भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Indian Institute of Technology Hyderabad
Kandi, Sangareddy - 502 285, Telangana, India
Phone: 040-23016071:
Website: www.iith.ac.in,
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OPEN TENDER – DOMESTIC

Tender Ref. No: IITH/CC /SATHYA-P/2020/T010 Date: 06/11/2020

Indian Institute of Technology Hyderabad invites online bids (e-tender) in two bids systems, from Eligible Contractors (As per the eligibility criteria as defined in this tender document) for the following work:

Name of Work	Estimate Cost of Tender (Rs).	EMD (Rs)
Design, Supply, Installation, Testing, Commissioning of basic infrastructure for expansion of IITH datacenter	Rs.70,00,000 /-	Rs.1,40,000/-

The Tender Document can be downloaded from https://mhrd.euniwizarde.com OR Central Public Procurement (CPP) Portal https://eprocure.gov.in/epublish/app OR Institute website- https://iith.ac.in/tenders

The bid is to be submitted online only through the E-procurement portal of https://mhrd.euniwizarde.com up to the last date and time of submission of tender.

Schedule of Dates

Sr.No	Particulars	Date	Time
1	Date of Online Publication/Download of Tender	06/11/2020	1100 hrs
2	Last Date for Sending Pre-Bid Queries	16/11/2020	1700 hrs
3	Pre-Bid Meeting (online)	20/11/2020	1500 hrs
4	Last Date for Submission of Bids	14/12/2020	1700 hrs
5	Date of Opening of Technical Bids	15/12/2020	1100 hrs

No manual bids will be accepted. All quotation (both Technical and Financial) should be submitted online through E-procurement portal of **https://mhrd.euniwizarde.com**

Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the Helpdesk Support - Phone No. 011-49606060. Mail id: - helpdeskeuniwizarde@gmail.com

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INSTRUCTIONS FOR ONLINE BID SUBMISSION

The Tender Document can be downloaded from https://mhrd.euniwizarde.com OR Central Public Procurement (CPP) Portal https://eprocure.gov.in/epublish/app OR Institute website- https://iith.ac.in/tenders.

The bidders are required to submit soft copies of their bids electronically on the https://mhrd.euniwizarde.com using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the Portal, prepare their bids in accordance with the requirements and submitting their bids online.

More information useful for submitting online bids may be obtained at: https://mhrd.euniwizarde.com

GUIDELINES FOR REGISTRATION:

1.Bidders are required to enrol on the e-Procurement Portal with clicking on the link "Online Bidder Enrolment " on the e-tender Portal by paying the Registration fee of Rs.2000/- +Applicable GST.

2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidders.

4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile. Or bidders can contact help desk for getting the DSC.

5. Only valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.

6. Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC / e-Token.

7. The scanned copies of all original documents should be uploaded in pdf format on portal https://mhrd.euniwizarde.com

8. After completion of registration payment, bidders need to send their acknowledgement copy on help desk mail id helpdeskeuniwizarde@gmail.com for activation of their account.

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the e-tender Portal, to facilitate bidders to search active tenders by several parameters.

2. Once the bidders have selected the tenders they are interested in, you can pay the form fee and processing fee (NOT REFUNDABLE) by net-banking / Debit / Credit card then you may download the required documents / tender schedules, Bid documents etc. Once you pay both fee tenders will be moved to the respective 'requested' Tab. This would enable the e- tender Portal to intimate the bidders through e-mail in case there is any corrigendum issued to the tender document.

PREPARATION OF BIDS

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.

2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.

3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF formats. Bid Original documents may be scanned with 100 dpi with Colour option which helps in reducing size of the scanned document.

4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GST, Annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" available to them to upload such documents.

5. These documents may be directly submitted from the "My Documents" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

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SUBMISSION OF BIDS

1. Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document as a token of acceptance of the terms and conditions laid down by IIT Hyderabad.

3. Bidder has to select the payment option as "e-payment" to pay the tender fee / EMD as applicable and enter details of the instrument.

4. In case of Bank Guarantee (BG) bidder should prepare the BG as per the instructions specified in the tender document. The BG in original should be posted/couriered/given in person to the concerned official of IIT Hyd before the Online Opening of Technical Bid. In case of non-receipt of BG in original by the said time, the uploaded bid will be summarily rejected.

5. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white Colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

6. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

7. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

8. Upon the successful and timely submission of bid click "Complete" (i.e. after Clicking "Submit" in the portal **https://mhrd.euniwizarde.com**), the portal will give a successful Tender submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details.

9. The tender summary has to be printed and kept as an acknowledgement of the submission of the tender. This acknowledgement may be used as an entry pass for any bid opening meetings.

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For any clarification in using https://mhrd.euniwizarde.com

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

2. Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the Helpdesk Support.

Please feel free to contact euniwizard helpdesk (as given below) for any query related to etendering - Phone No. 011-49606060. Mail id: - helpdeskeuniwizarde@gmail.com/ Mr.Vijay - 08448288989/Mr.Gagan-8448288987/Mr. Surya-8448288994/Mr. Birendra-8448288988/

CHAPTER-1 INVITATION FOR TENDER OFFERS

Indian Institute of Technology Hyderabad invites online bids (e-tender) in two bids systems, from Eligible Contractors (As per the edibility criteria as defined in this tender document) for the following work

Name of Work **:** Design, Supply, Installation, Testing, Commissioning of basic infrastructure for expansion of IITH datacenter

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

a. Part - I: Technical Bid.
b. Part - II: Commercial Bid.

2. **Schedule of Dates**

Sr.No	Particulars	Date	Time
1	Date of Online Publication/Download of Tender	06/11/2020	1100 hrs
2	Last Date for Sending Pre-Bid Queries	16/11/2020	1700 hrs
3	Pre-Bid Meeting (online)	20/11/2020	1500 hrs
4	Last Date for Submission of Bids	14/12/2020	1700 hrs
5	Date of Opening of Technical Bids	15/12/2020	1100 hrs

3. **Availability Of Tender:**

The Tender Document can be downloaded from https://mhrd.euniwizarde.com. OR Central Public Procurement (CPP) Portal https://eprocure.gov.in/epublish/app OR Institute website- https://iith.ac.in/tenders

4. On-Line Pre-Bid Meeting – Date/ Time/ Venue:
On-Line pre-bid meeting will be held as given in schedule to sort out/resolve queries raised by the prospective bidders regarding the tender scope, conditions, terms & conditions etc. The prospective bidders requiring any clarification of the bidding document may send their queries in writing through e-mail on the following email ids – dr.snp@iith.ac.in. / ar.purchase@iith.ac.in/office.stores@iith.ac.in giving the reference of the Tender Number in the subject line as per the schedule and IIT Hyd will respond to these queries during the pre-bid meeting. The bidders who do not have any query but wish to attend the Pre-Bid Meeting should also send email at the aforementioned email ids. The link will be send to them.

Pre-Bid Queries should be sent only in the format as per Annexure H in the excel format before the due date as per the Schedule of Dates.

5. Envelope 1- Technical Bid:

5.1. The online envelope clearly marked as "**Technical Bid - Envelope No. 1**" shall contain the all scanned copies of originals documents in PDF Format.

a) Bid Security/EMD as per **Annexure- 'A'.**
b) Manufacturer authorization as per **Annexure –'B'.**
c) Previous Experience as per **Annexure –'C'**.
d) Bidder Information Form as per **Annexure –'D'**.
e) Declaration Regarding Clean Track/No Legal Action as per **Annexure –'E'.**
f) Acceptance Of Tender Terms as per **Annexure – 'F'**
g) Relation Certificate – as per **Annexure – 'G'**
h) DPIIT Registration – as per Annexure – 'I'

i) Solvency certificates (not older than twelve months) issued by Scheduled/Nationalized bank with which BIDDER holds the Bank account.

j) Copy of GST/ PAN No. allotted by the concerned authorities.

k) Technical literature/ leaflets and complete specifications of quoted model(s) along with commercial terms and conditions.

l) Undertaking that the successful BIDDER agrees to give a security deposit amounting to 2.5% of the purchase order value by way of Demand Draft / Bank Guarantee in favour of The Director, IIT Hyd.

m) Details of Execution of Similar Works/Supplies along with photocopies of previous Work orders, completion certificates and details of place of supply along with contact details.

n) Check List

5.2. Earnest Money Deposit (EMD)

EMD of Rs. 1,40,000 /-(Rs. One lakh Forty Thousand Only) in the form of Bank guarantee (As per format enclosed as ANNEXURE- 'A') of a scheduled bank in the name of Director, IIT Hyd valid for 180 days from the date of opening of the tender OR Online Payment through the e-Procurement portal mapped to IIT Hyd Account.

The BG in original should be posted/couriered/given in person to the concerned official before the Online Opening of Technical Bid. In case of non-receipt of BG in original by the said time, the uploaded bid will be summarily rejected

EMD of the unsuccessful bidders shall be refunded without any interest at the earliest after finalization of the purchase of concerned item.

i) Bids submitted without EMD will stand rejected. EMD will not be accepted in the form of cash / cheque or any other form other than Bank Guarantee/On-Line Transfer. No interest is payable on EMD.

ii) The BIDDER who submits the tender on behalf of their principals should produce documentary evidence in support of their authority to quote or submit Performa invoice of their principals for this tender.

iii) The EMD will be returned to the BIDDERs(s) whose offer is not accepted by IIT Hyd within one month from the date of the placing of the final order(s) on the selected BIDDER(s). In case of the BIDDER(s) whose offer is accepted the EMD will be returned on submission of Bank Guarantee as Security Deposit (SD). However, if the return of EMD is delayed for any reason, no interest / penalty shall be payable to the BIDDERs.

iv) The successful BIDDER, on award of contract / order, must send the contract / order acceptance in writing, within 15 days of award of contract / order failing which the EMD will be forfeited.

v) The EMD shall be forfeited, in case a successful BIDDER fails to furnish the Security Deposit or backs out from accepting the offer.

vi) Bids submitted without EMD/Tender fee will be rejected & no correspondence in this regard shall be entertained.

5.3. **Technical Specifications:**

It must be ensured that the offers must be strictly as per our specifications. A quotation has to be supported with the printed technical leaflet/literature of the quoted model of the item by the quoting party/manufacturer and the specifications mentioned in the quotation must be reflected /supported by the printed technical leaflet/literature. Therefore the model quoted invariably be highlighted in the leaflet/literature enclosed with the quotation. Non-compliance of the above shall be treated as incomplete/ambiguous and the offer can be ignored without giving an opportunity for clarification/negotiation etc. to the quoting party.

6. **Envelope 2: "Commercial Bid" shall contain**:

i.) Cost of all the items should be mentioned clearly and individually in the Commercial Offer (Part-II) only.

ii) The BIDDERs are requested to quote for Educational Institutional Price for Equipment and software, since IITH is an educational institution of national importance and is entitled for the concessional price.

iii) The prices should be shown against each item for the purpose of Insurance claims / replacements if any.

iv) List of deliverables / Bill of materials and services.

Note:

(ii) No sub-contracting is allowed with regard to installation, commissioning, training, warranty maintenance and after sales service. This is the sole responsibility of the Principals'/their authorized agents

6 . IIT Hyd may issue corrigendum to tender documents before due date of Submission of bid. The bidder is required to read the tender documents in conjunction with the corrigendum, if any, issued by IIT Hyd.

7. **Bid Opening And Evaluation Process**:

a. Technical Bids will be opened as per the Date Schedule & Time.
b. Financial Bids/Commercial Bids of the eligible bidders will be opened on a later date. The date and time for opening of Financial Bids /Commercial will be announced later.
c. Bids would be summarily rejected, if tender is submitted other than through online or original EMD (BG) is not submitted within stipulated date / time. IIT Hyd shall not be responsible for any postal delay.

