



**ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**BHUBANESWAR- 751 003 , ODISHA, INDIA**

**Email: registrarouat@gmail.com; Tel: 0674-2397424, TeleFax- 0674-2397424 Visit us at: www.ouat.nic.in**

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No .CPC-01-OUAT/2020-21- 3258/UAT, Date: 12.2.21

**TENDER NOTICE**

Sealed tenders are invited from reputed manufacturers/authorized dealers having valid GST/PAN and Service Centers in India, preferably in Odisha, for supply, installation and commissioning of different items as specified in the tender document at different Colleges/Departments/Projects located at Bhubaneswar as well as at different parts of Odisha under Odisha University of Agriculture and Technology (OUAT). Interested firms have to download the tender documents from the official Website of OUAT at **ouat.nic.in** and submit the same along with the required tender fee as specified in the tender document.

The last date for receipt of tender bids by speed post (India post) is 21 days from date of notification of tender in OUAT web site i.e. last date is **4.3.2021**. For details of opening of bids, important information, terms and conditions, requirements, etc. please refer to the tender document available at **www://ouat.nic.in**.

**Sd/-  
Registrar  
O.U.A.T, Bhubaneswar 751003**

**TENDER PARTICULARS AND INSTRUCTIONS OF TENDER NOTICE**

**No .CPC-01-OUAT/2020-21- 3258/UAT,   Date: 12.2.21**

Tender Fee

(Non refundable)

Rs. 2000 per each item quoted of each group (Group: A, B, D & E)

Rs. 2000 for Group F

Rs.2000/each sub-group (chemicals/ glassware/ plasticware/ labwares/Gas) (Group: C)

**REGISTRAR  
ODISHA UNIVERSITY OF AGRICULTURE AND  
TECHNOLOGY BHUBANESWAR – 751 003**

## 1. IMPORTANT INFORMATION

1	Period during which tender document will be available on website www.ouat.nic.in	<b>From 12.2.2021 to 4.3.2021.</b>
2	Place of submission of Tender	Registrar, <b>OUAT, Bhubaneswar-751003</b>
3	Mode of Submission of Bids	By Indian Postal Speed Post Only
4	Closing date & time for receipt of tender	4.3.2021, 4 PM
5	Date & time of opening of Technical Bid	8.3.2021 at 10.00 AM
6	Place of opening of Technical Bid	Conference Hall, College of Agril. Engg. & Tech., Odisha <b>University of Agriculture &amp; Technology, Bhubaneswar-751003</b>
7	Mode of communication to Technically Qualified bidders	<b>By telephone, email or SMS</b>
8	Date & time of opening of Financial Bid	To be intimated to technically qualified <b>bidders by telephone, email or SMS</b>
9	Place of opening of Financial Bid	Conference Hall, College of Agril. Engg. & Tech., Odisha <b>University of Agriculture &amp; Technology, Bhubaneswar-751003</b>

## 2. SUBMISSION OF TENDER

The tenderer has to submit the tender in two parts for each item (for all groups);

**Part-I:Technical Bid**

**Part-II:Financial**

**Bid**

For Group A, B, C, D E & F  
PART- I - TECHNICAL BID

Submit technical bid **separately for each equipment/ instrument/ item** as per the given format (Table 1)

**It should include:**

1. A letter from the firms (the manufacturer and the authorized dealer) indicating that they have not been blacklisted/ debarred by any government department/ institute or State Agricultural University or any organization in India from sale and participating in tender/quotation.
2. Detail technical description of the equipment/apparatus as per the format appended (Table1). Failure to submit the bid in prescribed format is liable for rejection.
3. Printed literature indicating photographs and detail technical specification, working CD, Manual and their function must be attached.
4. Tender Document Fee in the form of applicable **Demand Draft drawn in favour of Comptroller, OUAT, Bhubaneswar payable at SBI, OUAT Campus branch**, Bhubaneswar-751003. The Tender Bid shall not be accepted without required Tender Document Fee.
5. A firm participating in more than one item needs to pay tender fee for each item for which bids are submitted, else the bid shall not be accepted.
6. It is necessary that specific brand, make, model, etc. shall be clearly mentioned in the Technical Bid for each item as per the format appended (Table1).
7. If the bid is submitted by an authorized dealer, then they must submit an authorization letter as per Annexure IV.
8. Separate list indicating recent users, name of users, address along with contact telephone number and e mail of users of the equipment (same make and model for which bid has been submitted) must be submitted in the technical bid for each item separately.
9. Letter from manufacturer indicating year of introduction of the item, period for which spare and service shall be provided and likely date of phase out of the item must be submitted.
10. Letter indicating that the quoted item is new and has not been tampered.
11. Letter indicating the country and place of origin and assembly of the item.
12. Letter from manufacturer indicating that the manufacturer shall provide after sales service during Warranty/Comprehensive Annual Maintenance Contract/Annual Maintenance Contract period if the authorized dealer/bidder fails to provide same.
13. The duly filled technical bid along with all supporting documents must be submitted in hard copy as well as soft copy in the form of pen drive (soft copy should be mirror copy of the hard copy as per table 1 in MS word version 2007 format with clear mention of name of firm, tender sl. no., Technical bids has to be clearly written on the top of the pen drive), else the bid may be rejected.
14. All the electrical/electronic equipments should have a provision to be operated as per Indian electricity supply.

**Table 1: Format for submission of detail specification for each item**

Name of firm with complete address, email & contact no/fax	Sl. No. of the item as per tender document	Name of the quoted item	Make and Model	Technical specification as in tender documents	Conformation of technical specifications in the quoted model (yes/no)	Deviation in specifications of the quoted mode	Justification for deviation	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

1. Mention name of the bidder/firm with complete postal address, email, contact number/fax at column '1'
2. Specify the serial number of the item as per the tender document at column '2'
3. Mention the item's name as per the tender specifications at column '3'
4. Specify make and full make and model name along with model number, if any at column '4'
5. Mention the technical specifications of the item as per tender document for which bid has been submitted in the same sequence as per tender document at column '5'.
6. In the 6<sup>th</sup> column write 'yes' against each specification of the 5<sup>th</sup> column, if the specification of the offered model confirms, otherwise write 'No'
7. In the 7<sup>th</sup> column, specify deviations in specifications of the quoted model from the specifications mentioned (same as mentioned in tender document) at column '5'.
8. In the 8<sup>th</sup> column, specify justification for deviation.
9. The additional specifications, if any along with other comments may be specified at column '9'

### 3. PART-II- FINANCIAL BID

1. Price should be quoted in Indian Currency only except for imported items.
2. For imported items, bids should be submitted in two parts;
  - (i) in Indian currency, which should include cost, rate and amount of discount. The taxes, packing, forwarding, transportation and other levies FOR destination must be mentioned separately.
  - (ii) In foreign currency indicating cost, rate and amount of discount, rate & amount of customs duty as per DSIR Certificate, customs clearing charges, packing, forwarding, insurance, transportation and any other taxes and levies FOR destination, separately
3. EMD @2% of the quoted value (inclusive of all taxes & levies FOR destination).
4. EMD to be submitted separately for each item. Firms submitting one EMD for many items shall be liable for rejection.
5. NSIC/ SSI/ SME units are exempted for submitting Bid Security/ EMD as per Govt. of India order for specific item for which they have registration. Such firms will submit the cost of tender paper, which shall not be considered for exemption.
6. **An undertaking indicating that the quoted make and model have not been sold to any other organization in India at lower price both by the manufacturer and the firm submitting the bid.** Undertaking needs to be submitted by the manufacturer and supplier in this regard. The undertaking should also include the text that "If it is found later that the quoted make and model have been supplied to other organization/ firm at lower price than the offer price to OUAT, then the difference of cost shall be recovered from the bidder and the bidder may be blacklisted".

