidder to influence the IITK in its decisions on Bid evaluation, Bid comparison, or Contract Award may result in the rejection of the Bidder's Bid.
- 25. CLARIFICATION OF BIDS**
- 25.1 During evaluation of the Bids, the IITK may ask any Bidder for a clarification of its Bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the Bid shall be sought, offered, or permitted. Failure by any Bidder to timely and duly respond to a request for clarification may result in the rejection of its Bid.
- 26. PRELIMINARY EXAMINATION**
- 26.1 The IITK will examine the Bids to determine whether they are complete, whether any computational or arithmetical errors have been made, whether a Bid Security, if required, has been furnished, whether the documents have been properly signed, and whether the Bids are generally in order.
- 26.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected unless in the opinion of the IITK there is an obviously gross misplacement of the decimal point in the unit price, in which case the line item total as quoted will govern, and the unit rate will be corrected. 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. If there is a discrepancy between words and figures, the amount in words will prevail. The amount stated in the Bid will be adjusted by the IITK in accordance with the above procedure for the correction of errors and, with the concurrence of the Bidder, shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, the Bid will be rejected, and the Bid Security may be forfeited in accordance with ITB Article 17.7.
- 26.3 The IITK may waive any minor informality, nonconformity, or irregularity in a Bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

- 26.4 Prior to the detailed evaluation, the IITK will determine the substantial responsiveness of each Bid to the Bidding Documents. For purposes of these articles, a substantially responsive Bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. Deviations from, or objections or reservations to critical provisions, such as those concerning Bid Security, will be deemed to be a material deviation.
- 26.5 If a Bid is not substantially responsive, it will be rejected by the IITK and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
- 27. CURRENCY FOR BID EVALUATION**
- 27.1 Unless otherwise specified in accordance with ITB Article 13.1, Bids shall be evaluated as quoted in the currency of the F\$. In the event, (i) the IITK has permitted Bids in currencies other than the INR, and (ii) valid Bids have been received containing several currency options, the exchange rate to be applied by the IITK shall be the rate of exchange it follows on the date of opening of the Price Bids.
- 28. EVALUATION AND COMPARISON OF BIDS**
- 28.1 The IITK will first evaluate and compare Technical Bids, which have been determined to be substantially responsive, pursuant to ITB Article 26.
- 28.2 The IITK will then compare the quoted Bid prices of the technically compliant bids.
- 28.3 The IITK's evaluation of a Bid may take into account, in addition to the Bid price, other factors as specified in Section II, Bidding Data Sheet.
- 28.4 The lowest or any tender will not necessarily be accepted.
- 28.5 The IITK reserves the right to conduct post tender negotiations with one or more selected Bidders regarding any aspect of the contract. **Bidders may be obliged to establish reasonableness of their quote notwithstanding that their quote is the most competitive of all the bids received. This may require bidders sharing with the IITK evaluation committee copy (ies) of invoices raised on other customers, comparable to IITK in size and scope of purchase, for the goods / services under consideration in this tender.**
- 28.6 Bidders will be responsible for all costs associated with the attendance of their company officers as may be required during the tender assessment phase for the purpose of discussion or negotiations with the IITK.
- 29. AWARD CRITERIA**
- 29.1 Subject to ITB Articles 34 and 35, the IITK will award the Contract to the successful Bidder whose Bid has been determined to be substantially responsive and has been determined to be the lowest evaluated Bid, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
- 30. IITK'S RIGHT TO VARY QUANTITIES AT TIME OF AWARD**
- 30.1 The IITK reserves the right at the time of award to increase or decrease the quantity of Goods originally specified in the Bidding Documents without any change in unit price or other terms and conditions.
- 31. IITK'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS**
- 31.1 The IITK reserves the right to accept or reject any Bid, and to annul, in whole or in part, or to suspend the Bidding process and reject all Bids at any time and without reason prior to award, without thereby incurring any liability to the affected Bidder or Bidders.
- 32. NOTIFICATION OF AWARD**
- 32.1 Prior to the expiration of the period of Bid Validity, the IITK will notify the successful Bidder in writing, e.g. by facsimile or registered letter, that its Bid has been accepted.
- 33. LETTER OF INTENT**
- 33.1 At the same time as or after the IITK notifies the successful Bidder that its Bid has been accepted, the IITK will send the successful Bidder two original signed and stamped sets of the Letter of Intent (LOI).
- 33.2 Upon receipt by the IITK of one original set of signed and stamped LOI and the furnishing of a Performance Security (if one is required), in form and content acceptable to the IITK in accordance with ITB Article 34.1, the IITK shall notify the unsuccessful Bidders, and shall promptly discharge the Bid Securities, if any, of the winning Bidder and the unsuccessful Bidders, in accordance with ITB Article 17.
- 34. PERFORMANCE SECURITY**
- 34.1 Within seven (7) calendar days of the date of notification of award by the IITK, the successful Bidder shall furnish a Performance Security in an amount, form and format as provided for in the Section II, Bidding Data Sheet.
- 34.2 Failure of the successful Bidder to comply with the requirement of ITB Article 34.1 and ITB Article 33.2 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security, in which event the IITK may make the award to the next lowest evaluated Bidder or call for new Bids.
- 35. PURCHASE ORDER**
- 35.1 IITK will follow its LOI with a firm Purchase Order on receipt of the required Performance Security.

Section II - BIDDING DATA SHEET

Note to Bidders: This Bidding Data Sheet should be read in conjunction with Section I “Instructions to Bidders”.

Instructions to Bidders		Amendment / Modification of Relevant Article in the Instructions to Bidders
ITB Article	Description	
5.3	Pre-Bid Meeting/ On-Site Visit	An on-site visit <i>will</i> be held before tender submission, date will be decided with interested bidders through contact details given in tender document.
7.1	Governing Language	The language of the Bid and all correspondence and documents exchanged between the Bidder and the IITK shall be <i>English</i> .
10.1	Other Documents Comprising the Bid	In addition to the mandatory documents comprising the Bids as stated in ITB Article 10.1, the following additional mandatory documents are required: <ul style="list-style-type: none"> I. Manufacturer’s Authorization Form (Section III-D). II. Drawings of work offer (with proper cabling plan) after physical verification on site III. Past supplier’s details as per section III-E IV. Letter from past customer detailed in section III-E as per format given in section III-F V. Brochures of offered products from the manufacturer. VI. Audited financial statement of latest three years. VII. Bid Security.
11.1	Alternative Bids	Alternative Bids from same supplier will not be considered.
13.1	Bid Currency	The Bid currency is INR.
16.1	Bid Validity Period	The Bid validity period is ninety (90) calendar days.
17.1	Bid Security	The Bid Security is required: Yes Amount of Bid Security : 1,00,000/- (One Lakh Rupees Only) Note- Bid security is furnished in the form of Demand draft from a commercial bank in favour of (Registrar) Indian Institute of Technology, Kanpur.
18.1	Number of Copies of Bid	The number of copies of the Bid is: One
19.1	Submission of Bids by Email and/or Facsimile	Bidders may submit their Bids by e-mail and facsimile: No
23.1	Bid Opening	Bids will be opened in the presence of bidders who choose to present themselves at bid opening: Yes
28.3	Criteria for Bid Evaluation	Criteria for Bid evaluation: <ul style="list-style-type: none"> I. Lowest evaluated Bid price from amongst substantially responsive and technically compliant bids. II. Price Bid forms will be opened for technically qualified bids only.
34.1	Performance Security	The Performance Security is required: YES Amount of Performance Security: 1,50,000/- (One Lakh Fifty Thousand Rupees Only) Note- Bid security is furnished in the form of Demand draft from a commercial bank in favour of Indian Institute of Technology, Kanpur.