8. **Technical Committee**

(i) On the due date the Technical bids will be opened and referred to a duly constituted technical committee. The committee will go through the technical aspects of the tender and recommend short listed firms. The recommendation of the technical committee is the final and binding on all the parties.

(ii) The technical evaluation will be an assessment of the Technical Bid. IIT Hyd representatives will proceed through a detailed evaluation of the Technical Bids as defined in Chapter 5 (Schedule of requirements, specifications and allied technical details), in order to determine whether they are substantially responsive to the requirements set forth in the tender. In order to reach such a determination, IIT Hyd will examine the information supplied by the BIDDERs, and shall evaluate the same as per the specifications mentioned in this tender.

(iii) The technical committee may formulate evaluation criteria in addition to the specifications and requirements indicated in the tender, in the interest of IIT Hyd and these criteria/recommendation will also form as a part of short-listing of the firms.

(iv) The Technical Committee will examine all the Technical aspects of the bids received. Further, the Technical Committee may seek additional information from the existing users at IIT Hyd or from other Institutes and also call for Technical presentations from the BIDDERs if it is required so.

(v) The information received and the bids already submitted together will be examined with reference to the tendered specifications and evaluation is made by the Technical Committee.

(vi) After the technical evaluation is completed and approved, IIT Hyd shall inform to the BIDDERs whose bids have been rejected technically with the reasons for rejection.

(vii) The successful BIDDERs will be informed regarding the date and time of Commercial bid opening.

(viii) In the event of seeking any clarification from various BIDDERs by IIT Hyd , the BIDDERs are required to furnish only technical clarifications that are asked for. No amendment to commercial bid will be entertained at that stage. Further during this process if any BIDDER indicates the price during the clarification such bids also will not be considered for further evaluation.

9. **Commercial Bid Evaluation:**

Based on results of the Technical evaluation IIT Hyd evaluates the Commercial Bid of those Bidders who qualify in the Technical evaluation.

a) IIT Hyd shall be free to correct arithmetical errors on the following basis:

(i) If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected.

(ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(iii) If there is a discrepancy between words & figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

b) The bids shall be evaluated on the basis of final landing cost as per format given in Price Schedule.

c) The Vague terms like "packing, forwarding, transportation…….. etc. extra" without mentioning the specific amount/percentage of these charges will not be accepted. Such offers shall be treated as incomplete and rejected.

d) After arriving at final pricing of individual offers of all the short listed firms, the lowest firm will be awarded with Contract/Purchase Order.

10. The Director, IIT Hyd reserves the right to accept the offer in full or in parts or reject summarily or partly.

(END OF CHAPTER 1)

CHAPTER-2: INSTRUCTIONS TO BIDDERS

1. Locations for the Supply, Installation, Commissioning, Operations, Warranty Services & AMC Services

The entire Project as described in Schedule of Requirements must be supplied, installed, commissioned & supported at Indian Institute of Technology Hyderabad, Kandi, Sangareddy-502285

2. Order Placements & Payment

The orders will be placed and payments shall be released by IIT HYDERABAD

3. Eligibility Criteria

3.1 The bidder must have successfully executed at their client sites at least 3 numbers of "Design, Supply, Installation, Testing & Commissioning of the basic infrastructure for datacenter" in India in the last 7 years. Completion Certificates issued by clients clearly mentioning the required credentials shall be submitted as proof of experience. Work order/ Purchase order/ copy of agreement shall not be considered as experience

Three similar datacenter completed works should be with a minimum of 40KW IT load and costing not less than the amount equal to 40% of the estimated cost

Or

Two similar datacenter completed works should be with a minimum of 50KW IT load and costing not less than the amount equal to 50% of the estimated cost

Or

One similar datacenter completed works should be with a minimum of 110KW IT load and costing not less than the amount equal to 80% of the estimated cost

Note : Similar Work wherever mentioned in this tender document means - "Design, Supply, Installation, Testing & Commissioning of the basic infrastructure for datacenter"

3.2 It will be incumbent upon each bidder to fully acquaint himself with the local conditions and other relevant factors at the proposed site which would have any effect on the performance of the contract and / or the cost. The Bidder is encouraged to make a site visit to the proposed facility to apprise themselves and obtain all information that may be necessary for preparing the bid and entering a contract. The bidders should give prior intimation 24 hours prior to their visit by email on – office@comp.iith.ac.in / ar.purchase.ac.in. No Site Visit allowed 48 hours before closing of Tender.

3.3 The Bidder should have an in-house service / support team in Hyderabad and must resolve the issue/complaints within 12 hrs. The bidder shall submit an organogram and details of the technical personnel to be available for the current project.

3.4 Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least Rs.35,00,000/-

3.5 Bidders must choose a brand from the list of approved makes given at Chapter 5 – Clause No. 5.3

3.6 Desirable to have the bidder to be ISO 9001 certified company.

4. Project Timeline

The time allowed for completion of the work shall be 05 (Five) Months. Commencement date shall be reckoned from the 2nd day from the date of submission of Security Deposit/ performance bank guarantee.

5. Performance Bank Guarantee (PBG)

The Successful bidder/Contractor whose tender is accepted, will be required to furnish performance bank guarantee (PBG) of **5%** (Five percent) of the tendered amount within the period of 15 days. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or Deposit at call receipt of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank drawn in favour of IIT HYDERABAD payable at Hyderabad or in the form of Bank Guarantee in the name of IIT HYDERABAD

6. Security Deposit:

The successful bidder / contractor whose tender is accepted will also be required to furnish by way of Security Deposit for the fulfilment of his contract, an amount equal to **2.5%** of the tendered value of the work. The Security deposit will be collected by deductions from the running bills as well as final bill of the contractor at the rates mentioned above. The Security amount will also be accepted in cash or in the shape of Government Securities. Fixed Deposit Receipt of a Scheduled Bank or will also be accepted.

Bank Guarantee wherever mentioned in this document may be read as “Bank Guarantee from any Scheduled Bank” only.

7. Amalgamation/Acquisition etc.:

In the event the Manufacturer/Supplier proposes for amalgamation, acquisition or sale of its business to any firm during the contract period, the BUYER/Successor of the Principal Company are liable for execution of the contract and also fulfillment of contractual obligations as per this Tender Document & Work/Purchase Order issued, while submitting your bid, you may confirm this condition.

8. Bid Validity Period:

a. The prices must be valid at least for a period of **180 days** from the date of opening of the Tender. No changes in prices will be acceptable in any condition after opening of tender till the validity of the offer or execution of the order whichever is later

b. IIT Hyd may ask for the BIDDER's consent to extend the period of validity. Such request and the response shall be made in writing only. The BIDDER is free not to accept such request without forfeiting the EMD. A BIDDER agreeing to the request for extension will not be permitted to modify his bid.

c. Bid evaluation will be based on the bid prices without taking into consideration the above corrections

9. AWARD OF CONTRACT:

a. IIT Hyd, shall award the contract to the technically qualified eligible BIDDER whose bid has been determined as the lowest evaluated commercial bid.

b. If more than one BIDDER happens to quote the same lowest price, IIT Hyd reserves the right to award the contract to more than one BIDDER or any BIDDER.

10. IIT Hyd reserves the right to vary quantities at the time of Award:

a. IIT Hyd reserves the right at the time of Contract award to increase or decrease the quantity of goods and services originally specified in the tender document without any change in unit price or other terms and conditions. Further, at the discretion of IIT Hyd, The Contractor shall carry out the variations as required by the Institute. Such variations shall be payable at the same quoted rates. For any such variation item, if there is no rate in the price schedule, rates shall be derived on the basis of the prevailing local market rates/ the actual procurement rates of the contractor. For analysing the rates, standard methods of rate analysis as given in the CPWD Analysis for similar items shall be followed. Profit of 15% including 5% overheads shall be allowed while deriving the new rates. Rates approved by the Institute shall be final and binding.

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b. Firms which have already supplied similar equipment to IIT Hyd and have not completed required installation/commissioning/after sales service/warranty replacements etc. such firms offer will not be considered for further evaluation and no enquiries thereafter will be entertained.

11. Fraud and Corruption:

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

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

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

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

12 . Interpretation of the clauses in the Tender Document / Contract Document
In case of any ambiguity / dispute in the interpretation of any of the clauses in this Tender Document, Director, IIT Hyd's interpretation of the clauses shall be final and binding on all parties.

(END OF CHAPTER 2)

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CHAPTER - 3 : CONDITIONS OF CONTRACT

1. Prices –

Bid prices should be filled in the appropriate format as mentioned in Price Schedule. Chapter 6

1.1 The prices quoted shall remain firm and no price escalation will be permitted. The prices quoted should be inclusive of all the statutory taxes, levies cess etc., prevailing till the last date of submission of the bids. The bidder should exercise utmost care to quote the correct percentage of applicable GST on each item. Any revision in statutory tax /duty structure as on date of supply/ invoice, shall be considered, as applicable.

1.2 Bidder must quote in INR only.

1.3 The prices quoted must be inclusive of packing & forwarding, freight, insurance, loading, unloading charges /entry tax/road permit charges and allied charges till destination including testing and commissioning wherever specified.

1.4 The prices must be quoted for all the items as per format given in Chapter 6

2. Completeness Responsibility

The bidders may please note that this is a contract on 'Turn-key' basis. Notwithstanding the scope of work, engineering, supply and services stated in bid document, any equipment or material, engineering or technical services which are not specifically mentioned under the scope of supply of the bidder and which are not expressly excluded there from but which – in view of the bidder - are necessary for the required performance of the solution in accordance with the RFP specifications are treated to be included in the bid and has to be implicitly performed by bidder. In no case, the bidder will be permitted to increase the prices quoted.

3. Inspection:

a) The inspection of the complete project will be done by our technical expert /Scientist in the presence of firm's representative.
b) In case of receipt of the material in short supply or damaged condition the supplier will have to arrange the supplies/ replacement of goods free of cost pending the settlement of the insurance case wherever applicable on FOR at the IIT Hyd.

4. Training: Wherever needed, Scientist/Technical persons of the Institute should be trained by the Contractor at the project site free of cost.. The contractor/supplier should bear all the expenses for such training including 'to & fro' fares and lodging & boarding charges

5. Warranty

5.1 **Warranty/Guarantee:** The warranty or guarantee period for the machinery/equipment shall be 36 months from the date of successful commissioning. Any extended warranty is offered the same has to be mentioned separately.

5.2 The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. This includes cost, insurance, freight, custom duty, local taxes if any should be borne by the Contractor . No cost will be borne by IIT Hyd.

5.3 The Bidder shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 05 years from the date of supply of equipment on payment on approved price list basis

5.4 The equipment supplied must be supported by a Service Centre in Hyderabad manned by the technical support engineers.. Also it should be possible to contact the Principal's vendor support Centre on a toll free number/web/mail. The support through this Centre must be available during all working days and hours.

5.5 The manufacturer/OEM should facilitate the bidder/Contractor /Agent on regular basis with technology / product updates & extend support for the warranty as well.

5.6 Commencement Of Warranty Period: The warranty period of an item shall commence from the date of successful installation, commissioning and demonstration of the Project at IIT Hyd. The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services.

5.7 IIT HYDERABAD reserves the right to invoke the Performance Bank Guarantee submitted by bidder, in case of the following:

5.7.1 The system fails to achieve the performance as stipulated in this document or

5.7.2 The bidder/contractor fails to provide the warranty and other services in scheduled time frame, as stipulated in this document or

5.7.3 The bidder/contractor delays to provide the warranty services as stipulated in this document

6. **Defect Liability Period (DLP):** The DLP shall be 12 months from the date of Handing over of the equipment after successful commissioning. If the contractor or his working people or servants shall break, deface, injure or destroy any part of equipment in which they may be working, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work within twelve months after a certificate final or otherwise of its completion shall have been given by the Institute as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Institute cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor, or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The security deposit of the contractor shall not be refunded before the expiry of twelve months after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later.