7. Detail of basic cost of item, cost of mandatory, auxiliary and consumable parts including pre-requisite parts, civil works required for successful installation and demonstration, all taxes including customs duty and/or sales tax, packing, insurance, forwarding and any other charges as per the Table2.
8. The detailed price break up for each make and model quoted should be given in separate sheet as per Table 2.
9. The price quoted should be onsite delivery price to different offices/departments of OUAT situated throughout Odisha.
10. For imported items customs duty against DSIR certificate, customs clearing charges and local transportation, etc. if any, should be clearly mentioned, otherwise offer may not be accepted.
11. The cost of packing, forwarding, insurance etc. must be mentioned separately in exact figure(it should not **be written "as applicable"**)
12. GST and other government taxes shall be paid as per government rule and need to be mentioned separately.
13. The exact figure of percentage of discount offered as applicable to non-profit, non-commercial government educational institute.
- 14. It should contain letter confirming 3-years onsite warranty from manufacturer (if warranty is less than 3 years, then the additional cost of onsite Comprehensive Annual Maintenance Contract with zero financial liability to the University must be included for calculating 3 years warranty), else the bid may not be accepted.**
15. The warranty of 3 years is not applicable for soil engaging parts like tynes, shovels, and blades. Etc. excluding manufacturing defects.
16. The tenderer must submit a letter from manufacturer stating that if the authorized dealer/ bidder fails to provide after sales service during warranty, Comprehensive Annual Maintenance Contract or Annual Maintenance Contract, the manufacturer shall provide onsite after sales service as per warranty and comprehensive annual rate contract or annual maintenance contract without any financial liability to the university and any precondition what so ever.
17. The cost of AMC beyond warranty period (year wise at least for 5 years beyond 3 years mandatory warranty).
18. Clear copy of PAN & GSTIN (provisional copy shall not be accepted) showing the registered number and photograph (where applicable).
19. The duly filled financial bid as per table 2 along with all supporting documents must be submitted in hard copy as well as soft copy in the form of pen drive (in soft copy should be mirror copy of the hard copy as per table 1 in MS word version 2007 format with clear mention of name of firm, tender sl. no., Financial bid has to be clearly written on the top of the pen drive), else the bid may be rejected.
20. Submit financial bid separately for each equipment/instrument as per the given format (Table2).
21. Clubbing of many items together shall be liable for rejection.

**Table 2: Format for submission of Financial Bid**

1	Name of the firm with complete address, email & contact no/fax	
2	Tender Sl. No	
3	Item with Make & model	
4	Technical specification as per technical bid submitted by the firm	
5	Basic Price of each	
6	Total cost	
7	Educational discount	
8	Price after discount	
9	GST/Customs duty (if any)	
10	Customs clearing charges (if applicable)	
11	Packing, forwarding and insurance charges (if any)	
12	Any other Charges (if any including cost of installation, civil works, if	

	any )	
13	On Site Delivery price	
14	Account details to which the EMD amount will be refunded as per norms (Name of the account holder, Account number, Bank and Branch name, IFSC and MICR code.)	

1. Mention name of firm with complete address, email, fax, telephone no at sl.no.'1'
2. Mention tender sl. no. at sl.no.'2'
3. Mention the name of item, make, model, mandatory, auxiliary and consumable parts including prerequisite parts at sl.no.'3'
4. Mention technical specification of each part as mentioned at sl.no. '3' at sl.no.'4'
5. Mention basic price of each item at sl.no.'5'
6. Calculate the total cost and mention at sl.no.'6'
7. Mention rate and amount of maximum educational discount (OUAT is a non profit, non commercial educational institute and hence maximum discount as applicable should be given) on total cost and mention at sl.no.'7'
8. Calculate price after discount (sl. no. 6 minus sl. no. 7) and mention at sl. no.'8'
9. Mention rate and amount of GST/customs duty (if applicable) at sl.no.'9'
10. Mention rate and amount of Customs clearing charges (if applicable) to be mentioned at sl.no.'10'
11. Mention packing, forwarding and insurance charges (if any) atSl.No.'11'
12. Mention rate and amount of any other charges (if any) at sl.no.'12'
13. Specify final onsite delivery price at sl.no.'13'
14. Indicate details of bank account to which the EMD shall be refunded atSl.no.14

#### 5. TERMS AND CONDITIONS FOR SUBMISSION OF BIDS

1. ***The tenderers who have earlier submitted tenders in response to tender notice No .CPC-01-OUAT/2020-21, 17210/UAT, dated 11.12.2020 for specific items need not submit tender again for the same items.***
2. All offers and communications should be in English only.
3. The hard copy of tender document available with the Registrar, OUAT/Chairman, Central Purchase Committee, OUAT, Bhubaneswar shall be treated as final and binding.
4. Each part of bid (Technical or Financial) along with all required documents and fees has to be put inside separate sealed envelope with clear mention over it about name and address of tenderer, the type of bid (Technical bid or Financial bid), tender sl. no. & items for which bid has been submitted. Both the sealed envelopes (Technical bid and Financial bid) have to be put inside another sealed envelope with clear mention of the name and address of the tenderer, tender sl. no. & name of the item, for which bid has been placed inside.  
Tenderers quoting for more than one item have to follow the same procedure for each item quoted. Clubbing of many items together shall be liable for rejection.
5. The sealed envelope must show the name of the tenderer, his address and should be subscribed as "Tender Sl. No", whatever is applicable on the top of the envelope.
6. The tenders should be addressed and submitted to Registrar, Odisha University of Agriculture & Technology, Bhubaneswar-751003, Odisha on or before the date specified at page 2 of this document and will be opened in the conference hall/ Gallery, College of Agricultural Engineering & Technology, OUAT, Bhubaneswar 751003 in the presence of the tenderers or their authorized representatives, as may be desired as per the date and time mentioned earlier. Tenderer or their authorized representative should submit ID proof and authorization letter before entry into the Conference Hall for participation in the Opening of Tenders failing which they will not be allowed to be present in the opening of Tender Bids.