SECTION III – B QUALIFICATION INFORMATION FORM

General Information

1. Name of Bidder and Registration Number (if already registered with IITK as a vendor):			
2. Street Address:	Postal Code:	City:	Country:
3. P.O. Box and Mailing Address:			
4. Telephone Number:			
5. Fax Number:			
6. E-mail Address:			
7. www Domain:			
8a. Contact Name:			
8b. Contact Title:			
9. Parent Company, if any (full legal name):			
10. Principal subsidiaries, associates, and/or representative(s), if any and relevant to the Services:			
11. Corporate Seal:			
12. Type of Business:			
13. Year Established:			
14. Number of Staff Employed:			

Financial Information

15. For the last three financial years of the Bidder:			
Year	Net Worth (INR; end of period)	Revenues (INR)	Net Profit (INR)

Experience

16. Contracts of similar scale/volume during the last three years:				
Customer Name and Contact Details	Value (INR)	Year	Goods Provided	Country

Signature of bidder

Section III C-

TECHNICAL SPECIFICATIONS AND SCHEDULE OF REQUIREMENTS for the Supply, Delivery and Installation of Electronics & A/V system (for lobby, Seminar hall, Conference rooms, Meeting rooms etc.) for NCFLEXE Building at IIT Kanpur.

#	Technical Specifications/Description	Qty.	Compliance Remarks (to be filled in by Bidders) <i>The Bidders are required to specify make/model and put item-by-item commentary on the Technical Specifications demonstrating substantial responsiveness of the Goods to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.</i>
1.	Projector Screen 240" 16:10 or above motorized projection screen with RF remote (Item with better size & features will be preferred as on the given total estimated cost for the tender)	01	
2.	Full HD Projector <ul style="list-style-type: none"> • 6000 lumens or better • WXGA or Better • Resolution 1280*800 (native resolution) or better • 2*HDMI(1.4a 3D support)+MHL or better • 1*USB • Display port • VGA In/Out • S-Video • Audio In/Out 3.5mm or better • Mic In, • USB power, • Security Bar • Wifi/wireless (Inbuilt) • Ceiling mount kit for projector • HDMI plate (In addition, please quote any higher resolution with similar other specs.)	01	
3.	Loudspeakers <ul style="list-style-type: none"> • 4.25" small design 2 way for seminar hall cabinet loudspeaker system, 80hm/70 watts, wall brackets with safety chain included or better. 	04	
4.	Amplifier <ul style="list-style-type: none"> • Channels: two channel power Amplifier with 550W @ 2ohm, four channel with 350W @ 4ohm, eight channel with 215W @ 8ohm per channel • Sensitivity: 1.4Vrms 	01	

	<ul style="list-style-type: none"> • With other related specifications help in excellent performance and compatibility with requirement or better 		
5.	<p>Wireless Hand Microphone set</p> <ul style="list-style-type: none"> • Excellent live sound featuring • True diversity receiver with metal housing • Automatic frequency management and synchronization via • remote channel for easy setup • Fully tunable over a wide range of UHF frequencies • Rack mount kit included • Up to 12 compatible channels 	02	
6.	<p>Wireless LAVALIER mic. Set</p> <ul style="list-style-type: none"> • Unobtrusive clip-on microphone for hands-free operation and compact body pack transmitter • True diversity receiver with metal housing • External antennas • Automatic frequency management and synchronization via remote channel for easy setup • Fully tunable over a wide range of UHF frequencies • Rack mount kit included • Up to 12 compatible channels 	02	
7.	<p>6 Port Audio Mixer</p> <ul style="list-style-type: none"> • Frame sizes 6+2, 8+2 and 12+2 • 2 configurable auxiliary buses • XLR-type and 1/4" metal jack connector sockets • RCA phone stereo playback inputs and record outputs • 3-band EQ with a swept mid-on mono inputs • 2-band EQ on stereo inputs • TRS insert sockets and inserts on all mono inputs and mix output • Ten-segment LED output metering • Intuitive and comprehensive solo system • Headphone output • Easily rack mountable <p>Bidder may quote better option for given specification</p>	01	
8.	<p>Gooseneck Microphone with on off base</p> <ul style="list-style-type: none"> • Gooseneck with integrated 	01	

	<p>microphone capsule</p> <ul style="list-style-type: none"> • RF shielding against intermodulation from wireless devices • Streamlined design for seamless integration • Integrated light ring • Solid Microphone Stand • Timeless design • Bi-colored light ring for clear visual feedback • Logical function for easy control of e.g. cameras • Microphone modes Toggle on/off Push to mute Push to talk permanent on (external LED control) 		
9.	<p>Presenter</p> <ul style="list-style-type: none"> • Green laser pointer • Laser Class: Class 3 Laser • Lcd display • Up to 100-foot (30-meter) range • Plug-and-play wireless receiver • A wireless presenter • Green laser and intuitive slideshow controls • Powerful and easy to see-even on LCD, plasma displays and in brightly lit rooms • Max Output: Less than 1mW • Wave Length: 522~542 nm (green light) • Battery type: 2 AAA batteries • Battery life (Presenter): 1050-hour maximum • Wireless operating distance: Approx 30m1 • Wireless technology: 2.4 GHz wireless technology • Supported OS: Windows Vista, Windows 7, Windows 8, 10 • Interface: USB • 3 year limited hardware warranty 	01	
10.	<p>9U 19" AV Equipment Rack (or better option if available)</p> <ul style="list-style-type: none"> • Complies with standards • Approximate or above 132 lb (60 kg) 	01	

	<p>weight capacity</p> <ul style="list-style-type: none"> • Reversible door • Vented top for air flow • Mount for 120mm fans • Adjustable mounting depth from 2.5" (63.5mm) to 17" (432mm) deep or better as per requirement. • Removable side panels with lock • Glass door with lock 		
11.	<p>Video Conferencing System with Multi Party Key & three years support (The proposed system must support PAL/equivalent with PTZ camera. The codec must be based on ITU standards & hardware based. No software based solution will be accepted. All components of the VC system like Codec, Camera and Microphones should be from the same OEM.)</p> <p>I. Package Full HD 1080p camera, Full HD 1080p Codec, Microphone, Cables, and Wireless Remote Control</p> <p>II. Protocols H.323 and SIP Compliant H.261, H.263, H.264. The system should support higher Video Compression protocols such as H.264 High Profile/H.265 H.239, BFCP H.263 & H.264 Video error concealment G.711, G.722, G.722.1 audio protocols H.281 far end camera control</p> <p>III. Video Inputs It should have 1 x Full HD Camera Interface. It should have another inbuilt 2 x HDMI/DVI/VGA port for PC, Document Camera etc.</p> <p>IV. Video Outputs It should have at least 2 x HDMI/DVI ports to connect displays.</p> <p>V. Main Video Resolutions Shall work in high definition video resolution of 1080p60fps for live video for both Transmit and receive</p> <p>VI. Content Resolutions The system should support 1080p30fps content along with 1080p30fps Main Video</p> <p>VII. Camera Full HD 1080p 60 fps</p>	01	

<p>1280 x 1080p CCD/CMOS imager Zoom - 12x or more Field of View - 250 Degrees or Higher Horizontal FOV Camera should be supplied with cable of min. 3 mts. It should be capable of enhancing video conferencing experience with advanced speaker-tracking technology such that it automatically scans the room and seamlessly commands the main camera to appropriately frame the speaker during a call without any manual intervention. The automatic speaker tracking camera should be from the same video conferencing OEM.</p> <p>VIII. Audio Inputs It should support 3 nos of Omni Directional Microphones either directly or through array. One Mic should be supplied day one. It should have additional Audio Input for PC Audio</p> <p>IX. Audio Outputs It should have atleast 1 x HDMI port It should have atleast 1 x 3.5mm/RCA Stereo Line-Out port</p> <p>X. Network Should have 100/1000 Mbps auto speed Ethernet port Support Data Rate of 6 Mbps or more on IP (H.323 and SIP)</p> <p>XI. Multipoint The system should have capability to connect to 5 more locations all with Full HD 1080p resolution (1+5) using the inbuilt capability by adding an additional license in future.</p> <p>XII. Other Ports Serial/Ethernet control port for integrating with external control system</p> <p>XIII. Other Features Should work with IPv4 and IPv6 addressing schemes Should support QOS (Quality of Service) definitions Should support H.460.X Firewall traversal protocol Global Directory / Centralized directory support</p> <p>XIV. Power Should operate on 230v, 50 Hz Power supply</p>		
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	<p>XV. Security Ability to disable HTTP, SSH services H.235 (AES) encryption support including strict compliance TLS/SRTP support Kensington Security Slot INTELLIGENT NETWORKING FEATURES Adaptive motion control (AMC) including forward error correction (FEC) for superior video quality in all network conditions NAT/firewall traversal (H.460/SIP) Auto bandwidth detection</p> <p><u>System Should be quoted with all standard features available (As per compatibility with all devices and spares connected at the time of installation)</u></p> <p><u>System must have content sharing (presentation/document/etc.) features with all standard functions.</u></p> <p><u>System must be quoted with the 1+5 or above (as per requirement) multi party license.</u></p>		
12.	<p>Pop up box/Cable Cubby</p> <ul style="list-style-type: none"> • It must have Hydraulic with HDMI, AUDIO, LAN & POWER port • Ports Available : 2 x Power, 2 x LAN (data voice), 1 x HDMI, 1 x VGA, 1 X Audio 3.5, 1 x USB, or better • Size of Panel: 265 x 117 x 2mm or better as per requirement. • Out of Box Size: 222 x 108 x 67mm or better as per requirement. • Features: <ul style="list-style-type: none"> • Low profile design with til up lid • Architecturally streamlined and economical connectivity solution • Flush mountable into a table or flat surface • Offers convenient access to cable connections • Does not allow seepage of water 	07	
13.	<p>Mini PC (Use for Wall mounting with room display)</p> <ul style="list-style-type: none"> • Processor = Intel Core i3-6100 (3.7 Ghz or better), 6th Gen • RAM = 4GB (DDR3L) 	08	