7. Reasonability of Prices: The prices quoted must be the prices applicable for a premiere Educational and Research Institute of national importance. The bidder may give details of identical or similar equipment, if any, supplied to other IITs/ IISERs/ CSIR lab/ CFTI's during last three years along with the final price paid and Performance certificate from them

8. **Annual Maintenance Contract:** The bidder must mention in the quotation, the rate/amount of annual maintenance charges, if we opt for maintenance contract after expiry of the warranty period. This is mandatory to mention, wherever applicable. No sub-contracting will be allowed for installation or maintaining system/ equipment / instrument during or after warranty period.

9. **Indemnity:** The vendor shall indemnify, protect and save IIT Hyd against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the equipment's supplied by the bidder/OEM.

10. Time for completion : - The time allowed for completion of the work shall be 05 (Five) Months. Commencement date shall be reckoned from the 2nd day from the date of submission of Security Deposit.

11. Compensation for Delay : If the contractor fails to maintain the required progress in terms of clause 13 or to complete the work and clear the site on or before the contract or justified extended date of completion as per clause 13 (excluding any extension under Clause 13.5) he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as compensation the amount calculated at the rates stipulated below as the Director, IIT Hyderabad may decide on the amount of accepted Tendered Value of the work for every completed day/ month (as determined) that the progress remains below that specified in Clause 13 or that the work remains incomplete.

(i) Compensation for delay of work with maximum rate @ 1% (one percent) per week of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor.

Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % (ten percent) of the accepted Tendered Value of work as mentioned. for which a separate period of completion is originally given.

In case no compensation has been decided by the authority during the progress of work, this shall be no waiver of right to levy compensation by the said authority if the work remains incomplete on final justified extended date of completion. If the Institute decides to give further extension of time allowing performance of work beyond the justified extended date, the contractor shall be liable to pay compensation for such extended period.

Provided that compensation during the progress of work before the justified extended date of completion for delay under this clause shall be for non-achievement of sectional completion or part handing over of work on stipulated/justified extended date for such part work or if delay affects any other works/services.

In case action under this has not been finalized and the work has been determined under clause the Clause for Termination, , the right of action under this clause shall remain post determination of contract but levy of compensation shall be for days the progress is behind the schedule on date of determination, as assessed by the authority after due consideration of justified extension. The compensation for delay, if not decided before the determination of contract, shall be decided after of determination of contract.

12. Time and Extension of Delay

The time allowed for execution of the Works as specified in the Contract or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the work shall commence from such time period as mentioned elsewhere in the contract or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, the security deposit /performance guarantee shall be forfeited by the Institute and shall be absolutely at the disposal of the Government without prejudice to any other right or remedy available in law.

12.1 As soon as possible but within 7 (seven) working days of award of work and in consideration of

(a) Schedule of handing over of site as specified

(i) The Contractor shall submit a Time and Progress Chart. The Institute may within 7 (seven) working days thereafter, if required modify, and communicate the program approved to the contractor failing which the program submitted by the contractor shall be deemed to be approved by the Institute. The work programme shall include all details of balance drawings and decisions required to complete the contract with specific dates by which these details are required by contractor

without causing any delay in execution of the work. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Institute and the Contractor within the limitations of time imposed in the Contract documents

(ii) In case of non submission of construction programme by the contractor, the program approved by the Institute shall be deemed to be final.

(iii) The approval by the Institute of such programme shall not relieve the contractor of any of the obligations under the contract.

12.2 If the work(s) be delayed by:-

(i) force majeure, or

(ii) abnormally bad weather, or

(iii) serious loss or damage by fire, or

(iv) civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or

(v) delay on the part of other contractors or tradesmen engaged by the Institute in executing work not forming part of the Contract, or

(vi) any other cause like above which, in the reasoned opinion of the Institute is beyond the Contractor's control.

then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Institute but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Institute to proceed with the works.

The contractor shall have no claim of damages for extension of time granted or rescheduling of milestone/s for events listed in sub clause 13.2.

12.3 In case the work is hindered by the Department or for any reason / event, for which the Department is responsible, the authority shall, if justified, give a fair and reasonable extension of time and reschedule the mile stones for completion of work Such extension of time or rescheduling of milestone/s shall be without prejudice to any other right or remedy of the parties in contract or in law; provided further that for concurrent delays under this sub clause and sub clause 13.2 to the extent the delay is covered under sub clause 13.2 the contractor shall be entitled to only extension of time and no damages.

12.4 Request for rescheduling of Mile stones or extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing

delay on the prescribed forms i.e. Form of application by the contractor for seeking rescheduling of milestones or Form of application by the contractor for seeking extension of time respectively to the authority. The Contractor shall indicate in such a request the period by which rescheduling of milestone/s or extension of time is desired. With every request for rescheduling of milestones, or if at any time the actual progress of work falls behind the approved programme by more than 10% of the stipulated period of completion of contract, the contractor shall produce a revised programme which shall include all details of pending drawings and decisions required to complete the contract and also the target dates by which these details should be available without causing any delay in execution of the work.

12.4.1 In any such case the Director, IIT Hyderabad may give a fair and reasonable extension of time for completion of work or reschedule the milestones.

12.5 In case the work is delayed by any reasons, in the opinion of the Institute, by the contractor for reasons beyond the events mentioned in clause 12.2 or clause 12.3 or clause 12.4 and beyond the justified extended date; without prejudice to right to take action under Clause 13, the Institute may grant extension of time required for completion of work without rescheduling of milestones. The contractor shall be liable for levy of compensation for delay for such extension of time.

13. Force Majeure : IIT Hyd may consider grant of extension of time , as specified in this document, if and to the extent that the delay, in performance or other failure to perform its obligations under the Contract, is the result of a Force Majeure.
Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms etc.) acts of states, the direct and indirect consequences of wars (declared or undeclared) hostilities, national emergencies, civil commotion and strikes at successful Bidder's premises.

14. Settlement of Disputes & Arbitration:

Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specifications, design, drawings and instructions here-in before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter:

a. If the contractor considers any work demanded of him to be outside the requirements of the contract, or disputes any drawings, record or decision given in writing by the Institute or if the Institute considers any act or decision of the contractor on any matter in connection with or arising out of the contract or carrying out of the work, to be unacceptable and is disputed, such party shall promptly within 15 days of the arising of the disputes request the Director, who shall refer the

disputes to Dispute Redressal Committee (DRC) within 15 days along with a list of disputes with amounts claimed if any in respect of each such dispute. The Dispute Redressal Committee (DRC) give its decision within a period of 60 days extendable by 30 days by consent of both the parties from the receipt of reference from Director.

Provided that no party shall be represented before the Dispute Redressal Committee by an advocate/legal counsel etc.

The DRC will submit its decision to the Director for acceptance. Institute in a time limit of 30 days from receipt of DRC decision will convey acceptance or otherwise on the said decision .If the Dispute Redressal Committee (DRC) fails to give its decision within the aforesaid period or time limit or any party is dissatisfied with the decision of Dispute Redressal Committee (DRC) then either party may within a period of 30 days from the receipt of the decision of Dispute Redressal Committee (DRC) or on expiry of aforesaid the time limits available to DRC ,may give notice to the Director, IIT Hyderabad for appointment of arbitrator.

It is a term of contract that each party invoking arbitration must exhaust the aforesaid mechanism of settlement of claims/disputes prior to invoking arbitration.

The Director shall in such case appoint the sole arbitrator may be within 30 days of receipt of such a request and refer such disputes to arbitration.

Dispute or difference shall be referred for adjudication through arbitration by a Tribunal having sole arbitrator. The requirements of the Arbitration and Conciliation Act, 1996 (26 of 1996) and any further statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall be applicable.

It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed, if any, in respect of each such dispute along with the notice for appointment of arbitrator and giving reference to the decision of the Director on the finding / recommendation of DRC.

Parties, before or at the time of appointment of Arbitral Tribunal may agree in writing for fast track arbitration as per the Arbitration and Conciliation Act, 1996 (26 of 1996) as amended in 2015.

Subject to provision in the Arbitration and Conciliation Act, 1996 (26 of 1996) as amended in 2015 whereby the counter claims if any can be directly filed before the arbitrator without any requirement of reference by the appointing authority. The arbitrator shall adjudicate on only such disputes as are referred to him by the appointing authority and give separate award against each dispute and claim referred to him and in all cases where the total amount of the claims by any party exceeds Rs. 1,00,000/-, the arbitrator shall give reasons for the award.

The place of arbitration shall be Hyderabad.

The venue of the arbitration shall be such place as may be fixed by the Arbitral Tribunal in consultation with both the parties. Failing any such agreement, then the Arbitral Tribunal shall decide the venue.

15. Action in case Work not done as per Specifications:

All works under or in course of execution or executed in pursuance of the contract, shall at all times be open and accessible to the inspection and supervision of the Institute's Officers in charge of the work, and the contractor shall, at all times, during the usual working hours and at all other times at which reasonable notice of the visit of such officers has been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing, present for that purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

If it shall appear to the Institute, that any work has been executed with unsound, imperfect, or un-skilful workmanship, or with materials or articles provided by him for the execution of the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract, the contractor shall, on demand in writing which shall be made within twelve months of the completion of the work from the Institute specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and pro- vide other proper and suitable materials or articles at his own charge and cost. In the event of the failing to do so within a period specified by the Institute in his demand aforesaid, then the contractor shall be liable to pay compensation at the same rate as under clause 12 (Compensation for Delay) of the contract (for non-completion of the work in time) for this default.

In such case the Institute may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates as the authority may consider reasonable during the preparation of on account bills or final bill if the item is so acceptable without detriment to the safety and utility of the item and the structure or he may reject the work outright without any payment and/or get it and other connected and incidental items rectified, or removed and re- executed at the risk and cost of the contractor. Decision of the Institute to be conveyed in writing in respect of the same will be final and binding on the contractor.

16. Contractor Liable for Damages, defects during defect liability period

If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road kerb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other

faults appear in the work within twelve months after a certificate final or otherwise of its completion shall have been given by the Institute as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Institute cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor, or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The security deposit of the contractor shall not be refunded before the expiry of twelve months after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later.

In case of Maintenance and Operation works of E&M services, the security deposit deducted from contractors shall be refunded within one month from the date of final payment or within one month from the date of completion of the maintenance contract whichever is earlier.

17. When Contract can be Determined

Subject to other provisions contained in this clause, the Institute may, with- out prejudice to its any other rights or remedy against the contractor in respect of any delay, inferior workmanship, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely determine the contract in any of the following cases:

(i) If the contractor having been given by the Institute a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or un-workman like manner shall omit to comply with the requirement of such notice for a period of seven days thereafter.

(ii) If the contractor has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence and continues to do so after a notice in writing of seven days from the Institute.

(iii) If the contractor fails to complete the work or section of work with individual date of completion on or before the stipulated or justified extended date, on or before such date of completion; and the Institute without any prejudice to any other right or remedy under any other provision in the contract has given further reasonable time in a notice given in writing in that behalf as either mutually agreed or in absence of such mutual agreement by his own assessment making such time essence of contract and in the opinion of Institute the contractor will be unable to complete the same or does not complete the same within the period specified.

(iv) If the contractor persistently neglects to carry out his obligations under the contract and/or

commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Institute.

(v) If the contractor shall offer or give or agree to give to any person in Government service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for Government.

(vi) If the contractor shall enter into a contract with Government in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Institute.

(vii) If the contractor had secured the contract with Government as a result of wrong tendering or other non-bonafide methods of competitive tendering or commits breach of Integrity Agreement.

(viii) If the contractor being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors.

(ix) If the contractor being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.

(x) If the contractor shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days.