7. Tender bid (both soft and hard copy) should be sent by SPEED POST (India post) only. Tenders sent by other than SPEED POST (of India post) shall not be accepted.
8. Authorised dealers/representative other than manufacturer should produce authorization letter from the manufacturer for participation in the Tender failing which the offer will be summarily rejected. The certificate so furnished should clearly incorporate the period for which such authorization is valid.
9. Tenders shall be fully in accordance with the requirements of the terms and conditions and accompanied with the technical specification, detailed leaf lets and make attached the reto. Incomplete tenders will be rejected. Telegraphic tenders will not be accepted.
10. Submission of more than one tender by a particular tenderer under different names is strictly prohibited. In case it is discovered later on that this condition is violated, all the tenders submitted by such tenderers would be rejected or contract cancelled and earnest money deposit forfeited.
11. Warrantee period, delivery period and post-sale service condition etc. have also to be indicated. The rate to be quoted should be "at onsite destination" inclusive all packing and forwarding charges, all levies and taxes. The rate of such charges also be indicated separately.
12. Firms submitting bids have to accept that the rates and the conditions of the offer will remain valid for at least one year from the date of rate contract or till the next rate contract is made, whichever is earlier. The rate contract for glass wares/chemicals/plastic wares/lab ware and gases will be valid till 31<sup>st</sup> March, 2022 or till the next rate contract is made.
13. After submission of the tender bids, no change or alteration of the terms and conditions, quoted price will be acceptable on any account.
14. Tenders submitted with over writing or erased or illegible rate/rates will be rejected.
15. Request from tenderers in respect of addition, alteration, modification, corrections, etc. of either terms or conditions or rate after opening of the tender may not be considered.
16. Tenderers shall carefully examine the terms and conditions of the tender documents and submit an undertaking with authorized signature indicating that they are submitting the bid(s) by accepting all terms and conditions laid down in this tender document.
17. Should a tenderer find discrepancies in or omissions from the specification or other documents or would thereby any doubt as to their meaning should at once notify the Registrar/Chairman, Central Purchase Committee-2020-21, OUAT, Bhubaneswar 751003 and obtain clarification in writing. This however, does not entitle the tenderers to ask for time beyond the due date fixed.
18. Verbal clarification and / or information given by the purchaser or its employees or representatives shall not be binding on the purchaser.
19. While, tenders under consideration, tenderers and their representative or other interested parties are advised to refrain from contacting by any means to the purchaser's personnel or representatives on matter relating to the tenders understudy.
20. Submission of sealed tender will carry with the implication that the tenderer agrees to abide by all the conditions laid down in this tender.
21. The purchaser, if necessary will obtain clarification on tenders by requesting such information from any or all the tenderers either in writing or through personal contact as may be necessary.
22. The undersigned reserves the right to reject any tender on the basis of Technical Bid or accept any tender for a better Technical specification than published in the tender document.
23. In case any tender is rejected on the basis of Technical Bid, the Financial Bid corresponding to that tender will not be opened by the tender committee and would be returned as such to the tenderer.
24. The Registrar, OUAT reserves the right to call for price negotiation of any item, if the price found to be in higher side. In such cases the firm quoted lowest price shall be called for negotiation. If the offer of lowest quoted bidder is not acceptable to Registrar, OUAT, then the Bidder having the next higher price shall be called for negotiation. The Registrar, OUAT reserves the right to call any bidder



- for negotiation if price quoted found to be on higher side.
25. Tenderers violating any guidelines shall be liable for rejection.
  26. The successful tenderer has to intimate the indenting officer about the site requirement and any other requirement at least 2 weeks before supply of the equipments.
  27. For same item rate contract may be awarded to more than one firm based on quality parameter.
  28. The rate contract of a particular item does not give guarantee that the item shall be purchased. Purchase shall be made as per the requirement and fund availability.

**The timelines and terms and conditions must be adhered to strictly.**

**University will give preferences to those bidders when bids are received directly from the manufactures. However, in some cases of merit, the University may take considerate view for supply by the manufacturers through the authorized dealers.**

**Registrar, OUAT has the right to cancel any bid (technical or financial) without assigning any reason thereof.**

## **6. GST**

Odisha University of Agriculture and Technology is a non-profit, non-commercial premier institute engaged in teaching, research at undergraduate, postgraduate and PhD level and as such, we do not have any commercial license. **GST identification number of our university is 21AAAJO0250C1Z1.**

Odisha University of Agriculture and Technology, Bhubaneswar is also registered with the Department of Scientific and Industrial Research (DSIR regn no. TU/V/RG-CDE (421)/2013, dated 21st February,2017 valid up to 31st August 2021) for purposes of availing Custom Duty exemption and IGST-SGST exemption. Accordingly, the GST calculation may be made on the concessional rate. GST must be calculated as per 23rd GST council meeting and amended from time to time applicable for public funded research organization with valid DSIR certificate.

## **7. CUSTOMS DUTY EXEMPTION**

Odisha University of Agriculture and Technology, Bhubaneswar is registered with the Department of Scientific and Industrial Research (DSIR regn. no. TU/V/RG-CDE (421)/2013, dated 21st February,2017 valid up to 31st August 2021) for purposes of availing Custom Duty exemption and IGST-SGST exemption. The applicable amount of customs duty/ GST for our University against DSIR certificate should be mentioned in the financial bid. For details, please refer to PART-II-FINANCIAL BID as mentioned earlier of this document.

## **8. DISCOUNT**

OUAT is a non-profit, non-commercial pioneer institution in the field of teaching, research and extension in agricultural and allied fields. As such the University avails price discount for purchase of equipment/ instruments, etc. The maximum rate of discount on each equipment/ instruments may also be indicated in the tender specifically.

## **9. SUPPLY**

The materials indented would be delivered by the supplier to such indenting Officers/ Departments/ Research Projects located at Bhubaneswar and at different parts of Odisha without any additional cost. The items should confirm to the latest relevant, National/International standards and shall be complete in all respect.

Any components, fittings, etc. which may not have been specifically mentioned in the tender specifications but are usual and necessary for successful installation and demonstration shall be supplied by the tenderer at no extra cost if not quoted.

The cost of article damaged in transit or found short at the time of delivery will be deducted from the bill of the firm, in case the firm does not replace the stock within a week from the date of receipt of complaint over post, email, phone or fax.

In case any firm supplies goods of inferior quality which is not in conformity with the approved specifications, the entire stock supplied by the firm will be rejected and the purchaser will not be responsible for any loss sustained by the tenderer on that account.