	<ul style="list-style-type: none"> • OS= Windows 10 license • HDD = 1TB (HDD) • DVD+/-RW • Wireless Keyboard/Mouse • HDMI port – 1 • USB port – 3(3.0) • 3 Years On Site warranty • Without Monitor 		
14.	<p>65 inch full HD LED Display</p> <p>Screen Size 65 (165 cm) diagonal</p> <p>Aspect Ratio 16 : 9</p> <p>Brightness 400cd/m2</p> <p>Panel Technology IPS</p> <p>Native Resolution 1920 x 1080 (FHD)</p> <p>Response Time 12ms(G to G BW)</p> <p>Viewing Angle (HxV) 178 x 178</p> <p>Dynamic CR 500,000 : 1</p> <p>Contrast Ratio 1,300:1</p> <p>Digital (With HDCP2.2) HDMI2.0(1)</p> <p>Digital (With HDCP2.2) HDMI Yes(1)</p> <p>DVI-D Yes(1)</p> <p>Analog(RGB) Yes(1)</p> <p>Audio In RGB/DVI(1)</p> <p>USB Yes(2)</p> <p>External Control(RS232 C IN) Yes(1)</p> <p>RJ45 Yes(1)</p> <p>HDTV Formats HDMI : 720p, 1080i, 1080p</p> <p>IR Receiver Yes(1)</p> <p>Audio Out Yes</p> <p>External Speaker Out Yes(L/R)</p> <p>External Control Yes(1)</p> <p>Balance Yes</p> <p>Audio Power 20W(10W x 2) for External Speaker</p> <p>Speaker On/off Yes</p> <p>Sound mode Standard, News, Music, Cinema, Sport, Game</p> <p>Clear Voice II Yes</p> <p>Virtual Surround Plus Yes</p>	04	

	Equalizer Yes Tile Mode Yes(Up to 15 x 15) Contents scheduling USB Energy Saving Yes (Minimum, Medium, Maximum, Screen off) Wi-Fi Dongle ready File Play with USB Yes Installation Wall mount format Warranty 3 Years		
15.	55 inch Full HD LED Display Screen Size 55 (139.7 cm) diagonal Aspect Ratio 16 : 9 Brightness 400cd/m2 Panel Technology IPS Native Resolution 1920 x 1080 (FHD) Response Time 12ms(G to G BW) Viewing Angle (HxV) 178 x 178 Dynamic CR 500,000 : 1 Contrast Ratio 1,300:1 Digital (With HDCP2.2) HDMI2.0(1) Digital (With HDCP2.2) Yes(1) HDMI DVI-D Yes(1) Analog(RGB) Yes(1) Audio In RGB/DVI(1) USB Yes(2) External Control(RS232 C IN) Yes(1) RJ45 Yes(1) HDTV Formats HDMI : 720p, 1080i, 1080p IR Receiver Yes(1) Audio Out Yes External Speaker Out Yes(L/R) External Control Yes(1) Balance Yes Audio Power 20W(10W x 2) for External Speaker Speaker On/off Yes Sound mode Standard, News,	04	

	<p>Music, Cinema, Sport, Game</p> <p>Clear Voice II Yes</p> <p>Virtual Surround Plus Yes</p> <p>Equalizer Yes</p> <p>Tile Mode Yes(Up to 15 x 15)</p> <p>Contents scheduling USB</p> <p>Energy Saving Yes (Minimum, Medium, Maximum, Screen off)</p> <p>Wi-Fi Dongle ready</p> <p>File Play with USB Yes</p> <p>Installation Wall mount format</p> <p>Warranty 3 Years</p>		
16.	<p>USB Fixed Camera (compatible with quoted 65" & 55" displays)</p> <ul style="list-style-type: none"> • Up to 1080p video calling at 30 frames per second (up to 1920 x 1080 pixels) • 720p with supported clients • Integrated privacy shade • H.264 video compression • Autofocus • Built-in dual stereo mics with automatic noise reduction • Automatic low-light correction • Hi-Speed USB 2.0 certified (USB 3.0 ready) • Tripod-ready universal clip fits laptops, LCD, or CRT monitors <p>Compatibility</p> <ul style="list-style-type: none"> • Windows® 7, Windows 8, or Windows 10, Mac OS X 10.7 or higher • SUSE Linux® 11 SP2 (for Cisco® VXC6215) (Webcam works as a standard plug-and-play device) <p>Application Compatibility</p> <ul style="list-style-type: none"> • Windows® 7, Windows® 8, Windows® 10 Mac OS X 10.7 or higher <p>Compliances</p> <ul style="list-style-type: none"> • FCC, CE, UL, TUV-T, RoHS, WEEE <p>Certifications</p> <ul style="list-style-type: none"> • Optimized for Microsoft® Lync® • Certified for Skype for Business • Skype™ Certified Cisco Jabber® and WebEx® compatible. 	06	

17.	<p>IP based speaker phone For web conference & meeting, it has all standard features use for web conference, telephonic interviews etc. It should be compatible and easy to use.</p>	03	
18.	<p>Table Top Conference Meeting Microphone with Omni-Directional Stereo 3.5mm Plug</p> <ul style="list-style-type: none"> • It should be flat in design • It should be easy to connect with laptop & computers (USB port for connectivity) • It must has the two inbuilt USB sockets to connect multiple mic. together for big conference table. • It must have the good sound quality and 360degree angle sound receiving features. 	10	
19.	<p>Design Loud Speaker Set 5," 2 X 30 Watts with Rc, (Set of 2pcs)</p> <ul style="list-style-type: none"> • Loudspeaker system 2 way woofer cone material polypropylene mounting system U-bracket low impedance dynamic power in watts 2*30 max or better • It should be quoted with wall mounted accessories • Proper cabling plan should be submitted. 	01	
20.	<p>25" inch Full HD LED Display</p> <p>Screen Size 25 diagonal Aspect Ratio 16 : 9 Brightness 400cd/m2 Panel Technology IPS Native Resolution 1920 x 1080 (FHD) Response Time 12ms(G to G BW) Viewing Angle (HxV) 178 x 178 Dynamic CR 500,000 : 1 Contrast Ratio 1,300:1 Digital (With HDCP2.2) HDMI2.0(1) Digital (With HDCP2.2) Yes(1) HDMI DVI-D Yes(1) Analog(RGB) Yes(1) Audio In RGB/DVI(1) USB Yes(2) External Yes(1)</p>	03	