(xi) If the contractor assigns (excluding part(s) of work assigned to other agency(s) by the contractor as per terms of contract), transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer, sublet or otherwise parts with the entire works or any portion thereof with- out the prior written approval of the Institute.

When the contractor has made himself liable for action under any of the cases aforesaid, the Institute shall have powers

(a) To determine the contract as aforesaid so far as performance of work by the Contractor is concerned (of which determination notice in writing to the contractor under the hand of the Institute shall be conclusive evidence). Upon such determination, the Security Deposit already recovered, security deposit payable and Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the Government.

(b) After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof, as shall be un-executed out of his hands and to give it to another contractor to complete the work. The contractor, whose contract is determined as above, shall not be allowed to participate in the tendering process for the balance work including any new items needed to complete the work.

In the event of above courses being adopted by the Institute, the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid, the con- tractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Institute has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

18. Labour Laws to be complied with

The contractor shall, fully comply with all the labour laws and rules of the central and local governments.

The Contractor shall obtain a valid license under the Contract Labour (R&A) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971 , within 21 days of the Commencement date, and continue to have a valid license until the completion of the work.
The Contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986.

The Contractor shall also comply with the provisions of the Building and Other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the Building and Other Construction Workers Welfare Cess Act, 1996, the Workmen's Compensation Act, 1923.
The Contractor shall comply with the provisions of the Payment of Wages Act,1936, the Minimum Wages Act, 1948, Employees Liability, The Industrial Disputes Act, 1947, the Maternity Benefits Act, 1961, the Payment of Bonus Act, 1965, The Inter-State Migrant Workmen (Regulation & Conditions

of Service)Act,1979, the Employees Provident Funds and Miscellaneous Provisions Act, 1952, the Employees State Insurance Act, 1948 and or the modifications thereof or any other laws relating thereto and the rules made there under from time to time.

The Contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wage to labour indirectly engaged on the work, including any labour engaged by his sub-contractors in connection with the said work, as if the labour had been immediately employed by him.

As and when required by the Institute, the Contractor shall provide documentary evidences of such compliances.

If and when, the Institute receives any notice from any Agency regarding the Contractor's default in complying with laws and requirements governing the wages, etc., the Institute may take appropriate action, and costs, if any, that may be incurred by the
Institute shall be recovered from the Contractor.

19. Water & Power : The contractor shall make his own arrangements for the water and power required for discharging his obligations under the scope of this tender. In case the Institute supplies water and or power, the contractor shall be liable to pay the charges on actual consumption basis at the same prevailing rates that the local authorities charge the Institute.

20. Labour Camp : The contractor shall not be permitted to set up the labour camp inside the Institute's campus.

21. Compliance with rules of Institute's security: The contractor and his personnel shall comply with the rules of the Institute with regards to safety and security. The contractor is required to take prior approval from the Chief Security Officer of the Institute for bringing in to / taking out from the campus, tools & plants, equipment etc., Contractor's personnel shall bear identity cards and shall produce on demand by the security Personnel.

22. Risk and Ownership

All risks, responsibilities and liabilities in respect of goods delivered at site shall remain with selected contractor till they are successfully installed and commissioned at site and taken over by end users. Part deliveries shall not be treated as deliveries. Only full deliveries of all items ordered will be considered as delivery. The ownership of the items delivered at site, shall be of IIT HYDERABAD on successful installation of items.

23. Assignment

Selected bidder/ Party shall not assign, delegate or otherwise deal with any of its rights or obligation to other parties under this Contract, without prior approval of IIT HYDERABAD .

24. Disclaimer

The purpose of this RFP is to provide the bidder(s) with information to assist the formulation of their proposals. This RFP does not claim to contain all the information each bidder may require. Each bidder should conduct his own investigations and analysis and should check the accuracy, reliability and completeness of the information in this RFP and where necessary obtain independent advice. IIT HYDERABAD makes no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this RFP. The bidders are encouraged to physically visit the site and understand the physical site conditions before submitting their bids.

25. Public Procurement (Preference to Make in India), Order 2017:

a) IIT Hyd shall compare all substantially responsive bids to determine the lowest valuated bid. This Institute is following and abide with the Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E.II dated 15th June 2017 and its subsequent amendments. Accordingly preference will be given to the Make in India products while evaluating the bids, however, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order in the technical bid itself**.**

b) As per the above order and its subsequent amendments "Local Content" means the amount of value added in India which shall be value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all the custom duties) as a proportion of the total value, in percent. Accordingly the suppliers will be classified in following categories.

i) Class I local Supplier – has local content equal to more than 50%
ii) Class II local Supplier – has local content more than 20% but less than 50%

c) **Verification of Local Content** : The Class I Local Supplier /Class II Local Supplier at the time of bidding shall be required to indicate the percentage of local content and provide self-certification that the items offered meet the local content requirement. The details of the location(s) at which the local value addition is made also needs to be specified.

In case of procurement in excess of Rs.10 crores , the suppliers shall be required to provide the certificate from the Statutory auditor or cost auditor of the company giving the percentage of local content.

The bidders can be debarred for a period up to two years as , per Rule 151(iii) of GFR 2017, in case of false declaration.

26. Requirement of registration: Vide Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020.

i. Any bidder from a country sharing a land border with India will be eligible to bid in this tender only if the bidder is registered with the Department for Promotion of Industry and Internal Trade (DPIIT).

ii. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

iii. "Bidder from a country which shares a land border with India" for the purpose of this Order means:

a) An entity incorporated, established or registered in such a country; or

b) A subsidiary of an entity incorporated, established or registered in such a country; or

c) An entity substantially controlled through entities incorporated, established or registered in such a country; or

d) An entity whose beneficial owner is situated in such a country; or

e) An Indian (or other) agent of such an entity; or

f) A natural person who is a citizen of such a country; or

g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

For details about registration procedures please visit the above mentioned OM. Mandatory documentary evidence regarding the bidder's registration with DPIIT is to be submitted along with the tender, failing which the tender shall be liable for rejection. Bidders are also requested to submit the Model Certificates **as per Annexure 'I'** for this tender as mentioned in the Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020.

27. Jurisdiction: The disputes, legal matters, court matters, if any, shall be subject to Hyderabad Jurisdiction only.

28. Interpretation of the clauses in the Tender Document / Contract Document : In case of any ambiguity/ dispute in the interpretation of any of the clauses in this Tender Document, the interpretation of the clauses by Director, IIT HYDERABAD shall be final and binding on all parties.

(END OF CHAPTER 3)

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CHAPTER-4 SCHEDULE OF PAYMENTS:

Schedule of Payments:

Sl. No.	Milestone	Breakup of % of accepted Contract amount of Part 'A'
	PART-A (Work)	
1	Supply, Installation, Testing and Commissioning (SITC) of 1 no. of 160kVA UPS System as per the specifications and scope given in Chapter-5 Table 5.2.1	
	i) On delivery of UPS to the site	50%
	ii) On installation	25%
	iii) On load testing of UPS	10%
	iv) On commissioning	10%
	v) On final handing over of the total scoped work under the contract.	5%
2	Raw power and UPS power wiring, complete in all respects as required for commissioning of the UPS systems as per the specifications and scope given in Chapter-5 Table 5.2.2.	
	i) On delivery of cables to the site	75%
	ii) On completion of wiring and testing	15%
	iii) On commissioning total wiring and UPS	5%
	iv) On final handing over of the total scoped work under the contract.	5%
3	Supply, Installation, Testing and Commissioning (SITC) of Precision Air Conditioning System [Capacity: 2 no.s of 18 TR, Model: DX Based Bottom Discharge units] and complete HVAC system with all required accessories as per the specifications and scope given in Chapter-5 Table 5.2.3.	
	i) On delivery of PACs to the site	75%
	ii) On completion of piping and associated works.	15%
	iii) On commissioning of PACs.	5%
	iv) On final handing over of the total scoped work under the contract	5%
4	Supply, Installation, Testing and Commissioning (SITC) of Fire Alarm System as per the specifications and scope given in Chapter-5 Table 5.2.4	
	i) On delivery of all items to the site	75%
	ii) On installation of the systems and associated works.	15%
	iii) On commissioning of FAS	5%
	iv) On final handing over of the total scoped work under the contract	5%
5	Supply, Installation, Testing and Commissioning (SITC) of Fire Suppression System (FSS) as per the specifications and scope given in Chapter-5 Table 5.2.5	

	i) On delivery of all items to the site	75%
	ii) On completion of associated works including installation of the systems.	15%
	iii) On commissioning of FSS	5%
	iv) On final handing over of the total scoped work under the contract	5%
6	Supply, Installation, Testing and Commissioning (SITC) of Rodent Repellent System as per the specifications and scope given in Chapter-5 Table 5.2.6	
	i) On delivery of all materials to the site	75%
	ii) On installation and commissioning	20%
	iii) On final handing over of the total scoped work under the contract	5%
7	Supply, Installation, Testing and Commissioning (SITC) of Water Leak Detection system as per the specifications and scope given in Chapter-5 Table 5.2.7	
	i) On delivery of all materials to the site	75%
	ii) On installation and commissioning	20%
	iii) On final handing over of the total scoped work under the contract	5%
8	Providing and fixing of Raised Flooring System as per the specifications and scope given in Chapter-5 Table 5.2.8	
	i) On supply of the total quantity of false flooring tiles, studs, stringers.	65%
	ii) On completion of false flooring work.	30%
	iii) On final handing over of the total scoped work under the contract	5%
9	Miscellaneous civil works as per the specifications and scope given in Chapter-5 Table 5.2.8, Subhead 5.	
	i) On completion of all miscellaneous woks as per scope.	95%
	ii) On final handing over of the total scoped work under the contract	5%
PART-B (Maintenance)		
1	AMC Amount will be paid quarterly basis @ 25% of the accepted amount for AMC for respective year (Post completion of Maintenance)	

(END OF CHAPTER 4)

CHAPTER 5
DETAILED SCHEDULE OF WORK, TECHNICAL SPECIFICATIONS AND APPROVED MAKES

This Section covers the general and technical requirements of Data Centres and deliverables/ responsibilities of the successful bidder.

5.1 General requirement

IIT Hyderabad has its existing Data Center running at Academic Block-A, Ground Floor, Room No. 007. IITH is going to extend this Data Centre to adjacent near room 006. The existing gypsum board partition between existing datacenter room no. 007 and expansion area room 006 must demolish and combine as a single datacenter room. Total of 18 racks of size 42U will be setup in the proposed new area.

S.No.	Rack type	No. of racks	Max. IT Load per rack	Total IT Load
1.	High Density server rack	6	20 kw	110 kw*
2.	Low Density Server rack	12	4 kw	

Note: Total IT load is the cumulative IT load of all 18 racks.

5.2. Technical Specifications

5.2.1 Technical Specifications for UPS System

S.No	Technical Specification
1.	Supply, installation, testing and commissioning 1x160kVA UPS along for both Input & Output) system shall be 415 V,3 phase 4 wire plus ground with internal isolation transformer and all necessary paraphernalia required for commissioning.
2.	Design of UPS should be Insulated-gate bipolar transistor (IGBT) rectifier and 3/ 4 level 4 quadrant IGBT inverter with double conversion and capable of operating in ECO mode as per Class-1 classification of IEC 62040-3.