The articles against all the indents placed by the indenting officer must be supplied in one lot within the period specified in the indent, failing which the earnest money deposit will be forfeited.

Conditional offers and offers qualified by such vague and indefinite expression as "subject to immediate acceptance", "subject to prior "will not be considered.

Registrar, OUAT has the right to cancel any bid (technical or financial) without assigning any reason thereof.

## 10. AFTER SALES SERVICE

The manufacturer or their authorized dealer (with written permission from the manufacturer) should also sign an agreement with the indenting official in Rs.100.00 court stamp paper (to be borne by the bidder) in presence of Magistrate/Notary regarding after sales conditions (Annexure-V) at the time of supply, else payment shall be held up till such agreement is signed and the cost involved shall be borne by the manufacturer or supplier.

During the warranty period and subsequently, after agreement of AMC, the supplier shall attend to the problems reported by the users of OUAT on a priority basis. For any problem reported, the supplier shall attend within 2 days and rectify the problem within a week. In case of any major breakdown during the warranty period, the supplier will make all necessary arrangements to replace/rectify the supplied equipments/parts within two week of the complaint. Complaint on any problem will be informed through message, phone, fax or mail number given by the supplier. The supplier will maintain an inventory of all essential spares and accessories for a minimum period of 8 years from the date of installation.

## 11. WARRANTY

The item's being purchased are expected to be used continuously. The reliability and safety of the total installed system and trouble-free operation are, therefore, of prime importance. The supplied devices/ item and components shall be covered under Three-Year Comprehensive On-site Warranty from the date of successful demonstration at site (**if warranty is less than 3 years then the additional cost of onsite Comprehensive Annual Maintenance Contract with zero financial liability to the University must be included for calculating 3 years warranty**). This should be taken into consideration while quoting the price. Warranty of equipment shall start from the date of successful installation and demonstration at site and not from the date of invoice or sale. Specific warranty requirement (other than 3 years comprehensive) for some items is indicated in respective items.

If the bid is submitted by an authorised dealer/ agent, then he should submit a letter from Manufacturer stating that if the authorized dealer/bidder fails to provide after sales service during warranty, Comprehensive Annual Maintenance Contract or Annual Maintenance Contract, the manufacturer shall provide onsite after sales service as per warranty and comprehensive annual rate contract or annual maintenance contract without any additional cost and any precondition what so ever.

During Warranty/ CAMC period, it shall be the responsibility of the bidder/authorized dealer or manufacturer to provide all essential spares, which may be required for maintenance and trouble-free operation of the devices/components at the supplier's cost.

## **12. ANNUAL MAINTENANCE CONTRACT**

The period of warranty is to be calculated from the date of successful installation/ demonstration at site. The bidder/ authorized supplier/ manufacturer shall be under the obligation to enter into an Annual Maintenance Contract (AMC) beyond warranty period (at least for 5 years beyond 3 years warranty) with respective indenters for a minimum further period of five years, renewable if felt necessary, on mutually acceptable rate, terms and conditions after the completion of Warranty period of three years. The scope of AMC shall cover at least 2 periodic maintenances and attending breakdown of equipments. The indenting officer shall have to arrange/ bear the cost of spares required. All cost towards visiting of engineer and technicians or any other person from the company shall be included in the AMC. Accordingly, the bidder has to offer rates for the AMC structure year-wise in a separate sheet.

## **13. TRAINING**

Both onsite and off-site training to be provided up to the satisfaction of the user/users and all the cost involved shall be borne by the supplier.

## **14. EARNEST MONEYDEPOSIT**

Tenderers shall have to deposit earnest money of 2% of their quoted value (onsite delivery price which shall include cost of equipment including packing, forwarding, insurance, all taxes and levies) of each equipment/ instrument/ apparatus in shape of Bank draft/ Banker's cheque duly pledged in favour of the Comptroller, OUAT, Bhubaneswar- 751003, Odisha payable at State Bank of India, OUAT campus branch, Bhubaneswar – 751003 (IFS code: 0003341) failing which the tender offer will not be accepted at the time of opening of the tender. No request for adjustment of claims, if any, will be accepted.

As per Government of Odisha (Industry Department) Rules, the small scale industries situated in Odisha are exempted from deposit of EMD for particular item for which they have been registered with EPM. Such firms should submit the documents of registration and other related papers along with their offer.

The earnest money deposit of unsuccessful tenders will be refunded as soon as possible after the tenders are finalized.

EMD of the successful bidders shall be refunded after the validity of rate contract period. However, if the successful bidder has supplied equipment as per the rate contract to any of the establishments of the University, then the EMD will be refunded after completion of the warranty period of the equipment/ accessories etc.

No one should submit a tender who is unable to furnish earnest money as indicated above and to supply the item within the specified period as indicated in the indent/ order issued further quantity in his favour.

In case the items supplied are not found up to the specification and rejected, the supplier should be intimated to take back his stock at his own cost within 3 days from the date of rejection and to replace the same within a week failing which the cost there of will be recovered from his pending bills/EMD.

The supplier shall be responsible for releasing the item from carrier/transporters. The item shall be delivered and installed at the respective place of indent.

## **15. TAX DEDUCTION AT SOURCE**

If the supplier makes intra-state supply (i.e., charges under CGST and SGST in the invoice), TDS shall be made @1% under CGST and 1% under SGST, totaling to 2%. But if the supplier makes inter-state supply (i.e., charges tax under IGST in the invoice), TDS shall be made @2% under IGST. The deducted GST shall be deposited into their GST account by the comptroller, OUAT.

## **16. PERFORMANCE SECURITY**

The successful bidders awarded with order should produce Performance Security for an amount of 10% of the value of the contract. The performance security may be furnished in the form of an account payee demand draft, fixed deposited

receipt from a commercial bank, bank guarantee from a commercial bank in an acceptable form. The Model Bank Guarantee format is at Annexure –I. Performance security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligations.

#### **17. PAYMENT**

Full payment of contract price/ billing price shall be paid on receipt of materials at site on verification/ installation/ demonstration thereof and receipt of performance security (annexure I). Bidder /Firm seeking advance payment have to submit Bank guarantee equal to the advance amount (annexure II).

#### **18. PENALTY**

In the event the compliance is not attended to and rectified as per prescribed time under clause AFTER SALES SERVICE, the supplier will be liable to a penalty @ 0.5 % of the purchase cost of the item per day till the equipment is brought to functional condition.

#### **19. RIGHT TO ACCEPT/ REJECTION OF BIDS**

The right of acceptance of bid and/ or awarding contracts rests with the purchaser. The purchaser shall also reserve the right either to reject or accept any/or all tenders, split the orders between different tenders. The purchaser has exclusive right to alter the quantities of materials at the time of placing the final purchase order.

#### **20. SETTLEMENT OF DISPUTE**

Suits, if any arising out of the contract shall be filled by either party in a court of law to which the jurisdiction of the High Court of Odisha extends.