	Control(RS232 C IN) RJ45 Yes(1) HDTV Formats HDMI : 720p, 1080i, 1080p IR Receiver Yes(1) Audio Out Yes External Speaker Out Yes(L/R) External Control Yes(1) Balance Yes Audio Power 20W(10W x 2) for External Speaker Speaker On/off Yes Sound mode Standard, News, Music, Cinema, Sport, Game Clear Voice II Yes Virtual Surround Plus Yes Equalizer Yes Tile Mode Yes(Up to 15 x 15) Contents scheduling USB Energy Saving Yes (Minimum, Medium, Maximum, Screen off) Wi-Fi Dongle ready File Play with USB Yes Installation Wall mount format Warranty 3 Years		
	<i>OPTIONAL ITEMS (Mandatory to quote with tender)</i>		
1.	Digital signage screen <ul style="list-style-type: none"> Screen size should be approx. 65 to 80 inch It should be quoted for OLED & LCD screens both separately. Maximum warranty & discount should be applicable Compatibility with all standard features help and use to display content through wired or wireless mode. 	01	
2.	Full HD Ultra short throw projector <ul style="list-style-type: none"> It must have 3000 Hr. lamp life or better. Compatibility with all standard features help and use to display content through wired or wireless mode. Maximum warranty & discount should 	01	

	be applicable		
3.	Digital Ultra Stretch Signage <ul style="list-style-type: none"> • Screen size should be approx. 65 to 80 inch • It should be quoted for OLED & LCD screens both separately. • Maximum warranty & discount should be applicable. • Compatibility with all standard features help and use to display content through wired or wireless mode. 	01	
4.	100” inch Full HD LED Display (With all latest configuration and features required for display and presentation)	01	
5.	Microsoft Surface Pro 4 (Core i5 - 6th Gen/4GB/128GB/Windows 10 Pro/Integrated Graphics/31.242 Centimeter Full HD Display),	01	

Sr. No.	Mandatory information / Terms to Bid	Description	Compliance Remarks (to be filled in by Bidders)
1.	Warranty terms	Warranty/Guarantee should be clearly mentioned. The Warranty must start from the date of successful commissioning at IITK.	
2.	Number of Years of Warranty Required	Maximum warranty period should be preferred.	
3.	Maximum response time for service/repair	Online/Offline service to lock complaints & to get help must be available and repairing/resolving of complaint should be done within 24 hours.	
4.	Delivery schedule	Clearly mention the period of delivery in the tender document.	
5.	Training requirement	Installation, demonstration, and training-sessions at IIT Kanpur will have to be provided by the manufacturer or the vendor for the quoted system free of cost.	
6.	Payment Terms	Payment terms 90% after successful supply, installation, testing & commissioning and balance 10% 3 months after successful commissioning (bidder must confirm the acceptance on payment terms).	
7.	Penalty Terms	The penalty @1% per week or part thereof subject to max 10% of the delivery price will be deducted from the balance payment, if supply, installation, testing, commissioning is not completed within permitted period.	

Signature of Bidder: _____

SECTION III –D MANUFACTURER’S AUTHORIZATION FORM

Note to Bidders: *If the Bidder is not the Manufacturer of the goods offered, 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 original letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.*

To: *The IITK*

WHEREAS *[name of the Manufacturer]* who are established and reputable manufacturers of *[name and/or description of the Goods]* having factories at *[address of factory]*.

do hereby authorize *[name and address of the Bidder]* to submit a Bid, and subsequently negotiate and sign the Contract with you against the Invitation to Bid No (Tender No.) for the above Goods manufactured by us.

We hereby extend our full guarantee and warranty for the Goods offered by the above Bidder against this Invitation to Bid.

[Signature for and on behalf of Manufacturer]

(TENDER NO.)

SECTION IV - PRICE BID FORM

(NOTE TO BIDDERS: TO BE SUBMITTED IN A SEPARATE SEALED ENVELOPE CLEARLY MARKED 'PRICE BID'. PLEASE REFER TO ARTICLE 12 OF SECTION I OF THIS ITB FOR MORE DETAILS)

#	Item	Unit Price, (INR) <i>Place of Delivery (IIT KANPUR)</i>	Quantity	Total Price, (INR) <i>Place of Delivery (IIT KANPUR)</i>
A.	B.	C.	D.	E = C x D
1.	Projector Screen 240" 16:10 or above motorized projection screen with Rf remote (Item with better size & features will be preferred as on the given total estimated cost for the tender)		01	
2.	Full HD Projector <ul style="list-style-type: none"> • 6000 lumens or better • WXGA or Better • Resolution 1280*800 (native resolution) or better • 2*HDMI(1.4a 3D support)+MHL or better • 1*USB • Display port • VGA In/Out • S-Video • Audio In/Out 3.5mm or better • Mic In, • USB power, • Security Bar • Wifi/wireless (Inbuilt) • Ceiling mount kit for projector • HDMI plate (In addition, please quote any higher resolution with similar other specs.)		01	
3.	Loudspeakers <ul style="list-style-type: none"> • 4.25" small design 2 way for seminar hall cabinet loudspeaker system, 80hm/70 watts, wall brackets with safety chain included or better. 		04	
4	Amplifier <ul style="list-style-type: none"> • Channels: two channel power Amplifier with 550W @ 2ohm, four channel with 350W @ 4ohm, eight channel with 215W @ 8ohm per channel • Sensitivity: 1.4Vrms • With other related specifications help in excellent performance and compatibility with requirement or better 		01	
5.	Wireless Hand Microphone set <ul style="list-style-type: none"> • Excellent live sound featuring • True diversity receiver with metal housing • Automatic frequency management and 		02	

	<p>synchronization via</p> <ul style="list-style-type: none"> • remote channel for easy setup • Fully tunable over a wide range of UHF frequencies • Rack mount kit included • Up to 12 compatible channels 			
6.	<p>Wireless LAVALIER mic. Set</p> <ul style="list-style-type: none"> • Unobtrusive clip-on microphone for hands-free operation and compact body pack transmitter • True diversity receiver with metal housing • External antennas • Automatic frequency management and synchronization via remote channel for easy setup • Fully tunable over a wide range of UHF frequencies • Rack mount kit included • Up to 12 compatible channels 		02	
7.	<p>6 Port Audio Mixer</p> <ul style="list-style-type: none"> • Frame sizes 6+2, 8+2 and 12+2 • 2 configurable auxiliary buses • XLR-type and 1/4" metal jack connector sockets • RCA phone stereo playback inputs and record outputs • 3-band EQ with a swept mid-on mono inputs • 2-band EQ on stereo inputs • TRS insert sockets and inserts on all mono inputs and mix output • Ten-segment LED output metering • Intuitive and comprehensive solo system • Headphone output • Easily rack mountable <p>Bidder may quote better option for given specification</p>		01	
8.	<p>Gooseneck Microphone with on off base</p> <ul style="list-style-type: none"> • Gooseneck with integrated microphone capsule • RF shielding against intermodulation from wireless devices • Streamlined design for seamless integration • Integrated light ring • Solid Microphone Stand • Timeless design • Bi-colored light ring for clear visual feedback • Logical function for easy control of e.g. cameras 		01	

	<ul style="list-style-type: none"> • Microphone modes Toggle on/off Push to mute Push to talk permanent on (external LED control) 			
9.	<p>Presenter</p> <ul style="list-style-type: none"> • Green laser pointer • Laser Class: Class 3 Laser • Lcd display • Up to 100-foot (30-meter) range • Plug-and-play wireless receiver • A wireless presenter • Green laser and intuitive slideshow controls • Powerful and easy to see-even on LCD, plasma displays and in brightly lit rooms • Max Output: Less than 1mW • Wave Length: 522~542 nm (green light) • Battery type: 2 AAA batteries • Battery life (Presenter): 1050-hour maximum • Wireless operating distance: Approx 30m1 • Wireless technology: 2.4 GHz wireless technology • Supported OS: Windows Vista, Windows 7, Windows 8, 10 • Interface: USB • 3 year limited hardware warranty 		01	
10.	<p>9U 19" AV Equipment Rack (or better option if available)</p> <ul style="list-style-type: none"> • Complies with standards • Approximate or above 132 lb (60 kg) weight capacity • Reversible door • Vented top for air flow • Mount for 120mm fans • Adjustable mounting depth from 2.5" (63.5mm) to 17" (432mm) deep or better as per requirement. • Removable side panels with lock • Glass door with lock 		01	
11.	<p>Video Conferencing System with Multi Party Key & three years support (The proposed system must support PAL/equivalent with PTZ camera. The codec</p>		01	

must be based on ITU standards & hardware based. No software based solution will be accepted. All components of the VC system like Codec, Camera and Microphones should be from the same OEM.)