3.	Each UPS should have a phase sequence correction kit without switching in battery mode as a default feature.
4.	Steady state voltage regulations will be within 1% of nominal output voltage, Linear load harmonics distortion should be less than 3% and nonlinear load harmonics distortion should be less than 5%.
5.	UPS should be capable of 100% unbalanced load. Efficiency of UPS should not be less than 95% at full load condition in double conversion mode.
6.	Noise generated by UPS under normal steady state condition should not be more than 85 DB as per ISO 7779.
7.	UPS display should show the battery monitoring, UPS mode, Alarm (Audio and visible), Events etc but not limited to the mentioned.
8.	The UPS communication capability should be able to integrate into any industry standard Building Management System (BMS).
9.	Adequate protections for UPS for rectifier, bypass, battery, battery against overload, short circuit, battery over charging, battery over discharging, transients, surges (as per IEEE 587) etc. needs to be considered as per IEC 62040-1.
10.	The UPS must have parallelling capability. Paralleling kit is not required to be supplied now.
11.	A Battery system shall be furnished for the UPS with sufficient backup capacity to maintain UPS output at the Full load for a duration of minimum 15 minutes. Battery Backup Calculation to be provided.
12.	The type of battery shall be 12V Sealed Maintenance-free (SMF) type.
13.	Each UPS should have a separate battery bank.
14.	Battery protection shall be provided by thermal-magnetic molded-case circuit breakers in each battery rack.

15.	Each battery string shall have an individual DC battery breaker.
16.	Copper cables between the batteries, and between the UPS & batteries.
17.	The UPS should have a documented programmable network API/Protocol over TCP/IP network port for monitoring and controlling from our custom open-source based datacenter infrastructure management (DCIM) system. Valid readings of Energy (KWH), Power (KW), remote power on/off/status must be retrievable/controllable programmatically for load and PUE calculation. Necessary lifetime license for mentioned features must be supplied
18.	Overload capability: <110% of rated load, 10mins

5.2.2 Technical Specifications for Raw Power and UPS Power wiring

S.No	Technical Specification
1.	Supply, installation, testing and commissioning of suitable size DB panels for installation of 2x160 kVA UPS and must also include overload capability mentioned in table.1, complete, as required.
2.	Each of the UPS DB panels must support 12nos single-phase racks to support the lower-density IT equipment. Nonstandard it should be 1 phase 32 Amps.
3.	Each of the UPS DB panel must also support 6nos three-phase racks to support the high-density IT equipment. Nonstandard it should be 3 phase 32 Amps.
4.	Dual-source 3-phase power cabling for 20KW load from the two UPS DBs to all the 18 racks.
5.	The UPS DB panels should have a documented programmable network API/Protocol over TCP/IP network port for power monitoring from our custom open-source based datacenter infrastructure management (DCIM) system. Valid readings of Power (KW) must be retrievable programmatically for load and PUE calculation. Necessary lifetime license for mentioned features must be supplied

6.	All the wiring should be under false flooring only. Tray shall be laid under the false flooring and conduit are laid in the tray.
7.	Conduit wiring shall be as per IS-732. Conduits and conduit accessories shall be galvanized and shall conform to IS-2667, 1988.
8.	Conduit ends shall be free from sharp edges or burrs.
9.	The ends of all conduits shall be reamed and neatly bushed with Bakelite bushings.
10	Conduit pipes shall be fixed by saddle bars in an approved manner.

5.2.3 Technical Specifications for HVAC Works including Precision Air Conditioners (PAC)

5.2.3.1 Precision Air Conditioners (PAC)	
S.No	**Technical Specification**
1.	Supply, installation, testing and commissioning of self-contained direct expansion type Precision air conditioning units suitable for operation on R-410A or R-407C refrigerant & should have advanced microprocessor and electronically communicated with minimum capacity of 2nos of 18TR. The job shall be completed in all respects with all required men and materials, all necessary electrical wiring, piping, required civil works for installing the indoor and outdoor units etc., for successful commissioning of the PAC units.
2.	Precision air conditioning unit suitable for operation on R-410A or R-407C refrigerant with bottom discharge arrangement consisting of inlet filter, blow through direct drive Electronically communicated Motors and Backward curved Plug fans, fan motor assembly to deliver desired air quantity, Scroll Compressor, and compressors should be Inverter Scroll / Digital Scroll based variable capacity compressor, Direct Expansion Cooling Coil, Electronic Expansion Valve Heater banks to maintain humidity inside the space, condensate drain pan of stainless steel construction, Microprocessor panel, programmable control complete with LCD display.

3.	The unit shall be suitable for operation on 415 V, 50 Hz, AC supply.
4.	For Basis of Design Bidder to consider site ambient data along with following parameters.
4.1.	Cold Aisle Temperature to be maintained: 22 Deg C +/- 2 Deg & 50% +/- 5% RH at 37 Deg C return air Temperature
4.2.	Ambient: As per ASHRAE
4.3.	Bypass of airflow (conditioned air supplied from the precision air conditioning units is delivered to Cold Aisle Containment and Hot Air Exhausted by servers directly return to the air conditioner's intake) like penetrating of air through cable cut-outs, holes under enclosures, or misplaced perforated tiles etc. shall be completely blocked.
4.4.	Machine configuration : Bottom discharge
4.5.	Actual Capacity : As provided
4.6.	Flow Direction : Bottom discharge
4.7.	Machine Capacity control : Return Air
4.8.	Compressor type : Multiple Scroll Compressors, compressor should be Inverter / Digital Scroll based variable capacity compressor.
4.9.	Evaporator Fan : Backward curve blades with Electronically commutated (EC) motor
4.10.	Humidification & De-humidification : In built feature of humidification & dehumidification as per enclosed specification
4.11.	Filters:- Filter to be provided on the Package unit, having 95% efficiency down to 5 Microns
4.12.	Outdoor unit:- 1per dedicated circuit, with copper tubes & anti-corrosive coating aluminium fins with fan speed controller & anti-corrosive coating.

4.13.	Unit Base & Casing:- Base panel shall be constructed out of sandwich panels of galvanized steel and painted with epoxy powder coated (Double skinned Construction on all 4sides). All four side panels shall be double skinned sandwiched panels. The panels shall be insulated on the inside with minimum 32 Kg/ cum glass wool, for fire insulation class A0. Unit shall be complete with space for refrigeration equipment, fans, cooling coils, liquid receiver, Oil Separator, Safety pressure relief Valve, and multistage strip heaters and modulating Humidifiers. Unit shall be provided with a welded tubular steel floor stand with adjustable legs and requisite vibration isolation pads.
4.14.	Fan:- The units should be equipped with direct driven backward curved EC radial fans with electronically commutated brushless motors; the technology employed by these motors allows straightforward control of fan speed by means of the electronic controller in order to obtain adjustment of air flow rate and static pressure to ensure correct distribution of the treated air. The unit should have capability to determine Airflow Rate or Static Pressure and should be able to use the feedback to control the Fan Speed as per actual site requirement. The controller should have in built logic for this. The motor's high efficiency should make for less energy absorption, especially at partial loads and during starting (lowering of peak current), which means a reduction in power consumption of approximately 30% compared to AC motor. The motor shall have minimum IP54 Protection. Between the fans shall be installed an "S" shape separator design to eliminate turbulence effects of one fan to the others; it shall be also designed to increase efficiency compared to simple plate separator.
4.15.	Filters:- The filter chamber shall be an integral part of the system and withdraw able from the front of the unit. Filtration shall be provided by deep V form G4 performance dry disposable media to AS1324.
4.16.	Evaporator Coil:- Precision packaged unit shall comprise a cooling coil of copper tubes expanded into aluminium fins with corrugated profile and hydrophilic treatment. Face and surface areas shall be such as to assure rated capacity and the air velocity across the coil and Filter shall not exceed 2.8 m/s. The cooling coil shall be minimum of 3/4 rows deep and the fin spacing shall not exceed 1.8 mm. Coil selection to be suitable for SHF > 0.95 and provided with hydrophilic coating to minimize / eliminate water carry over into the airflow stream. Drain pan shall be made of stainless steel.
4.17.	Compressor Systems:- There shall be a minimum two independent refrigerant circuits with independent condensing units. Scroll Compressor The compressor shall be of the

	high efficiency scroll design operating with R-410A or R-407C refrigerant and 415V/3ph/50 Hz supply. The compressors should be "scroll type" operating with R410A or R-407C and power supply of 400-460V/3ph/50-60Hz. There should be multiple compressors and compressors should be an Inverter Compressor / Digital Scroll Compressor. The compressors are provided with integrated thermal overload protection and acoustic hood. The compressor motor control driver is provided with integral electronic protection against over temperature, over current, over or under-voltage with absence of one or more phases. Compressors, the humidifier shall be isolated from the air flow in the version with downward flow machines. The compressor shall be charged with mineral oil and designed for operation on environment friendly refrigerant R-410A or R-407C.The machine should be inbuilt with the liquid receiver & pressure relief valve for better performance of the machine.
4.18.	Refrigeration Circuit:- The refrigeration system shall be of the Multiple circuit direct expansion type and incorporate hermetic scroll compressors, compressor of Inverter Variable / Digital Scroll Compressor type, complete with crankcase heaters.
4.19.	The refrigerant circuit comprises:
4.19.1.	Liquid receiver inbuilt in the indoor unit
4.19.2.	Electronically- controlled expansion valve (EEV)
4.19.3.	Solenoid valve for shutting off the refrigerant liquid
4.19.4.	Refrigerant liquid flow indicator
4.19.5.	Solid cartridge freon filter
4.19.6.	Safety valve
4.19.7.	High pressure safety pressure switch with manual reset
4.19.8.	Low pressure switch with automatic reset
4.19.9.	Shut-off valves for external connections (versions with remote condenser)

4.19.10.	Copper refrigerant pipes with anti-condensation insulation on the suction line
4.19.11.	Pipe taps on suction and delivery side and charging valve on liquid side.
4.19.12.	Each Compressor to have its own independent Evaporator and Condenser.
4.20.	Expansion device: Electronic Expansion Valve (EEV) The unit should have Electronic Expansion Valve and should be capable of responding to the varying load conditions of the variable capacity compressor. It should be able to provide following advantages:
4.20.1.	Fast, high precision adjustment of refrigerant flow;
4.20.2.	Fast arrival of the unit at steady-state conditions;
4.20.3.	Superheating value remains constant in variable thermal load conditions;
4.20.4.	Efficient operating conditions of the compressor, especially in the presence of low room temperatures;
4.20.5.	Wide working range with consequent extension of the unit's operating limits. These properties result in enhanced performance of the unit and make it possible to obtain very significant energy savings.
4.21.	Air Cooled Condenser:- Condenser shall be air-cooled type, suitable for outdoor installation and shall be suitable for operating at high ambient of 45 deg C db and at low ambient of up to 0 deg C db temperatures. Condenser shall be in copper tube & aluminium fins construction. Condenser coil shall be of maximum 4 rows deep and the fin spacing shall not exceed 2mm. The condenser fan/s shall be of axial type with max 1000 RPM variable voltage electric motor complete with IP-54 protection. Motor shall be speed controlled to ensure a stable operation for varying ambient; by a factory fitted direct acting head pressure activated stepless variable speed drive. The condenser shall be complete with provisions for refrigerant piping connections including thermal Insulation for Refrigerant Piping, shut off valves and any other standard accessories necessary with the equipment supplied. Each Circuit to have its independent set of condenser coil and Fans is separate casing. The condenser should be equipped with fan speed controller for the speed variation based on the condensing temperature & the speed variation should be steeples. Location of the condenser unit will be at ground outside shown by IITH and must stack above the existing condenser

	on a steel framework. Data Center location will be at Ground floor, Bidder to calculate the length of piping.
4.22.	Electric heaters:- Each packaged unit shall be provided with multi stage heating elements constructed from a non- oxidable material. Electric heaters shall be of the low temperature totally enclosed strip type fitted with radiation fins and suitable for operating at black heat. If overheating occurs, a safety thermostat should cuts off the voltage supply to the heaters and triggers an alarm. Each stage of heaters is made of finned armoured stainless steel AISI 304 to maintain a low surfaces power density. Ionization effects are eliminated owing to the low heater surface temperature.
4.23.	Humidifier:- The unit is fitted with an infrared humidifier suitable for use with water of varying degrees of hardness. The humidifier is complete with a water inlet valve, and a maximum water level sensor; the humidifier includes 3 high-intensity quartz lamps shine on water creating instantaneous moisture using almost any water quality. The cleanable stainless steel humidifier pan is removable from front of the unit
4.24.	De-Humidification:- De-humidification cycle shall operate by reducing the speed of EC fan to reduce ADP of coil. Hence, by reduction of fan speed there shall be additional power saving.
4.25.	Water Sensor:- The system shall be provided with relevant water detection kit which shall have sensors with wire of minimum 1.5mtrs and each of the sensor must be capable to detect individually any water below the false floor near the unit, the sensor must be connected to the unit microprocessor thus enabling the controller to give an alarm incase of wet floor.
4.26.	Microprocessor Control System:- A 32 bit RISC microprocessor shall continuously monitor operation of each Server room air-conditioning unit continuously digitally display room temperature and room relative humidity, alarm on system malfunction and simultaneously display problem. The controller should have operation logic should be capable of working both on Supply Air Temperature feedback Logic and Return Air Temperature feedback logic. When more than one malfunction occurs, flash fault in sequence with room temperature, remember alarm even when malfunction cleared, and continue to flash fault until reset. The controller should be able to display real time, Evaporating & Condensing Pressure & Temp of Refrigerant, Suction Superheat of Refrigerant, Airflow Rate Of the Air, Supply Air Temperature.