Registrar  
O.U.A.T, Bhubaneswar 751003

## 21. IMPORTANT INSTRUCTIONS

### PLEASE READ CAREFULLY BEFORE FILLING UP THE TENDER FORM

1. Tenderer should obtain and/or download and carefully examine the above Notice Inviting Tender and the Tender document, including amendments, if any, and unconditionally agree to all the terms and conditions indicated in the tender enquiry documents and subsequent amendments.
2. The final Hard Copy of the Tender Document retained in the records of the Registrar, OUAT / Chairman, Central Purchase Committee 2020-21 will be deemed authentic in case of any dispute at any stage
3. The following tenders shall be ignored:
  - a) Tenders submitted by those who do not meet the eligibility and qualification criteria
  - b) Tenders sent by fax/ telex/ cable/ email/ hand delivery or by courier service
  - c) Tenders that do not meet the basic requirements
  - d) Tenders which have minor infirmities/ irregularities and the tenderer does not respond to clarifications sought by the purchaser within the time specified by him
  - e) Tenders where, in the opinion of the purchaser, there is an arithmetical inaccuracy in the price bid and the tenderer does not agree with the Purchaser
  - f) Incomplete tenders
  - g) Tenders received without the EMD and tender fee
  - h) Blacklisted/debarred companies/dealers/representatives by Govt. of India, any State Agricultural University or any state/union territory of India.
- 4 Any tender may be rejected, if:
  - a) The bid price is directly or indirectly indicated in the technical bid
  - b) Tenderer fails to provide required information or provide incorrect information or fail to comply with the instructions in the Tender Document
  - c) The technical specification have not been submitted in the manner indicated in the Tender Document (Table 1)
  - d) The prices are not quoted in the manner indicated in the Tender Document (Table 2)
  - e) On verification, the data/credentials furnished by the tenderer are found to be incorrect or any adverse report on requisite financial condition has come to the knowledge of the Purchaser
  - f) Tenderer attempts to influence the Purchaser's decision during scrutiny, comparison and evaluation of tenders and award of contract
  - g) Tenderer is disqualified on the grounds of national security or public interest.
5. Purchaser is not bound to accept the lowest or any tender that may be received against the above-referred tender enquiry.
6. Until a contract is signed, this tender form submitted by the tenderer read with its acceptance by the Purchaser constitutes a binding contract between them.

Having carefully gone through the above instructions, the Tender Notice and the Tender Document, we, M/s ..... (name and complete address of the tenderer), the tenderer, agree to all the terms and conditions mentioned therein and hereby, make the following offer to supply goods and perform services as per the list requirements, delivery schedule and in conformity with all other conditions in the tender document and amendments thereto.

Authorised Signature with name, designation & Seal

**22. INFORMATION TO BE SUBMITTED BY TENDERER (BIDDER)**  
**(INFORMATION SHEET OF BIDDER)**

1. Name of the tenderer \_\_\_\_\_
2. Address \_\_\_\_\_
3. Email \_\_\_\_\_
4. Phone \_\_\_\_\_ Fax \_\_\_\_\_
5. Income Tax Permanent Account Number(PAN): \_\_\_\_\_
6. GST No. \_\_\_\_\_
7. Name and designation of the person signing and submitting the bid on behalf of the tenderer \_\_\_\_\_
8. Has the person at 7 above been authorised by a Resolution of the Board of Directors of the Tenderer Company to sign and submit this tender?(Yes/No)
9. Name and complete address of the Tenderer's bankers:
  - a) .
  - b) .

**Authorised Signature with name, designation & Seal**

23. BANK GUARANTEE FORM FOR PERFORMANCE SECURITY

The Comptroller

Odisha University of Agriculture & Technology  
Bhubaneswar 751003

WHEREAS ..... (Name and address of the Supplier) (herein after called “the Supplier”) has undertaken, in pursuance of purchase order no..... dated .....to supply ..... (description of goods and services) (herein after called “the contract”).

AND WHEREAS it has been stipulated by you in the said purchase order that the Supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with and due performance of the contract;

AND WHEREAS we have agreed to give the Supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you on behalf of the Supplier, upto a total of Rs.

..... (amount of the guarantee in words and figures), and we hereby irrevocably and absolutely undertake to pay you immediately, upon your first written demand declaring the Supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sums specified therein.

We hereby waive the necessity of your demanding the said debt from the Supplier before presenting us with the demand.

We agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the Supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

The Bank guarantee shall be interpreted in accordance with the laws of India.

The Guarantor Bank represents that this Bank Guarantee has been established in such form and with such content that is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

The Bank Guarantee shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the Guarantor Bank or the Supplier.

The Bank further undertakes not to revoke this Guarantee during its currency except with the previous express consent of the Purchaser in writing.

The Bank declares that it has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorized and has full power to execute this Guarantee for an on behalf of the Bank. This guarantee shall be valid up to and including the ..... day of ....., 20.....

.....

(Signature with date of the authorised officer of the Bank)

.....

Name and designation of the officer

.....

Seal, name & address of the Bank and address of the Branch

**24. BANK GUARANTEE PROFORMA FOR ADVANCEPAYMENT  
(ON NON-JUDICIAL STAMP PAPER OF AN APPROPRIATEVALUE)**

**The Comptroller**

Odisha University of Agriculture & Technology  
Bhubaneswar 751003

Dear Sir, we \_\_\_\_\_(name & address of bank) hereby refer to the Purchase Order no \_\_, dated \_\_\_\_\_ and pro-forma Invoice/Bill no \_\_ dated \_\_ between \_\_\_\_\_ (Name & address of indenting officer), herein after called as indenter and M/s \_\_\_\_\_, herein after called as supplier in terms of the tender No. \_\_\_\_\_ for supply of \_\_\_\_\_ with onsite delivery price of \_\_\_\_\_.

This guarantee shall be construed as an irrevocable, absolute, unconditional and direct guarantee for an amount of Rs.

\_\_\_\_\_ Without regard to the validity, regularity or enforceability of any obligation of the parties to the purchase order & proforma invoice/bill.

The Comptroller, shall be entitled to enforce this guarantee without being obliged to resort initially to any other security or to any other remedy to enforce any of the obligations herein guaranteed and may pursue any or all of it remedies at one or at different times.

Upon default of the supply & successful installation and demonstration at indenter site, we agree to pay to the Comptroller, OUAT, Bhubaneswar on demand and without any demur the sum of Rs. \_\_\_\_\_ or any part thereof, immediately upon presentation of a written statement by the Comptroller, OUAT, Bhubaneswar that the amount of said demand is due from the Supplier to the \_\_\_\_\_ (Indenting officer), OUAT by virtue of breach of supply, installation & demonstration by the Supplier under the terms of the aforesaid purchase order & pro-forma invoice/bill. Notwithstanding any dispute or disputes raised by the supplier in any suit or proceeding pending before any Court or Tribunal relating thereto, liability under this present guarantee is absolute and unequivocal.