XIV. Package

Full HD 1080p camera, Full HD 1080p Codec, Microphone, Cables, and Wireless Remote Control

XV. Protocols

H.323 and SIP Compliant
 H.261, H.263, H.264. The system should support higher Video Compression protocols such as H.264 High Profile/H.265
 H.239, BFCP
 H.263 & H.264 Video error concealment
 G.711, G.722, G.722.1 audio protocols
 H.281 far end camera control

XVI. Video Inputs

It should have 1 x Full HD Camera Interface.
 It should have another inbuilt 2 x HDMI/DVI/VGA port for PC, Document Camera etc.

XVII. Video Outputs

It should have at least 2 x HDMI/DVI ports to connect displays.

XVIII. Main Video Resolutions

Shall work in high definition video resolution of 1080p60fps for live video for both Transmit and receive

XIX. Content Resolutions

The system should support 1080p30fps content along with 1080p30fps Main Video

XX. Camera

Full HD 1080p 60 fps
 1280 x 1080p CCD/CMOS imager
 Zoom - 12x or more
 Field of View - 250 Degrees or Higher
 Horizontal FOV
 Camera should be supplied with cable of min. 3 mts.
 It should be capable of enhancing video conferencing experience with advanced speaker-tracking technology such that it automatically scans the room and seamlessly commands the main camera to appropriately frame the speaker during a call without any manual intervention. The automatic speaker tracking camera should be from the same video conferencing OEM.

<p>XXI. Audio Inputs It should support 3 nos of Omni Directional Microphones either directly or through array. One Mic should be supplied day one. It should have additional Audio Input for PC Audio</p> <p>XXII. Audio Outputs It should have atleast 1 x HDMI port It should have atleast 1 x 3.5mm/RCA Stereo Line-Out port</p> <p>XXIII. Network Should have 100/1000 Mbps auto speed Ethernet port Support Data Rate of 6 Mbps or more on IP (H.323 and SIP)</p> <p>XXIV. Multipoint The system should have capability to connect to 5 more locations all with Full HD 1080p resolution (1+5) using the inbuilt capability by adding an additional license in future.</p> <p>XXV. Other Ports Serial/Ethernet control port for integrating with external control system</p> <p>XXVI. Other Features Should work with IPv4 and IPv6 addressing schemes Should support QOS (Quality of Service) definitions Should support H.460.X Firewall traversal protocol Global Directory / Centralized directory support</p> <p>XIV. Power Should operate on 230v, 50 Hz Power supply</p> <p>XV. Security Ability to disable HTTP, SSH services H.235 (AES) encryption support including strict compliance TLS/SRTP support Kensington Security Slot INTELLIGENT NETWORKING FEATURES Adaptive motion control (AMC) including forward error correction (FEC) for superior video quality in all network conditions NAT/firewall traversal (H.460/SIP) Auto bandwidth detection</p> <p><u>System Should be quoted with all standard features available (As per compatibility with all devices and spares connected at the time of installation)</u></p>			
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	<p><u>System must have content sharing (presentation/document/etc.) features with all standard functions.</u></p> <p><u>System must be quoted with the 1+5 or above (as per requirement) multi party license.</u></p>		
12.	<p>Pop up box/Cable Cubby</p> <ul style="list-style-type: none"> • It must have Hydraulic with HDMI, AUDIO, LAN & POWER port • Ports Available : 2 x Power, 2 x LAN (data voice), 1 x HDMI, 1 x VGA, 1 X Audio 3.5, 1 x USB, or better • Size of Panel: 265 x 117 x 2mm or better as per requirement. • Out of Box Size: 222 x 108 x 67mm or better as per requirement. • Features: <ul style="list-style-type: none"> • Low profile design with til up lid • Architecturally streamlined and economical connectivity solution • Flush mountable into a table or flat surface • Offers convenient access to cable connections • Does not allow seepage of water 	07	
13.	<p>Mini PC (Use for Wall mounting with room display)</p> <ul style="list-style-type: none"> • Processor = Intel Core i3-6100 (3.7 Ghz or better), 6th Gen • RAM = 4GB (DDR3L) • OS= Windows 10 license • HDD = 1TB (HDD) • DVD+/-RW • Wireless Keyboard/Mouse • HDMI port – 1 • USB port – 3(3.0) • 3 Years On Site warranty • Without Monitor 	08	
14.	<p>65 inch full HD LED Display</p> <p>Screen Size 65 (165 cm) diagonal</p> <p>Aspect Ratio 16 : 9</p> <p>Brightness 400cd/m2</p> <p>Panel Technology IPS</p> <p>Native Resolution 1920 x 1080 (FHD)</p> <p>Response Time 12ms(G to G BW)</p>	04	

	Viewing Angle (HxV) 178 x 178 Dynamic CR 500,000 : 1 Contrast Ratio 1,300:1 Digital (With HDCP2.2) HDMI2.0(1) Digital (With HDCP2.2) HDMI Yes(1) DVI-D Yes(1) Analog(RGB) Yes(1) Audio In RGB/DVI(1) USB Yes(2) External Control(RS232 C IN) Yes(1) RJ45 Yes(1) HDTV Formats HDMI : 720p, 1080i, 1080p IR Receiver Yes(1) Audio Out Yes External Speaker Out Yes(L/R) External Control Balance Yes(1) Balance Yes Audio Power 20W(10W x 2) for External Speaker Speaker On/off Yes Sound mode Standard, News, Music, Cinema, Sport, Game Clear Voice II Yes Virtual Surround Plus Yes Equalizer Yes Tile Mode Yes(Up to 15 x 15) Contents scheduling USB Energy Saving Yes (Minimum, Medium, Maximum, Screen off) Wi-Fi Dongle ready File Play with USB Yes Installation Wall mount format Warranty 3 Years			
15.	55 inch Full HD LED Display Screen Size 55 (139.7 cm) diagonal Aspect Ratio 16 : 9		04	

Brightness	400cd/m2			
Panel Technology	IPS			
Native Resolution	1920 x 1080 (FHD)			
Response Time	12ms(G to G BW)			
Viewing Angle (HxV)	178 x 178			
Dynamic CR	500,000 : 1			
Contrast Ratio	1,300:1			
Digital (With HDCP2.2)	HDMI2.0(1)			
Digital (With HDCP2.2) HDMI	Yes(1)			
DVI-D	Yes(1)			
Analog(RGB)	Yes(1)			
Audio In	RGB/DVI(1)			
USB	Yes(2)			
External Control(RS232 C IN)	Yes(1)			
RJ45	Yes(1)			
HDTV Formats	HDMI : 720p, 1080i, 1080p			
IR Receiver	Yes(1)			
Audio Out	Yes			
External Speaker Out	Yes(L/R)			
External Control	Yes(1)			
Balance	Yes			
Audio Power	20W(10W x 2) for External Speaker			
Speaker On/off	Yes			
Sound mode	Standard, News, Music, Cinema, Sport, Game			
Clear Voice II	Yes			
Virtual Surround Plus	Yes			
Equalizer	Yes			
Tile Mode	Yes(Up to 15 x 15)			
Contents scheduling	USB			
Energy Saving	Yes (Minimum, Medium, Maximum, Screen off)			
Wi-Fi	Dongle ready			
File Play with USB	Yes			
Installation	Wall mount format			
Warranty	3 Years			