	Microprocessor to control the following functions:
4.26.1.	Ambient temperature
4.26.2.	Humidity (HH versions)
4.26.3.	Speed of the delivery fans
4.26.4.	Speed of the condensation fans
4.26.5.	Timing of compressors with automatic rotation
4.26.6.	Alarm signal on two levels
4.26.7.	Controlled automatic reset of high and low pressure alarms
4.26.8.	The machine should be programmable to set the rotation time between the working & standby units as per client requirement.
4.27.	Malfunctions: Power Loss, Loss of Airflow, High Room Temperature, Low Room Temperature, High Humidity, Low Humidity, Supply Fan Overload, and Water Under Floor / Fire alarm. The standby unit should immediately come in action in the event of any alarm/failure of the working unit without waiting for the temperature to increase to the high temperature limit thereby controlling the temperature of the data Centre. The unit should also be capable of starting the standby unit in case the temperature is not able to achieve with the working units. Automatic lead unit sequencing to extend equipment life and automatic rotation of standby units should be part of the microprocessor itself. Microprocessor must be suitable to control multiple units if required with hard wiring which can be done at a later date. The machine should have inbuilt feature of timely rotation of 8hours between working & standby machines. In case of power failure, the precision packaged unit shall start automatically without any body's intervention. Controllers shall be Microprocessor based with capability to generate alarm and networking of all units to rotate (working + standby) units, equalized run time capability (for minimum 8 units), programmable timer, with display of all parameters.
4.28.	Recirculation of air (hot air exhausted from the rack-mounted computing device is fed back into its own intake) shall be completely avoided. Positions of Indoor units shall be

	done wisely to reduce the distance of return air path from hot aisle to hot-air in-take of cooling units. Cooling units shall be positioned as closer to the heat load, so that any kind of recirculation of air can be avoided.
4.29.	Team Mode feature for PAC units controller for synchronising the Multiple No. of units to work as a single system for all above units. Load sharing mode feature Cascading Effect Sequencing of above Units.
5.2.3.2 Other HVAC work	
1.	Supply, installation, testing and commissioning of Air cooled wall mounted Split AC unit of 2 no.s of 2TR capacity with required accessories for proposed electrical room (N+N redundancy). Sequencer for 2TR Split air conditioning system. These AC should be industrial grade metallic body Construction, inbuilt sequencing, and monitoring features. The AC should have .9 SHR.
5.2.3.3 Cold-Aisle Containment	
1.	Complete Rack Enclosures for extended Datacenter Room along with standard Accessories. The Aisle will be supplied with Cold Aisle Containment for 18 Racks (42U size) with Manual Operated Dual Leaf Doors (2 Sets of Door per aisle - 1 set in the front & Other set rear side), Fixed Roof System. Doors are Aluminium & Tempered Glass based. Roof will be MS & Fire rated Polycarbonate sheet. Any gaps in the Aisle between rack top and roof system must be covered to stop cold air leakage from it.
2.	Ceiling Panel: Galvanized Steel Framework (600 mm / 800 mm wide) Galvanized Steel is as per “IS 513 Grade D” Toughened Glass or Polycarbonate panel.
3.	Doors (Sliding): Galvanized frame (1.2mm thickness) work and toughened glass (4mm thickness) Sliding mechanism or Swivel mechanism with hinges.

	PU Foam Gasket should run across the edges of the door to prevent any leakage of cold air. Polyamide Cable Brushes are fitted at the bottom of doors to avoid leakage of cold air when doors are closed.
4.	Powder Coating: Powder coat is with Nano ceramic pre-treatment process using a zirconium coat. The Powder coating process is ROHS compliant. Powder coating thickness shall be 80 to 100 microns.

5.2.4. Technical Specifications for Fire Alarm System

Supply, installation, testing and commissioning of Analogue Fire Alarm & Detection System with required accessories, Complete as per the particular specifications given under.	
S.No	**Technical Specification**
1.	**System** Analogue Fire Alarm & Detection System complete with 14 multi-criteria detectors, fault isolator module, monitor & control modules, manual call point & sounders to support integration into the BMS system - For the server room i.e. room 006 (proposed DC facility), room 007(existing DC facility) & Electrical Room i.e. room 007 (electrical room) at Academic Block-A.
1.1.	Supply, installation, testing and commissioning of Conventional fire alarm panel with 2 loops and 2 hours battery backup on alarm condition with required accessories
1.2.	Supply, installation, testing and commissioning of Smoke Detectors, response indicators, Manual Pull Station, Hooter/ Sounder, control/relay modules, isolator modules with accessories.
1.3.	Supply and laying of 2 Core 1.5 Sqmm armoured cable with accessories

5.2.5. Technical Specifications for Fire Suppression Systems

Supply, Installation, Testing and Commissioning Fire Suppression System (Novec 1230 Based) - For the server room i.e. room 006 (proposed DC facility), room 007(existing DC facility) & Electrical Room i.e. room 007 (electrical room) at Academic Block-A. This should include Cylinder and valve assembly with solenoid actuator and Accessories, NOVEC Gas, manifold, valves, piping's, Nozzles, Abort switch, manual release switch etc, with required accessories, Complete as per the particular specifications given under.	
S.No	**Technical Specification**
1.	**System** The fire suppression system shall include a 2 zone gas release control panel with accessories, M.S. Seamless pipes as per ASTM A 106 Gr.B, schedule 40 with necessary fittings, discharge valve (with solenoid or pneumatic actuator) as the case may be, discharge pipe, check valve and all other accessories required to make a complete operation system meeting applicable requirements of NFPA 2011 standards and installed in compliance with all applicable requirements of the local codes and standards
2.	supply of 3 no.s of 140 kgs Novec 1230 gas cylinder
3.	Supply of Novec 1230 agent at least 420 kgs. Bidder to assess the site and arrive on the Novec 1230 Gas quantity required. Design calculation need to be submitted by bidder/OEM.
4.	System should include necessary supply such as release switch, abort switch, primary cylinder kit, End Slave cylinder kit, discharge Nozzles, Novec 1230 Cylinder with beta valve etc

5.2.6. Technical Specifications for Rodent Repellent System

Supply, installation, testing and commissioning of Rodent Repellent System for the server room i.e. room 006 (proposed DC facility), room 007(existing DC facility) & Electrical Room i.e. room 007 (electrical room at Academic Block-A, with required accessories, Complete as per the specifications given under.	
S.No	**Technical Specification**
1.	The Digital Controller based Rodent Repellent system proposed is to protect all the equipment's areas with sufficient number of satellites or transducers. Once powered up these transducers produce very high frequency variable sound waves continuously which must not be audible to human ears, but irritate the rodents and are forced to evacuate the place.
2.	Protect the entire premises viz. server area in room 006 & 007, Academic Block-A, proposed electrical room etc., all the voids against rodents.
3.	Protect all the cables below the floor, and room void from damage caused by rodents.
4.	The devices can be tested periodically by means of a test switch provided on the main console.
5.	The system should have Safety Compliance as per IRPA Guidelines.

5.2.7. Technical Specifications for Water Leak Detection system

Supply, installation, testing and commissioning of Water Leak Detection system with required accessories, Complete as per the specifications given under.	
S.No	**Technical Specification**
1.	Water leakage sensor cables along the perimeter of the server room i.e. room 006 (proposed DC facility), room 007(existing DC facility) & electrical Room i.e. room 007

	(electrical room) at Academic Block-A, for automatically detecting the presence of water at any point across the length of sensing cable.
2.	System should include electronic alarm modules, water sensing cable, graphic display map, and auxiliary equipment.
3.	The system should alarm and locate the point of liquid contact on the digital display.

5.2.8. Technical Specifications for Raised Flooring System and other Civil Works

Table 8 :: Raised Flooring System and other Civil Works	
1. ***Providing and fixing raised access floor systems of approved make made of 600x600mm solid fill panels, support pedestals, stringers, all necessary accessories including supply of 4 (four) numbers double cup suction panel lifting tools (vacuum tile lifters), Complete as per the particular specifications given under.*** (Area 600 Sq.ft approximately)	
S.No	**Technical Specification**
1.	**System** The entire access floor system shall provide for adequate fire properties, acoustic barrier and air leakage resistance. The system shall be able to withstand a UDL of 2025 kg per sqm and a point load of 675 kg. The pedestal shall withstand Axial Load of 2200 kg.
1.1.	**Panels** Access Floor system with solid fill panel of size 600x600 mm shall be all mild steel welded construction, with an enclosed bottom pan of 49 hemispherical and 36 reverse cones and top plain sheet which shall be fuse welded at 129 locations to form a panel of an overall thickness of 35 mm. The panel after cleaning, degreasing, phosphating by 11 tank process shall be coated with 40-60 micron epoxy coat and heated to achieve maximum adhesion to the panel surface and corrosion resistance. The inner empty core of the panel shall be injected with a light weight fire retardant, non-combustible

	cementitious compound at high pressure to fill in all the crevices of the panel to ensure support of not less than 90% of the top surface area of the panel. The panel shall be laminated with 2.00 mm thick fire retardant floor grade Antistatic Laminate / ESD Laminate - PVC / Conductive / Dissipative PVC on a semi -automated lamination line to ensure maximum bonding to the steel surface. The edges of the laminate shall be protected with conductive PVC edge trim 5mm wide on all sides. This edge trim shall be mechanically locked and sealed in place to avoid detachment.
1.2.	**Pedestal Assembly** Sub structure installed to support the panel shall be suitable to achieve a minimum finished floor height of 150 mm to a maximum of 600 mm from the existing floor level. Pedestal design shall conform to speedy assembly and removal for relocation and maintenance. The assembly shall provide easy adjustment of leveling and accurately align panels for a maximum ± 25 mm in the vertical direction. Pedestals shall support an axial load without permanent deflection and an ultimate load as laid out in System Performance parameters. The Pedestal head assembly shall consist of a 75 x 75 x 3.50 mm embossed head mechanically riveted to a 100mm long 20 mm dia rolled formed stud and two check nuts for level adjustment and arresting vertical movement. The pedestal head shall consist of an anti-vibrational PVC cap for Panel location. The Pedestal Base assembly shall consist of 22.20 mm OD pipe mechanically locked on a press for perpendicularity and then welded to a base plate of 100 x 100 x 2 mm thick with stiffening folds. The sub structure assembly shall be suitably anchored to the floor with suitable adhesive or fasteners as per manufacturer's specifications. All components shall be of mild steel with zinc electro plating of minimum 40 micron thick.
1.3.	**Stringers:** Stringers shall be hot dipped galvanized steel cold rolled construction specially designed with ribs embossed on 3 sides for strength, lateral stability, and for enhanced rolling loads performance and to support the panels on all four sides for alignment. The stringer to have a counter sunk holes at both ends to accommodate bolting of M6 machine screws to the pedestal head assembly. The stringers shall be of size 21 x 32 x 1.2 x 570 mm length.
1.4.	**Performance Parameters:**