The determination of the amount due under the guarantee shall be in the sole discretion of the Comptroller, OUAT, Bhubaneswar whose decision shall be conclusive and binding on us as guarantor. It is mutually agreed that the Comptroller, OUAT, Bhubaneswar shall have the fullest liberty without affecting in any manner our obligation hereunder with or without our consent to vary any of the terms of the said purchase order or to extend the time for performance by the Supplier, from time to time any of the powers exercisable by the Comptroller, OUAT, Bhubaneswar against the Supplier and either to forebear or enforce any of the terms and conditions relating to the said Purchase Order and we shall not be relieved from our liability by reasons of any variation or any extension being granted to the Supplier or for any forbearance, act or omission on the part of the Comptroller, OUAT, Bhubaneswar or any indulgence by the Comptroller, OUAT, Bhubaneswar to the Supplier or by any such matter or thing whatsoever which under the law relating to the sureties would but for this provision have effect of so relieving our obligation.

This guarantee is confirmed and irrevocable and shall remain in effect until \_\_\_\_\_ and such extended periods, which may be mutually agreed to.

We hereby expressly waive notice of any said extension of the time for performance and alteration or change in any of the terms and conditions of the said Purchase order. This guarantee will not be discharged due to change in constitution of the Bank or the Contractor. We \_\_\_\_\_ (Name of the Bank) undertake not to revoke this guarantee during its currency without written consent of the authority. This guarantee will not be discharged due to change in the constitution of the Bank or the Supplier.

Very truly yours,

-----

(Name, Seal & Authorised Signature of the Bank and date)



25. MODEL CERTIFICATE OF INSTALLATION

No. \_\_\_\_\_ Dated

1. Reference : Purchase Order No.....Dt..... Invoice no.....Contract No. ....dt.....

2. It is certified that

- a. M/s \_\_\_\_\_ have completed installation of \_\_\_\_\_ (name of equipment) on \_\_\_\_\_ [date(s)] and Site Acceptance Test (SAT) and other inspection & tests, as stipulated in the purchase order on, \_\_\_\_\_ [date(s)] to the satisfaction of the Purchaser and user at the designated site \_\_\_\_\_ (name of the site).
- b. Records of SAT and other inspection & tests are annexed to this Certificate.
- c. Sample test, Software, Instruction Manual & Technical Manual, Soft & hard copies of Documentation, etc. have been taken over (all documents required to be delivered at the time of SAT).

**For Tenderer**

**For Purchaser**

**Witness:**

**Witness:**

**Signature**

**Signature**

**Name**

**Name**

**Designation**

**Designation**

**Address**

**Address**

**Date**

**Date**

26. MANUFACTURERS AUTHORIZATION CERTIFICATE

To

We..... (name of complete address of manufacturer) is the manufacture of the following equipment.

- 1.....
- 2.....

We hereby grant our authorization to M/s ..... (complete name and address of dealer/ representative) ..... to submit, participate and finalise bid in response to your Tender Notice no \_\_\_\_\_/CAET, dt./2020

We also give guarantee that M/s ..... (name and complete address).. is our authorised service centre situated in the state of Odisha/Eastern Region of Odisha and shall provide aftersales service during Warranty/CMAC/AMC period. In case M/s ..... (name and complete address) fails to meet the after sales service during Warranty/CAMC/AMC period, we shall be liable to provide after sales service during Warranty/CAMC/AMC period directly.

**Undertaking:**

The Company hereby agrees not to withdraw the authorization or dealership for the sales & service of the above equipment up to at least 3 years from the date of the successful installation at your organization. In case, it happens for the reason whatsoever the company also agrees to take the responsibility for providing the service with spares itself through its other dealer or agent in India at the same terms & conditions and price submitted by our above current agent or dealer. In case of defaulting, we will be penalized under the Laws of Union of India.

**Authorized Signatory**  
(having the power of Attorney on behalf of the Manufacturer)

**Name:**

**Designation:**

**Name of the Company/ Firm:**

**Complete Postal Address:**

**Telephone no(s):**

**Fax:**

**E-mail:**

**Website:**

## 27. AGREEMENT

This Memorandum of Agreement hereinafter referred to as agreement signed this \_\_\_\_\_//2020 by and between .....the Odisha University of Agriculture and Technology, Bhubaneswar – 751 003 (hereinafter referred to as OUAT) having its office at Bhubaneswar – 751 003 here represented by the ..... (Indenting Officer) as the first part.

AND

\_\_\_\_\_ (name of firm), (hereinafter referred to as \_\_\_\_\_) having their registered office at \_\_\_\_\_ (address), and represented by \_\_\_\_\_ (name, designation and address) (hereinafter referred to as \_\_\_\_\_) which shall include and mean their successors, assignees, administrators, executors as the second part.

Both the parts have agreed to the followings:

#### REQUIREMENT BY SUPPLIER AT THE TIME OF SUPPLY

Each equipment is to have permanently attached to it a rating plate on non-corrosive material in a conspicuous position, upon which the total specifications along with the manufacture's name, address etc. are to be engraved.

All the equipment are to be suitably protected, covered in water proof packing and crated to prevent damage or deterioration during transit and storage till the time of installation. The supplier shall be responsible for any loss or damage during transportation, handling or storage due to improper packaging and shall replace such damage parts without extra cost.

#### SUPPLY AND DELIVERY

The materials indented would be delivered by the supplier to the indenting officers. The equipment should conform to the approved Specifications and shall be complete in all respect. Any component, fitting etc. which may not have been specifically mentioned in the specifications but which are usual and necessary for the equipments shall be supplied by the supplier at no extra cost.

Articles damaged in transit or found short at the time of delivery/ installation should be immediately replaced to make the whole item operational.

In case the items supplied by the supplier are not found as per the specification and rejected at the time of installation, testing and commissioning, the supplier shall replace the same at once at his own cost for satisfactory performance.

The articles against the indent placed by an indenting officer must be supplied in one lot within the period specified in the indent failing which EMD deposit will be forfeited.

Delivery, installation, testing and commissioning should be completed within 20 days from the date of order.