16.	<p>USB Fixed Camera (compatible with quoted 65" & 55" displays)</p> <ul style="list-style-type: none"> • Up to 1080p video calling at 30 frames per second (up to 1920 x 1080 pixels) • 720p with supported clients • Integrated privacy shade • H.264 video compression • Autofocus • Built-in dual stereo mics with automatic noise reduction • Automatic low-light correction • Hi-Speed USB 2.0 certified (USB 3.0 ready) • Tripod-ready universal clip fits laptops, LCD, or CRT monitors <p>Compatibility</p> <ul style="list-style-type: none"> • Windows® 7, Windows 8, or Windows 10, Mac OS X 10.7 or higher • SUSE Linux® 11 SP2 (for Cisco® VXC6215) (Webcam works as a standard plug-and-play device) <p>Application Compatibility</p> <ul style="list-style-type: none"> • Windows® 7, Windows® 8, Windows® 10 • Mac OS X 10.7 or higher <p>Compliances</p> <ul style="list-style-type: none"> • FCC, CE, UL, TUV-T, RoHS, WEEE Certifications • Optimized for Microsoft® Lync® • Certified for Skype for Business • Skype™ Certified Cisco Jabber® and WebEx® compatible. 		06	
17.	<p>IP based speaker phone</p> <p>For web conference & meeting, it has all standard features use for web conference, telephonic interviews etc.</p> <p>It should be compatible and easy to use.</p>		03	
18.	<p>Table Top Conference Meeting Microphone with Omni-Directional Stereo 3.5mm Plug</p> <ul style="list-style-type: none"> • It should be flat in design • It should be easy to connect with laptop & computers (USB port for connectivity) • It must has the two inbuilt USB sockets to connect multiple mic. together for big conference table. • It must have the good sound quality and 360degree angle sound receiving features. 		10.	
19.	<p>Design Loud Speaker Set 5," 2 X 30 Watts with Rc, (Set of 2pcs)</p> <ul style="list-style-type: none"> • Loudspeaker system 2 way woofer cone material polypropylene mounting system U-bracket low impedance dynamic power in watts 2*30 max or better • It should be quoted with wall mounted accessories • Proper cabling plan should be submitted. 		01	

20	<p>25" inch Full HD LED Display</p> <p>Screen Size 25 diagonal</p> <p>Aspect Ratio 16 : 9</p> <p>Brightness 400cd/m2</p> <p>Panel Technology IPS</p> <p>Native Resolution 1920 x 1080 (FHD)</p> <p>Response Time 12ms(G to G BW)</p> <p>Viewing Angle (HxV) 178 x 178</p> <p>Dynamic CR 500,000 : 1</p> <p>Contrast Ratio 1,300:1</p> <p>Digital (With HDCP2.2) HDMI2.0(1)</p> <p>Digital (With HDCP2.2) HDMI Yes(1)</p> <p>DVI-D Yes(1)</p> <p>Analog(RGB) Yes(1)</p> <p>Audio In RGB/DVI(1)</p> <p>USB Yes(2)</p> <p>External Control(RS232 C IN) Yes(1)</p> <p>RJ45 Yes(1)</p> <p>HDTV Formats HDMI : 720p, 1080i, 1080p</p> <p>IR Receiver Yes(1)</p> <p>Audio Out Yes</p> <p>External Speaker Out Yes(L/R)</p> <p>External Control Yes(1)</p> <p>Balance Yes</p> <p>Audio Power 20W(10W x 2) for External Speaker</p> <p>Speaker On/off Yes</p> <p>Sound mode Standard, News, Music, Cinema, Sport, Game</p> <p>Clear Voice II Yes</p> <p>Virtual Surround Plus Yes</p> <p>Equalizer Yes</p> <p>Tile Mode Yes(Up to 15 x 15)</p> <p>Contents scheduling USB</p> <p>Energy Saving Yes (Minimum, Medium, Maximum, Screen off)</p> <p>Wi-Fi Dongle ready</p> <p>File Play with Yes</p>	03	
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	USB Installation Wall mount format Warranty 3 Years			
	OPTIONAL ITEMS (Mandatory to quote with tender)			
1.	Digital signage screen <ul style="list-style-type: none"> • Screen size should be approx. 65 to 80 inch • It should be quoted for OLED & LCD screens both separately. • Maximum warranty & discount should be applicable • Compatibility with all standard features help and use to display content through wired or wireless mode. 		01	
2.	Full HD Ultra short throw projector <ul style="list-style-type: none"> • It must have 3000 Hr. lamp life or better. • Compatibility with all standard features help and use to display content through wired or wireless mode. • Maximum warranty & discount should be applicable 		01	
3.	Digital Ultra Stretch Signage <ul style="list-style-type: none"> • Screen size should be approx. 65 to 80 inch • It should be quoted for OLED & LCD screens both separately. • Maximum warranty & discount should be applicable. • Compatibility with all standard features help and use to display content through wired or wireless mode. 		01	
4.	100" inch Full HD LED Display (With all latest configuration and features required for display and presentation)		01	
5.	Microsoft Surface Pro 4 (Core i5 - 6th Gen/4GB/128GB/Windows 10 Pro/Integrated Graphics/31.242 Centimeter Full HD Display),		01	
TOTAL PRICE			(in	
figures)				
TOTAL PRICE (in words) _____				

Country of Origin of proposed Goods: _____

Details of GST included in the above price should be mentioned here. If different GST rate applies for different items, please specify separately here giving reference to the serial no. mentioned in column A of above table.

Signature of Bidder: _____

Section V – COMMERCIAL TERMS AND CONDITIONS**1. DEFINITIONS**

1. These Commercial Terms and Conditions shall constitute the General Conditions of Contract, where no separate contract is signed with the selected Bidder(s), and, the Bidders by putting their signature and stamp on each page of this Section V are binding themselves to these Terms and Conditions. In the Commercial Terms and Conditions as defined below, words and expressions shall have the following meanings assigned to them:
 - (a) “Contract” means the agreement of the Parties relating to the procurement of Goods and / or the IITK Purchase Order (PO), and all attachments incorporated by reference, which shall form an integral part of the Contract. In the event of any discrepancy, the documents to prevail shall be given precedence in the following order: (i) the Contract (where separately signed), (ii) the IITK Purchase Order, (iii) its attachments, and (iv) these Commercial Terms and Conditions;
 - (b) “Contractor” means the person or entity named in the ‘CONTRACTOR’ named field of the IITK Purchase Order and any agreed in writing by the IITK legal successor(s) in title;
 - (c) “Day” means any calendar day;
 - (d) "Delivery Date" means the latest possible date by which the Goods shall be delivered by the Contractor to the IITK, as specified in the ‘DELIVERY DATE’ named field of the IITK Purchase Order;
 - (e) “*Force Majeure*” shall mean any unforeseeable exceptional situation or event beyond the Parties’ control which prevents either of them from fulfilling any of their obligations under the Contract, was not attributable to error or negligence on their part (or of their partners, contractors, agents or employees), and could not have been avoided by the exercise of due diligence. Defects in equipment or material or delays in making them available, labour disputes, strikes or financial problems cannot be invoked as *Force Majeure* by the defaulting Party. Neither of the Parties shall be held liable for breach of its obligations under the Contract if it is prevented from fulfilling them by *Force Majeure*. The Party invoking *Force Majeure* shall notify the other without delay, stating the nature, likely duration and foreseeable effect, and take any measure to minimise possible damage;
 - (f) “Goods” means all of the goods to be supplied to the IITK by the Contractor under the Contract;
 - (g) “IITK” means the Indian Institute of Technology Kanpur;
 - (h) “IITK Purchase Order” means the IITK’s official Purchase Order document;
 - (i) “Party” means the IITK or the Contractor and “Parties” means the IITK and the Contractor; and
 - (j) “Place(s) of Delivery” means the location(s) or place(s) where the Goods are to be delivered, as specified in the ‘SHIP TO’ named field of the IITK Purchase Order.

2. CONCLUSION OF THE CONTRACT

- 2.1 The Contract is made between the IITK and the Contractor. The Contractor is engaged as an independent contractor for the sole purpose of delivering the Goods.
- 2.2 The Contract shall be concluded upon the Contractor duly following the countersigning procedure as stated in the IITK Letter of Intent (LOI).

3. FUNDING

This Contract shall become and remain effective only on the condition that an official Purchase Order is issued by IITK following the conclusion of tender exercise. In the event this is not or no longer shall the case, the IITK without unreasonable delay notify the Contractor thereof.

Signature of Bidder: _____

Any continuation of the Contractor's performance under this Contract after being notified by the IITK shall be at the Contractor's risk and expense.

4. DELIVERY AND TAKE-OVER OF GOODS

The Contractor shall deliver the Goods at the Place(s) of Delivery. On behalf of the IITK, a duly authorised representative(s), shall take-over the Goods upon delivery. Take-over of the Goods by the IITK shall not be deemed acceptance of the Goods by the IITK. The time of delivery as specified in the Contract / PO shall be strictly adhered to, and time shall be of the essence.