	Concentrated Loads : 675 Kg with a top-surface deflection under load and a permanent set not to exceed , respectively, 2.54 & 0.25 mm (0.10 & 0.010 inch) according to CISCA A/F, Section I '' Concentrated Loads'' • **Ultimate Concentrated Load:** 1690 kg without failing according to CISCA A/F, Section II '' Ultimate Loading'' • **Uniformly distributed load** 2025 Kg per sqm. • **Rolling Loads :** 315 kg of the following magnitude, with a combination of local and overall deformation not to exceed 1.02 mm (0.040 inch) according to CISCA A/F, Section III '' Rolling Loads'' **CISCA AF Rolling Load: 10000 Passes** • **Stringer Load Testing :** 204 Kgs (450 lbf) at the centre of the span with a permanent set not to exceed 0.25mm (0.010 inch) as determined by CISCA A/F, Section IV, '' Stringer Load Testing'' • **Pedestal Axial Load Test :** 2200 kg axial Load per pedestal, according to CISCA A/F, Section V, ''Pedestal Axial Load Test '' • **Pedestal Over Turning Moment Test :** 113 Newton meters, according to CISCA A/F, Section VI, ''Pedestal Overturning Moment Test'' *(The contractor should submit manufacturer's test certificates in support of these above parameters)*
1.5.	**<u>Other Non structural Parameters:</u>** • **Fire Rating :** The Panels shall conform to Class O & Class 1 Fire Ratings tested as per BS 476 Part 6 (Fire Propagation) & 7 (Surface spread of flame) as also ASTM E84 1998 (Flammability) and ASTM E136 (Combustibility)

	• **Electrical Resistivity :** As per ASTM F150/ NFPA 99 / ANSI S7.1 / CEI 61340 but modified for surface to ground to place one electrode on the floor surface and to attach the other electrode on the pedestal. Resistance to be tested at 100 / 500 volts 1. Conductive range : $2.5x10^{4}$ – $1x\ 10^{6}$ Ohms (surface to ground) 2. Static dissipative range : $1x10^{6}$ - $1x10^{9}$ Ohms (surface to ground) 3. Anti static range : $1x10^{9}$ – $2x10^{10}$ Ohms (surface to surface) *(The contractor should submit manufacturer's test certificates in support of these above parameters)*
1.6.	**Tolerances:** • **Fabrication Tolerance :** 1. Floor panel flatness **:** ± 0.75 mm in any direction 2. Floor panel width or length from specified size **:** ± 0.25 mm 3. Floor panel square ness **:** ± 0.38 mm • **Installation Tolerance** 1. Overall level before application of any load **:** ± 1.5 mm over any 5.00 Sqmt ± 6 mm over any size of basic space 2. Panel level : + 0.75 mm before the application of any load 3. Panel Interchangeability installation and removal : shall be interchangeable (except for field cut Panels) and replaceable in any of the four directions at 90 0 increments.
1.7	**Conditioning** Before fixing store all moisture sensitive materials on site for at least 48 hours in condition similar to those which will prevail after the building is occupied. Ensure free circulation of air to all surfaces.
1.8	**Ramp & Steps**

	Suitable Step for Room 6 of adequate length, 600 MM height - constructed with MS framework with MS sheet cladding on top of sufficient gauge. MS sheet to be clad with 19mm ply on top , finished with laminate and provided with appropriate grips.
1.9	**Completion** Top of the finished floor shall be in level as indicated in approved drawings. On completion of all items of work as mentioned above, 4 (Four) vacuum suction cups shall be delivered to the Officer-in –Charge of the Data centre.
2.	**Partition Works:** Full height Partition between proposed electrical room (room 007) and server room (room 007 existing DC facility) - Providing and fixing 122 mm thick metal stud partition, with 4 nos tapered edge 12.5 mm thick fire line Gypsum board (conforming to IS: 2095 - 1982 and 2542 - 1981), screw fixed with 25 mm drywall screw at 300 mm centres to either side of 48 mm studs (0.55 mm thick, having one flange of 34 mm and another flange of 36 mm, made of GI steel) placed at 610 mm center to center both vertically and horizontally in 50 mm floor and ceiling channel (0.55 mm thick having equal flanges of 32 mm made of I steel) as per the approved design layout.
3.	Supply and installation of PVC curtain to create a partition between Room 007 (existing DC facility) and room no 006 (proposed DC facility) from top of the ceiling to actual kota stone floor. Curtains must have the property such as Fire retardant with anti-static property, Transparency/clarity, Flexibility, Thermal insulation, Noise insulation, Long durability, Impact & scratch resistance, High resistance to chemicals, Environment friendly & recyclable. These curtains must contain the return air of the room 006 (proposed DC facility) and prevent it from mixing with the return air of room 007 (existing DC facility).
4.	A. Air flow grills (600mm x 600mm) minimum of **12No.s** with dampers with 46% Opening B. Active Tile grills minimum of **6No.s** (EC Fan, with controller range up to 2500 CFM)
5.	**Miscellaneous Civil Works**
5.1	Anti-Static Vinyl Flooring for the electrical room (room 007, Academic Block-A)

5.2	Removing existing gypsum partition, between current room 006 and room 007 Academic Block-A, stacking serviceable materials and disposing off unserviceable materials and scrap.
5.3	Closing/ blocking of 6no. of Glass window openings in the server room (room 007 existing DC facility, room 006 proposed DC facility) and electrical room (room 007) Academic Block-A with 12 mm thick gypsum board to prevent sunlight/heat entering/leaving the server room.
5.4	Filling of any other gaps wherever required in the server room (room 007 existing DC facility, room 006 proposed DC facility) and electrical room (room 007), Academic Block-A.
5.5	Removing of existing raised floor at proposed Electrical Panel Room, stacking serviceable materials, and disposing off unserviceable materials and scrap.
5.6	Any patch work created by this work should be covered with masonry, putty and then painted to its previous state.

5.3 List of Approved Makes

	LIST OF MAKES	
Sr. No	**Description List of Makes**	**Recommended Makes**
1.	**UPS System**	
A.	UPS System	Schneider / Vertiv / Eaton / Delta
B.	SMF Batteries for UPS	Exide/ Rocket / Amar Raja / HBL /Quanta
C.	LT CABLES	RPG /KEI /FINOLEX/POLYCAB/Ravin/Lapp
D.	CABLE TRAYS	PROFAB//OVI ENGINEERS/Aslesha/Indiana
E.	MS/GI CONDUITS	BEC/BHARAT/AKG/UNIVERCELL

F.	PVC CONDUITS	AVON PLAST//Precision/Dimond
2.	**HVAC System**	
A.	PAC	Schneider | Blue Box| Emerson | Stulz
3.	**Fire Alarm system**	
A.	Analogue Fire detection Panel	Tyco (Simplex), Honeywell (Notifier), Siemens (Fire Finder Series), Schneider
B.	Analogue Thermal /smoke Detector	Tyco (Simplex), Honeywell (Notifier), Siemens (Fire Finder Series), Schneider
C.	Analogue Abort cum Gas Release Station	Tyco (Simplex), Honeywell (Notifier), Siemens (Fire Finder Series), Schneider
D.	Analogue Control / Relay / Isolator Modules	Tyco (Simplex), Honeywell (Notifier), Siemens (Fire Finder Series), Schneider
E.	Fire Detection Cables	Polycab, Excel, LAPP kabel
4.	**Fire Suppression System**	
A.	UL Listed & PESO Approved Seamless Cylinders	Ansul, UTC, Siemens, Tyco
B.	Novec 1230	Ansul, UTC, Siemens, Tyco
C.	Nozzles	Ansul, UTC, Siemens
5.	**Water Leak Detection System**	
A.	Sensing Cables	Tracetek, Liebert, Sontay
B.	WLDS Controller	Tracetek, Liebert, Sontay
C.	Jumper Cables	Tracetek, Liebert, Sontay
6.	**Rodent System**	
A.	Controller	MASER (Torrant Range), C Systems, Verma Craft
B.	Sattelites	MASER (Torrant Range), C Systems, Verma Craft

Figure-1. Current Layout:

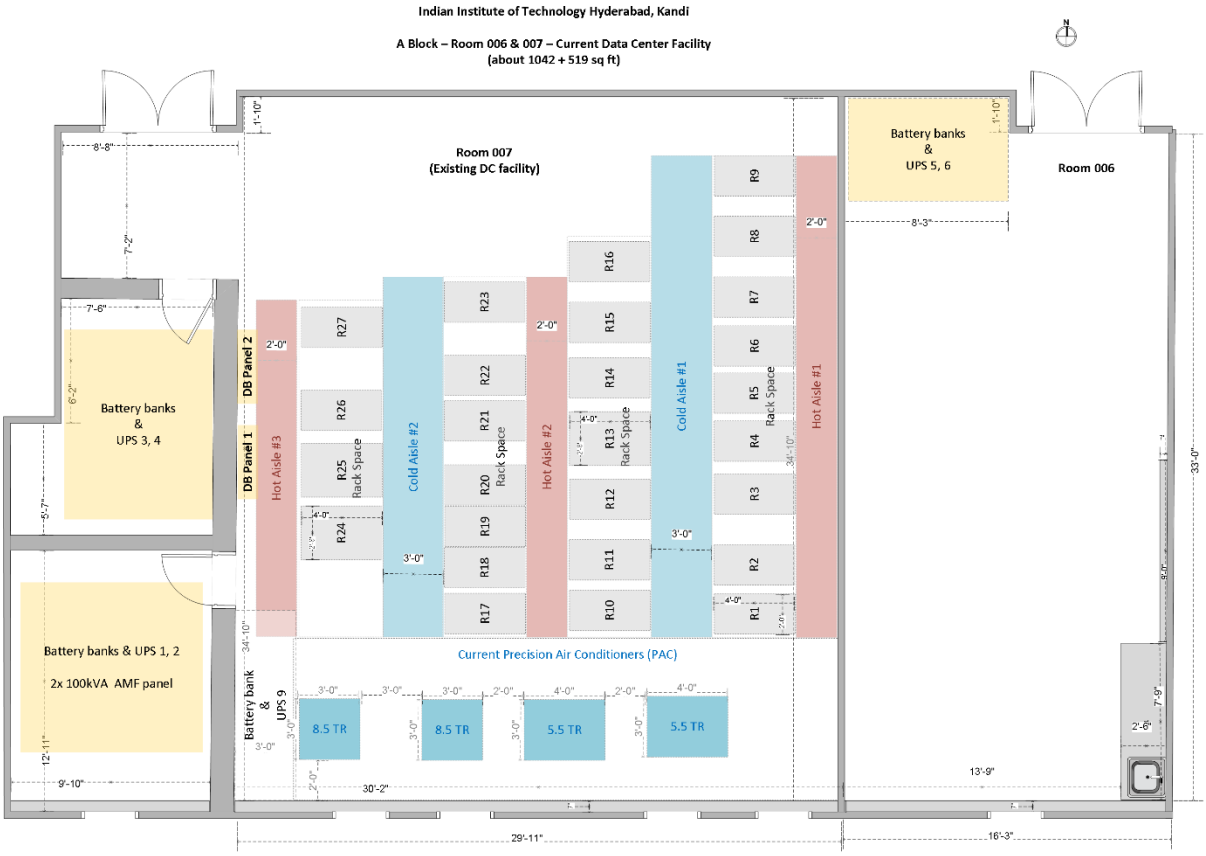
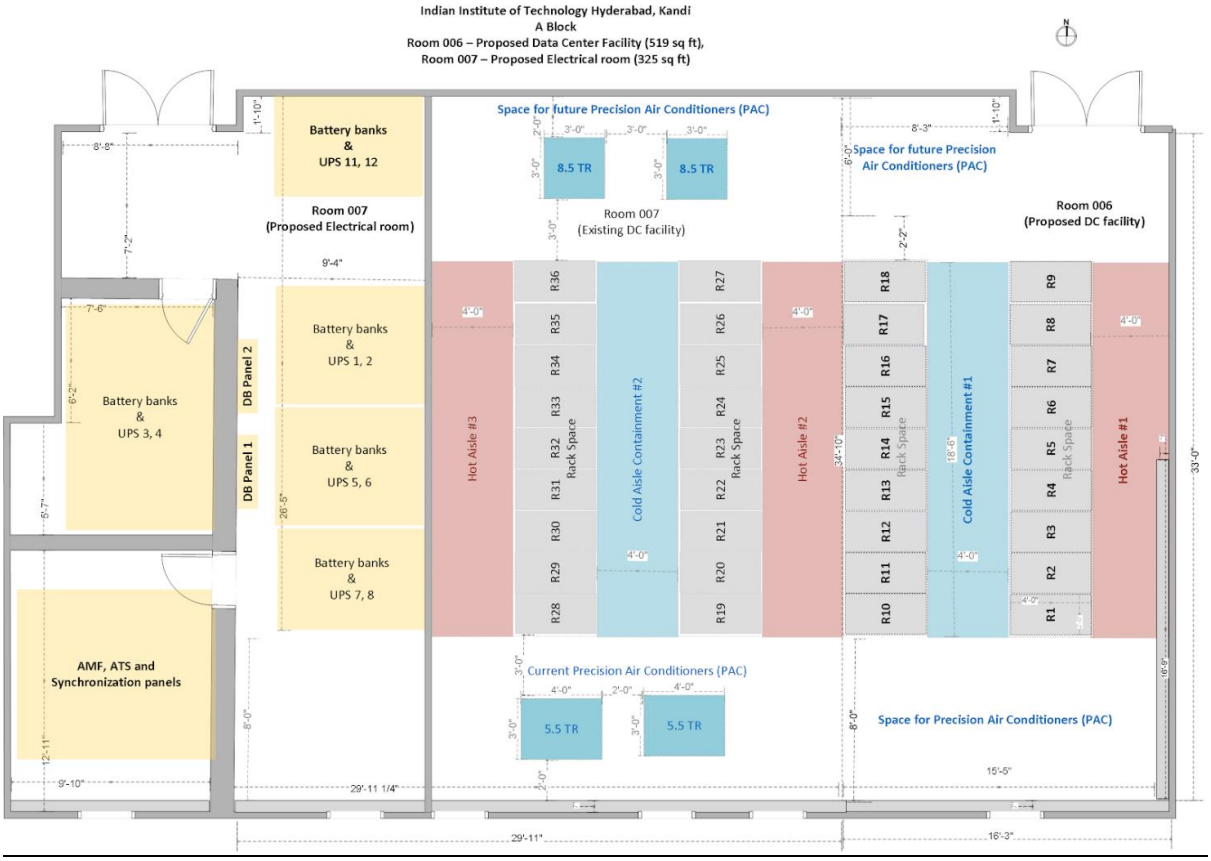


Figure-2. Proposed Layout:



Note: Bidders are encouraged to visit the site to understand the physical conditions before bidding for the work.

(END OF CHAPTER 5)

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CHAPTER-6 PRICE SCHEDULE FORMAT

Sl. No	Description of Item	Qty	Unit	Rate		Amount
				In fig	In words	
PART-A (Work)						
1	Supply, Installation, Testing and Commissioning (SITC) of 1 no. of 160kVA UPS System as per the specifications and scope given in Chapter-5 Table 5.2.1	1	Job			
2	Raw power and UPS power wiring, complete in all respects as required for commissioning of the UPS systems as per the specifications and scope given in Chapter-5 Table 5.2.2.	1	Job			
3	Supply, Installation, Testing and Commissioning (SITC) of Precision Air Conditioning System [Capacity: 2 no.s of 18 TR, Model: DX Based Bottom Discharge units] and complete HVAC system with all required accessories as per the specifications and scope given in Chapter-5 Table 5.2.3.	1	Job			
4	Supply, Installation, Testing and Commissioning (SITC) of Fire Alarm System as per the specifications and scope given in Chapter-5 Table 5.2.4	1	Job			
5	Supply, Installation, Testing and Commissioning (SITC) of Fire Suppression System (FSS) as per the specifications and scope given in Chapter-5 Table 5.2.5	1	Job			
6	Supply, Installation, Testing and Commissioning (SITC) of Rodent Repellent System as per the specifications and scope given in Chapter-5 Table 5.2.6	1	Job			
7	Supply, Installation, Testing and Commissioning (SITC) of Water Leak Detection system as per the specifications and scope given in Chapter-5 Table 5.2.7	1	Job			

8	Providing and fixing of Raised Flooring System as per the specifications and scope given in Chapter-5 Table 5.2.8	1	Job			
9	Miscellaneous civil works as per the specifications and scope given in Chapter-5 Table 5.2.8, Subhead 5.	1	Job			
	A. Total Amount:					
PART-B (Maintenance)						
10	Annual maintenance including all checks and monthly visits in addition to attending breakdown calls of UPS systems, Precision Airconditioning systems, Fire Alarm Systems, Fire Suppression Systems, Rodent repellent Systems, water leak detection systems with supply and replacement of defective parts during breakdowns, consumables etc during periodic servicing, conducting periodical services and preventive maintenance as per the manufacturer's recommendation excluding consumables which will be payable by the Institute on actuals, but including minor consumables like battery water, grease, nut bolts etc., during routine AMC checks. Breakdown calls are unlimited.					
	1st Year					
	2nd Year					
	3rd Year					
	B. Total Amount:					

Grand Total of Part A & B (in fig) : Rs

(in words) :

(END OF CHAPTER 6)

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ANNEXURE – A

BID SECURITY FORM

Whereas …… …… . . . (Hereinafter called "the tenderer") has submitted their offer dated …….. .for the supply of …… (Hereinafter called "the tender") against the purchaser's tender enquiry No. _____

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

THE CONDITIONS OF THESE OBLIGATIONS ARE:

If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.

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

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

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

Signature of the authorized officer of the Bank)

Name and Designation of the Officer

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ANNEXURE - B

MANUFACTURER'S AUTHORIZATION FORM

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

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

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

To: [Insert complete name and address of Purchaser]

WHEREAS

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

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

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

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

Title: [insert title]

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

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

ANNEXURE – C

PREVIOUS WORK ORDER LIST FORMAT

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

Signature and Seal of the Manufacturer/ bidder ……

Place:

Date:

ANNEXURE – D

BIDDER INFORMATION FORM

Company Name : _____

Registration Number : _____

Registered Address : _____

_____

Name of Partners /Director:_____

_____

City : _____

Postal Code :_____

Company's Establishment Year :_____

Company's Nature of Business :_____

Company's Legal Status

(tick on appropriate option)

1) Limited Company
2) Undertaking
3) Joint Venture
4) Partnership
5) Others (In case of Others please specify)

Company Category

1) Micro Unit as per MSME
2) Small Unit as per MSME
3) Medium Unit as per MSME
4) Ancillary Unit
5) SSI
6) Others (In case of Others please specify)

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CONTACT DETAILS

Contact Name :_____

Email Id :_____

Designation :_____

Phone No :(_____) _____

Mobile No :_____

BANK DETAILS

Name of Beneficiary : _____

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

Name of Bank : _____

IFSC NO. (Bank) : _____

Branch Address and Branch Code: _____

_____

Other Details

Vendor's PAN No. _____

Vendor's GST _____

ANNEXURE – E

DECLARATION REGARDING CLEAN TRACK/NO LEGAL ACTION

(to be provided on letter head of the firm)

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

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

Date: Authorized Signatory

Name:

Place: Designation:

Contact No.:

ANNEXURE – F

ACCEPTANCE OF TENDER TERMS
(To be given on Company Letter Head)

Date: DD/MM/YYYY

To,

The Director
Indian Institute of Technology Hyderabad
Kandi – 502 285.Telangana, India

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender' from the web site(s) namely _____as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents (including all documents like annexure(s), schedule(s), etc .,), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

ANNEXURE – G

NO RELATIONSHIP CERTIFICATE

(On Company Letterhead)

1. I/We hereby certify that I/We* am/are* related/not related(*) to any officer of IIT Hyderabad. (If Related provide the details of the employee)

2. I/We* am/are* aware that, if the facts subsequently proved to be false, my/our* contract will be rescinded with forfeiture of E.M.D and security deposit and I/We* shall be liable to make good the loss or damage resulting from such cancellation.

3. I//We also note that, non-submission of this certificate will render my / our tender liable for rejection.

Date:

Place:

Authorized Signatory
Name:

Designation:

Contact No.:

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ANNEXURE – H

FORMAT FOR SENDING PRE-BID QUERIES.

(Queries to be sent in the excel file only)

Name of the Company :

Representative of the Company

Sr. No	Chapter /Section/Clause	Existing Clause/Terms	Query
1			
2			
3			
n			

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ANNEXURE –I

CERTIFICATE
ON COMPANY LETTERHEAD

CERTIFICATE BY BIDDER- DPIIT REGISTRATION

“ I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, / if from such a county, has been registered with the Competent Authority (copy of the Registration Certificate enclosed) . I hereby certify that his bidder fulfils all requirements in this regard and is eligible to be considered.

Signature with Date and Stamp
Of the Bidder

भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Indian Institute of Technology Hyderabad
Kandi, Sangareddy - 502 285, Telangana, India
Phone: 040-23016071:
Email: office.stores@iith.ac.in/ ar.purchase@iith.ac.in/dr.snp@iith.ac.in

Checklist for BIDDERs

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

Envelope-1(Technical-Bid) (Following documents to be provided as single PDF file)				
Sl. No.	Documents	Content	File Types	Document Attached
1	Technical Bid	Proof of EMD Submitted on E-Wizard Portal	.PDF	(**Yes /No**)
2		Bank Guarantee as EMD issued by a Scheduled Bank as per Annexure- A (as applicable)	.PDF	(**Yes /No**)
3		Manufacturer's Authorization Form as per Annexure-'B'	.PDF	(**Yes /No**)
4		Previous supply order format as per Annexure-'C'	.PDF	(**Yes /No**)
5		Bidder Information form as per Annexure-'D'	.PDF	(**Yes /No**)
6		Declaration Regarding Clean Track/No Legal Action as per Annexure-'E'	.PDF	(**Yes /No**)
7		Acceptance Of Tender Terms as per Annexure- 'F'	.PDF	(**Yes /No**)
8		Relation Certificate as per Annexure- 'G'	.PDF	(**Yes /No**)
9		DPIIT Registration Declaration - Annexure 'I'	.PDF	(**Yes /No**)
10		A copy of the Un-priced Commercial bid	. PDF	**(Yes /No**)
11		List of deliverables as per Chapter- 5, along with the Technical Brochures and Commercial Terms and Conditions	.PDF	(**Yes /No**)
12		All documents as per Chapter 1 Point No - 5.1.	.PDF	(**Yes /No**)
13		All Documents as per Chapter 2 Point No 3 – Eligibility Criteria.	.PDF	(**Yes /No**)
Envelope-2(Financial-Bid)				
Sl. No.	Documents	Content	File Types	Document Attached
1	Financial Bid	Price bid should be submitted in .xls Format as per Chapter 6	.xls	(**Yes /No**)