The supplier shall be responsible for releasing the equipments from the carriers/transporter without any additional charge. After successful completion of installation and commissioning of the equipment by the supplier at the site, the performance of the equipment shall be demonstrated for trouble free continuous

**operation, meeting the specified standards. The supplier shall supply all necessary consumables for demonstration.**

**The installation and commissioning of the systems will be made at the delivery sites within two weeks after delivery with free installation charges by the supplier. After complete installation and demonstration, the Bank Guarantee shall be returned only after receiving the user report by the user and technical committee.**

**The supplier shall provide free training to the indenting officers.**

**Authorised signature of the supplier  
With designation and detail address**

**Signature of the Indenting officer  
with designation and detail address**

**Witness:1.**

**Witness:2.**

## 28. FORMAT FOR CHECKLIST FOR TECHNICAL BID (Please indicate Yes/No)

SL No		Yes/No	Remarks
1	Tender Document Fee		
2	Letter indicating bidder is not blacklisted/debarred by any government Department/institute		
3	Authorisation letter (as per annexure IV)		
4	Participation in single or multiple tender	Single/ Multiple	
5	Bid submitted separately for each item		
6	Detail technical description as per the format (table 1)		
7	Make & model specified		
8	Printed literature with detail technical specification		
9	List of user along with contact detail (address, telephone & email of user) for the quoted item		
10	Letter from manufacturer indicating that the manufacturer shall provide after sales service during Warranty/Comprehensive Annual Maintenance Contract/Annual Maintenance Contract period if the authorized dealer/bidder fails to provide same		
11	Letter indicating the country and place of origin and assembly of the item		
12	Duly filled technical bid along with all supporting documents in hard copy as well as soft copy in a pen drive and CD		

**Signature of the Authorised person with date & seal**

**29 FORMAT FOR CHECKLIST FOR FINANCIAL BID (Please indicate Yes/No)**

SL No		Yes/No	Remarks
1	EMD @2% of onsite delivery price		
2	Copy of PAN		
3	VAT clearance certificate		
4	Central Sales tax clearance certificate		
5	Quoted Price in Indian Currency		
6	Quoted Price in Foreign Currency		
7	Bid submitted separately for each item		
8	Separately submitted EMD for each item		
9	Undertaking indicating not quoting lower price to any other organization in India		
10	Detail of basic cost of item, cost of mandatory, auxiliary and consumable parts including prerequisite parts required for successful installation and demonstration		
11	Detail price break up for each make and model		
12	Onsite delivery price to different offices/departments of OUAT situated throughout Odisha		
13	3-years onsite warranty for the quoted item		
14	AMC beyond warranty period		
15	Letter from Manufacturer stating that if the authorized dealer/bidder fails to provide after sales service during warranty, Comprehensive Annual Maintenance Contract or Annual Maintenance Contract, the manufacturer shall provide onsite after sales service as per warranty and comprehensive annual rate contract or annual maintenance contract without any financial liability to the university and any precondition		
16	Duly filled financial bid in hard copy as well as soft copy in a pen drive		
17	Details of the account to which the EMD will be refunded		

**Signature of the Authorised person with date & seal**

## Group A:Laboratory Equipment

Sl No.	Name of the item	Specifications
1	Solar-cum electric dryer with battery back up	To dry 40 kg fish per batch, with solar cells (1kW or above), provision of storage of solar energy as back up, with temperature controller cum indicator; Provision of electrical heating system to dry commodities during night, with blower to run by solar cell back up. Temperature of drying up to 60°C (both by solar heating and electrical heating) Approximate size 6ft (L)x 4ft(b) x3 ft(ht)
2	Electrical cabinet dryer	Electrical cabinet dryer to dry 150 kg fish per batch; No. of trays: 36-48 to hold 150 kg fish, food grade stainless steel inner (SS204) and trays (SS316); temperature ambient to 70°C, with forced circulation, three phase power supply Approximate size 10ft (L)x 4ft(b) x5 ft (ht)
3	Modified Atmospheric Packaging	For packaging of dry fish with N, oxygen and CO <sub>2</sub> in trays, 3-4 cycles per minute; compatibility for plain film sealing, compatible Automatic machine tray movement, auto film rolling and auto sealing; sensor to indicate blank trays, Inbuilt memory for easy recall of setting. With digital display & control system, made up of SS 304 and/ or aluminium extrusion framed machine Power: upto 2 KW Pneumatically operated machine Easy mould change system Approximate dimension: 500 mm X 700 mm x 800 mm, with gas mixer and buffer tank
4	Water activity meter	Table top type, with digital display, response time 5-6 minutes, range: 0.03 to 1.0 a <sub>w</sub> , resolution: 0.001 a <sub>w</sub> , accuracy: ±0.003, repeatability: 0.001 a <sub>w</sub>
5	Hot air dryer (Drying oven)	Double walled unit; made of stainless steel sheet inner, Temp. range: ambient to 100° C; temperature controlled through digital temp. controller cum indicator; Accuracy +/- 5°C suitable motor for forced air circulation of air, recirculation and with hepafilter. Inner size: 900 x600 x600mm approx.
6	Pulveriser	Stainless steel pulveriser; Hammer type with 1hp motor; single phase; consisting of 4 stainless steel hammers fixed to a disc of approx. 3" diameter, 1½ inch thick, revolved around 3000RPM; all working elements made of of SS of good grade, other parts CI, with detachable 3 screen (sieve) built in stainless steel frame capacity: 12-15 kg / hour
7	Vacuum packaging machine	Single chamber floor model single side sealing for pouch sealing with nitrogen flush system; Sealing length 400 mm X 2mm
8	Mechanical sieve shaker	Sieve shaker constructed & run by ¼ HP motor 220 volt AC. Designed to carry 6/7 test sieves of 200 mm dia, with one set lid and pan. With sieves having different pore sizes, Brash frame Sieve sizes : 30 mesh, 60 mesh, 100 mesh, 200 mesh, 350 mesh, operating at 280-320 RPM
9	Fish deboner	Single phase motor, stainless steel drum, rubber belt, scraper, spare belt, 150 kg fish / hour
10	Fish mincer	Floor model, stainless steel, to mince 150kg/hour
11	Cutlet former	Made of stainless steel 316 food grade, to form 2000 pieces cutlet per hour, cutlet dia: 1.5 to 2 inches approx.
12	Battering and breading machine	Made of stainless steel 316 food grade, to batter and bread 2000 cutlets per hour with 2 conveyor system synchronised, with inverter for