5. QUALITY OF GOODS

5.1 The Contractor shall deliver Goods that are:

- a) Of the quality, quantity and description as required by the Contract / PO; and
- b) Free from any right or claim of a third party, including rights based on industrial property or other intellectual property.

5.2 Should the Goods be of the type "homogeneously defined" or disposable, the Contractor shall provide a sample and undertake, certify, and guarantee that all Goods delivered shall be of the same quality and characteristics as the sample(s) provided.

6. INSPECTION AND ACCEPTANCE

6.1 The duly authorised representative(s) of the IITK shall have the right, before payment, to inspect the Goods either at the Contractor's stores, during manufacture, at the ports and/or in places of shipment, or at the Place(s) of Delivery. The Contractor shall provide all facilities for such inspection. The IITK may issue a written waiver of inspection. Any inspection carried out by representative(s) of the IITK or any waiver thereof shall be without prejudice to other provisions of the Contract concerning obligations assumed by the Contractor, including specifications of the Goods.

6.2 Upon delivery and inspection of the Goods, the IITK shall inspect the goods as soon as possible and complete the Goods Receiving Document. Should any Goods fail to conform to the technical specifications, codes and standards under the Contract, the IITK may reject the Goods. The Contractor shall, at no cost to the IITK, replace the rejected Goods or, alternatively, rectify the non-conformity.

6.3 In the case of Goods ordered on the basis of specifications or samples, the IITK shall have the right to reject the Goods or any part thereof and terminate the Contract if the Goods do not conform to the specifications and/or samples. Nothing in this clause shall in any way release the Contractor from any warranty or other obligations under the Contract.

7. SHIPPING AND INSURANCE

For overseas orders, shipping arrangements shall be co-ordinated by IITK. Original shipping documents including the packing list shall be airmailed by the Contractor to the (Deputy Registrar (S&P), IIT, Kanpur – 208 016, UP, India).

8. OBSERVANCE OF LAW AND EXPORT LICENCES

The Contractor shall comply with all laws, ordinance, rules and regulations bearing upon the performance of its obligations under the terms of the Contract. If an export licence or any other governmental authorisation is required for the Goods, it shall be the obligation of the Contractor to obtain such licence or governmental authorisation. In the event of the Contractor's failure to obtain such licence or authorisation within a reasonable time, the IITK may immediately terminate the Contract. Where the award procedure or execution of the Contract is vitiated by substantial errors or irregularities or by fraud, the IITK shall suspend execution of the Contract.

Signature of Bidder: _____

Where such errors, irregularities or fraud are attributable to the Contractor, the IITK may also refuse to make payments or may recover monies already paid, in proportion to the seriousness of the errors, irregularities or fraud. The purpose of suspending the Contract shall be to verify whether presumed substantial errors and irregularities or fraud have actually occurred. If they are not confirmed, execution of the Contract shall resume as soon as possible. A substantial error or irregularity shall be any infringement of a contract or regulatory provision of India, resulting from an act or an omission that causes or might cause a financial loss.

9. PRICE

The price of the Goods shall be as stated in the Purchase Order and may not be increased.

10. PAYMENT

- 10.1 Unless otherwise stipulated in the Purchase Order, the IITK shall make payment within thirty (30) Days of the later of installation test and commissioning 90% and balance 10% three months after successful commissioning:
- (a) successful delivery of the goods to IITK as confirmed by the consignee (The In-charge S&P, IIT Kanpur), endorsed by the indenter (The HOD/PI, Samtel centre for display technologies/National centre for flexible electronics, IIT Kanpur) and approved by the indenter's Head of Department / Section;
 - (b) Receipt of customary shipping documents and any other documents specified in the Contract; and
 - (c) Receipt of the original invoice issued by the Contractor.
- 10.2 All invoices shall be in original and shall contain the IITK Purchase Order number, and a description, the quantities, unit and total price(s) of the Goods delivered. The currency of invoice and payment shall be as specified in the Purchase Order. Unless otherwise authorised by the IITK, a separate invoice shall be submitted for each shipment under the Contract / PO. Subject to Clause 11 below ('Tax Exemption'), if applicable, the VAT amount shall be separately identified in the invoice.
- 10.3 Payments shall be made in the currency stated in the Contract / PO, on the basis of the equivalent value of INR on the day of payment and paid directly into the nominated bank account.
- 10.4 The IITK shall not pay any charge for late payments.

11. TAX EXEMPTION

The Contractor's price shall reflect any tax exemption to which the IITK is entitled. If it is subsequently determined that any taxes that have been included in the price are not required to be paid or if, having been paid, any such taxes are subject to refunding, the IITK shall deduct the amount from the Contract price. Payment of such adjusted amount shall constitute full payment by the IITK. In the event that any taxing authority refuses to recognize the IITK's exemption from taxes, the Contractor shall immediately consult with the IITK to determine a mutually acceptable procedure for settling the applicable amount.

12. WARRANTY

- 12.1 The Contractor warrants that the Goods furnished under the Contract conform to the technical specifications, description and standards specified in the Contract, and are new and unused, and free from defects in design, workmanship and/or materials.
- 12.2 The Contractor shall provide a warranty for the Goods for a period of (3 years) from the date of installation, testing and commissioning of the Goods by the IITK, unless the standard manufacturer's warranty period is longer in which case the longer period shall apply.
- 12.3 In the case of "homogeneously defined" or disposable goods, should any portion of the Goods, at any time, not comply with clause 5.1 or 5.2 herein or otherwise prove to be defective, the Contractor shall, upon written notification from the IITK, replace that portion of the Goods and bear all costs associated with the replacement of same.

Signature of Bidder: _____

13. PACKING

- 13.1 The Goods shall be packed and marked in a proper manner and in accordance with the Contract and any statutory requirements and any requirements of the carrier(s). In particular, the Goods shall be marked with the IITK Purchase Order number and the net, gross and tare weights, the name of the contents shall be clearly marked on each container and all containers of hazardous goods (and all documents relating thereto) shall bear prominent and adequate warnings.
- 13.2 The Contractor shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination. The packing shall be sufficient to withstand, without limitation, rough handling during transit. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination and the absence of appropriate handling facilities at all points in transit.
- 13.3 All packaging materials shall be non-returnable.

14. DEFAULT AND DAMAGES

- 14.1 If due to reasons attributable to the Contractor, the Contractor fails or refuses to:
- (a) Deliver any or all of the Goods under the Purchase Order;
 - (b) Comply with any or all of the terms and conditions set out in the Purchase Order; or
 - (c) Deliver any or all of the Goods under the Purchase Order on or before the Delivery Date;
 - (d) The IITK may hold the Contractor in default under the Purchase Order.
- 14.2 When the Contractor is thus in default, the IITK may, by written notice to the Contractor, immediately terminate the Purchase Order in whole or in such part or parts thereof in respect of which the Contractor is in default.
- 14.3 Alternatively to clause 14 above when the Contractor is thus in default, the IITK may, at its own discretion, set a reasonable period of time for the Contractor to remedy its default. Any new Delivery Date shall be specified in a written amendment to the Purchase Order, duly countersigned by the Contractor.
- 14.4 The IITK may, at its discretion, impose penalties upon the Contractor calculated in accordance with clause 15 for each Day the Contractor is late in delivering the Goods past the Delivery Date initially specified in the Purchase Order.
- 14.5 If the Contractor does not remedy its default within the period of time accorded under clause 16, the IITK may, by written notice to the Contractor, terminate the Purchase Order with immediate effect.
- 14.6 Upon any termination of the Purchase Order, in whole or such part(s) thereof in respect of which the Contractor is in default, the IITK may engage another contractor to deliver the Goods and recover any difference in price and any additional costs from the Contractor.
- 14.7 The Contractor shall indemnify the IITK for all losses, charges, costs and expenses, which the IITK may suffer or incur as a result the Contractor's default, including those resulting from engaging another contractor pursuant to this clause 14.

15. PENALTIES

If, in accordance with clause 15, the IITK imposes penalties on the Contractor, such penalties shall amount to one percent (1.0%) of the total Purchase Order price for each Day following the initial Delivery Date specified in the Purchase Order but shall not amount to more than ten percent (10%) of the total Purchase Order value. The penalties for the delay may be deducted by IITK from any sum(s) due, or to become due, by the IITK to the Contractor.

Signature of Bidder: _____

16. DELAY NOT ATTRIBUTABLE TO THE CONTRACTOR

If the Contractor is delayed at any time in the delivery of the Goods or fulfilment of any other of the

Contractor's obligations by any act or omission of the IITK, or by any of its officials, or by any separate contractor(s) contracted by the IITK, or by changes ordered in the type and/or quantity of the ordered Goods, or the Place(s) of Delivery, or any causes beyond the Contractor's reasonable control, or by any other cause, which the IITK determines may reasonably justify the delay, the Delivery Date of the Goods, or fulfilment of any other of the Contractor's applicable obligations shall be extended for such reasonable period of time as the IITK and the Contractor mutually determine. The set reasonable period of time and any amended delivery date shall be specified in a written amendment to the Contract / PO, duly countersigned by the Contractor.

17. FORCE MAJEURE

As soon as possible after the occurrence of any event constituting *Force Majeure*, but no later than three (3) Days, the Contractor shall give notice and full particulars in writing to the IITK of the *Force Majeure*. If the Contractor is thereby rendered unable, wholly or in part, to meet its obligations under the Contract, the IITK may terminate the Contract / PO with immediate effect by providing written notice to the Contractor.

18 INDEMNITY

18.1 The Contractor shall indemnify, hold and save harmless and defend at its own expense the IITK, and all of the foregoing's officials, agents, servants and employees from and against all suits, claims, demands and liability of any nature or kind, including costs and expenses, arising out of acts or omissions of the Contractor or its employees, agents or subcontractors in the performance of the Contract.

18.2 Clause 18 shall include, without limitation, claims and liabilities in the nature of workmen's compensation and claims and liabilities arising out of the use of patented inventions or devices.

19. ASSIGNMENT

19.1 The Contractor shall not assign, transfer, pledge or make other disposition of the Purchase Order or any part thereof or of any of the Contractor's rights, claims or obligations under the Purchase Order except with the express written consent of the IITK. Any assignment made without such consent shall be void and of no effect.

19.2 The Contractor shall not subcontract any of its obligations under the Contract / PO without the express written consent of the IITK. The IITK may require the Contractor to furnish particulars of the proposed subcontract as the IITK deems necessary.

19.3 The IITK's approval of any subcontracting shall not relieve the Contractor from any liability or obligation under the Contract. In any subcontract, the Contractor agrees to bind the subcontractor by the same terms and conditions by which the Contractor is bound under the Contract / PO.

20. INSOLVENCY AND BANKRUPTCY

20.1 Should the Contractor become insolvent or should control of the Contractor change by virtue of insolvency, the IITK may with immediate effect and without prejudice to any other right or remedy available to it, suspend the performance of the Contractor's obligations or terminate the Purchase Order with immediate effect, by providing the Contractor with written notice thereof.

20.2 Should the Contractor be adjudged bankrupt, or should the Contractor make a general assignment for the benefit of its creditors, or should a receiver be appointed on account of the Contractor's insolvency, the IITK may, without prejudice to any other right or remedy available to it, terminate the Purchase Order with immediate effect by providing the Contractor with written notice thereof.

Signature of Bidder: _____

21. TERMINATION

- 21.1 The IITK shall have the right to terminate the Purchase Order or any of the provisions thereof at any time by serving a three days' notice to the Contractor.

22. WAIVER

A waiver of any breach of or default under the Contract / PO shall not constitute a waiver of any other breach or default and shall not affect the other terms of the Contract / PO. The rights and remedies provided by the Purchase Order are cumulative and are not exclusive of any other rights or remedies.

23. ADVERTISING

The Contractor shall not advertise or otherwise make public the fact that it is a contractor to the IITK. The Contractor shall not in any way use the name, emblem, logo, official seal, or any abbreviation of the IITK.

24. DISCRETION AND CONFIDENTIALITY

The Contractor is required to exercise the utmost discretion in all matters relating to the Contract / Purchase Order. Unless required in connection with the performance of the Purchase Order or expressly authorised in writing by the IITK, the Contractor shall not disclose at any time to any third party any information which has not been made public and which is known to the Contractor by reason of its association with the IITK. The Contractor shall not, at any time, use such information to any private advantage. These obligations do not lapse upon any completion, expiration, cancellation or termination of the Contract / PO.

25. NOTICES

Any notice given in connection with the Contract shall be given in English and in writing and shall be deemed to be validly given if sent by registered mail or by fax or by email to the other Party at the following:

- (a) For the IITK: the contact details set out in the 'IITK BUYER' name field of the Purchase Order; and
- (b) For the Contractor: the contact details set out in the 'CONTRACTOR' named field of the IITK Contract/Purchase Order.

26. STAFF MEMBERS NOT TO BENEFIT

The Contractor shall not grant to any official of the IITK any direct or indirect benefit or preferential treatment on the basis of the Purchase Order or the award thereof. Any breach of this provision shall constitute a fundamental breach of the Purchase Order.

27. GOVERNING LAW

The Contract shall be governed by and construed in accordance with the substantive laws of the Republic of India.

28. SETTLEMENT OF DISPUTES

- 28.1 The Parties shall use their best efforts to negotiate and amicably settle any disputes, controversies or claims arising out of, or in connection with, the Contract / Purchase Order or its interpretation.
- 28.2 If the Parties fail to settle the dispute amicably within thirty (30) Days of commencement of the negotiations, the dispute shall be settled through arbitration. One (1) sole arbitrator shall be appointed by the Director of IITK who shall have full powers to make final and binding decisions subject to prevailing laws of India. The appointing authority shall be the Director of IITK. The place of arbitration shall be Kanpur and the language used in the arbitration proceedings shall be English.

Signature of Bidder: _____

29. PRIVILEGES AND IMMUNITIES

No provision of the Contract / Purchase Order shall be deemed, or interpreted as, a waiver of the Privileges and immunities enjoyed by the IITK.

30. AMENDMENTS

No modification, amendment or change to the Contract/Purchase Order, or waiver of any of its provisions, or any additional contractual relationship with the Contractor shall be valid unless approved in the form of a written amendment to the Contract/Purchase Order, signed by a fully authorised representative of each Party.

31. VALIDITY

The invalidity in whole or part of any condition of the Contract / Purchase Order or clause thereof shall not affect the validity of the remainder of such condition or clause.

32. ENTIRE AGREEMENT

The Contract / Purchase Order constitute the entire agreement and understanding of the Parties and supersede any previous agreement, whether orally or in writing, between the Parties relating to the subject matter of the Contract.

33. GOVERNING LANGUAGE

The Contract / Purchase Order shall be executed in the English language which shall be the binding and controlling language for all matters relating to the meaning and interpretation of the Contract / Purchase Order.

Signature of Bidder: _____

Section VI – PERFORMANCE GUARANTEE – [Sample Template]

(Where required, the contractor shall issue a performance guarantee through its bank. The recommended format for the performance guarantee is detailed below :)

PERFORMANCE GUARANTEE

To: IITK

The undersigned (BANK NAME) in (ADDRESS DETAILS) taking into consideration:

that (NAME AND ADDRESS OF VENDOR) – hereinafter called “contractors“- have received from yourselves - hereinafter called ‘principals‘- an order/ contract for (DETAILS OF PURCHASE ORDER/ CONTRACT), and that the principals require from the contractors a bank guarantee for a sum of (DETAIL AGGREGATE SUM OF BANK GURANTEE) as a security for the due fulfillment by the contractors of their contractual obligations in this respect, declares:

Hereby to guarantee irrevocably and unconditionally up to a maximum amount of (DETAIL AGGREGATE SUM OF BANK GURANTEE) the due fulfilment by the contractors of their obligations in this regard, and consequently undertakes to pay to the principals on their first written demand, all that which the principals declare the contractor is due to them in this respect, such with due observance of the above maximum amount.

Our liabilities under this Letter of Guarantee shall be released when (CONTRACTORS DETAILS) have fulfilled the terms and conditions of the Purchase order/contract or on (three months after the CONTRACT END DATE/ PURCHASE ORDER COMPLETION DATE) whichever is earlier, unless further extension be made.

Our guarantee expires upon return of this document to us.

.....
Authorized Signatory of the Bank