		discharging bread and blower for excess liquid. Belt speed variable from 10 to 15 m per minute Size approx. 1500mm x 500 mm x 1000 mm.
13	Air blast freezer (-40 °C)	Air cooled compressor, single door, Operating temperature : -30 to -45 °C, 400-500 kg capacity LXBXH=12'X10'X8' approx.
14	Cold storage (-20 °C)	To store 10 ton frozen fish, at -20 °C, air cooled compressor with ante room (4°C), PUF insulation and standby compressor LXBXH=15'X15'X8' approx.
15	Fish filleting machine	Stainless steel contact surface, 3-7 fish filleting per minute, automatic degutting, manual feeding, species to be filleted : tilapia, mackerel, seer fish
16	Flake ice machine	Outer and inner drum made of stainless steel, PUF insulated storage bin with stainless steel door, with hermetically sealed compressor (CFC free) Capacity: 5 tons/ day
17	De scaling machine	Spindle type descaling machine with single phase motor, bench top model, stainless steel body and contact surface
18	Chilled cabinet	Capacity 300 litres, temperature 2°C, forced draft cooling and auto defrost cycle, digital temperature display - Controlled by Microprocessor based Digital temp. indicator cumcontroller - Front toughened glass
19	Containerised vehicle with aeration system	Four wheel diesel engine transport vehicle with cabin and rear carrier About 2500cc engine, diesel tank about 60 lts, 4 cylinder engine with 5 gears and 1 reverse gear, Total LXBXH= 5200X1700X1900 mm approx., ground clearance about 180mm to carry about 2000 kg load Carrier size about 9ftX5.5ft X 1 ft. White polyethylene water tanks 2 numbers, , each with about 45 inch dia and 50 inch height to hold about 1000 lts water Aeration by 2 no. of cabin mounted 3HP diesel pumps, 2 oxygen cylinders (water capacity 10 lts with 1500 lts oxygen) and 2 air pump aerator blowers (about 3000 rpm).
20	Hot air oven	Double walled, both inner and outer made of stainless steel, gap between two walls filled with glass wool. Microprocessor based digital temp. indicator-cum controller. Temp range from ambient to 250°C or thermostatic temp. control with L shaped thermometer with indicator lamp, power cord and 2 to 3 nos. of trays, Size: 600x600x900mm approx
21	Infrared moisture analyser	Capacity:0.5 to 25 g (approx), range: 0 to 100%, accuracy:0.5%, readability:0.1%. Operated with an accuracy of 0.02% with spare infrared lamp.
22	Soxhlet apparatus	Six Place Automatic Solvent Extraction System with heater, Temperature Range – 35°C to 200°C, Temperature Accuracy - +/- 1°C, Digital Temperature Indicatorcum controller, Extraction vessel – Glass, Collection vessel – 100 ml Borosilicate beaker, nitro cellulose extraction thimble, with adopter and stand, Independent sample loading with individual mechanical controls, Inbuilt digital timer, Auto Over Temperature Protection, Auto Sensor Break protection, Auto Error Indication, etc.
23	Protein- Kjeldhal apparatus	Six place Automatic nitrogen analyser for protein estimation with digestion, scrubber, distillation systems and other accessories. Fume duct.
24	Fiber analyser	Six Place Automatic Fibre Estimation System; Sample Size : 0.5 to 3 gms, Heater Source: Ceramic Infrared Heater. Borosilicate Extraction Vessel (6 Nos.), Individual high temperature resistant adoptor for intact leak proof seal, Independent sample loading with individual mechanical controls. Facility for direct Reagent addition. Sintered Silica glass Crucible with P2



		Porosity disc (6 Nos.), Pressure Pump: Electrically operated air pump for declogging, Control Valve: Individual control valves for vacuum, reverse air stream & reagent addition, Microprocessor based Digital temperature controller, Temperature Accuracy $\pm 1^{\circ}\text{C}$ ., Temperature Range: Ambient to $450^{\circ}\text{C}$ (Continuously variable), Flow System with self priming pump connected to water suction filter pump. Auto over temperature protection
25	Muffle furnace	Working temperature: 1100 to $1300^{\circ}\text{C}$ , Maximum temp: $1800^{\circ}\text{C}$ , chamber volume: 5 liter (approx), Drop down door with air gap to minimise external temperature, Delayed start / process timer function as standard, Hard ceramic hearth fitted as standard, Ventilated via top mounted ceramic chimney, with crucible and holder
26	Laminar chamber flow	Working area-3'x2'x2' with pre and final filters. Cleanliness level-Class M-3.5 (US FED 209E) First air quality with aggregates <3530 particles per cubic meter of 0.5 micron. Noise level <65 db on A scale. Vibration level <2.5 micron. Illumination 100 watt per square meter of work table, With front glass door, stainless steel body and stand, With gas connection facility, Complete with HEPA FILTER & PRE FILTER, with heavy duty motor blower, UV lamp, Germicidal tube & fluorescent light, with S.S table top
27	Autoclave	Horizontal triple walled, complete made of stainless steel with radial locking system, separate steam generator and sterilization chamber, Fitted with pressure gauge, safety valve, Temperature indicator, Gas release valve, water level indicator. Operating pressure upto 0-30 PSI, Boiler hydraulically tested upto 40 PSI Size: 600x600x900mm approx.
28	Incubator	BOD type incubator, Capacity : 300 liters Double walled, inner S.S & outer M.S with powder coated, with glass viewing front door. - Temp. range : from $2^{\circ}\text{C}$ to $60^{\circ}\text{C}$ , +/- $0.5^{\circ}\text{C}$ - Microprocessor controller system Controlled by Digital temp. indicator. cum controller
29	Gel documentation (imaging) system	<ol style="list-style-type: none"> <li>1. Gel documentation instrument with High-end ultra-sensitive scientific camera platform, designed for DNA and RNA gels and fluorescence stain imaging</li> <li>2. Inbuilt camera with resolution of up to 7.6 megapixel and Camera with high sensitivity for fluorescence detection</li> <li>3. Motorized zoom lens-F590 emission filter</li> <li>4. 16-bit – 65,536 grey levels</li> <li>5. The field of view should reach approximately <math>400\text{ cm}^2</math> at the UV transilluminator (UV 312nm excitable) level.</li> <li>6. Must have White light conversion screen</li> <li>7. Applications: Ethidium bromide, Gel-Red, Gel-Green, SYPRO Ruby, etc.</li> <li>8. Stainless steel darkroom for long lasting robustness. Door with UV safety shut-off.</li> <li>9. White light led panels with automatic intensity adjustment</li> <li>10. Software with multiple user licenses for image acquisition with full GLP compliance. Molecular weight calculation, band quantification, colony counting, distance calculation and image enhancement</li> <li>11. Software must have 3D Dynamic Scan, Apps Studio, Image Master Assistant</li> </ol>
30	96 well Gradient PCR Machine	<ol style="list-style-type: none"> <li>1. Gradient PCR machine with Block material: Silver/Alloy/Aluminium</li> <li>2. Sample capacity: 0.2 ml- 0.5 ml , 96 well PCR plate and PCR tube strips</li> </ol>

		<ol style="list-style-type: none"> <li>3. Reaction volume: 10<math>\mu</math>L to 100<math>\mu</math>L</li> <li>4. Gradient range of up to - 99°C</li> <li>5. Gradient technology must be licensed</li> <li>6. Steady Slope Gradient Technology</li> <li>7. Temperature control range: Up to 100°C</li> <li>8. Block Temperature Accuracy: <math>\pm</math> 0.2°C</li> <li>9. Temperature uniformity of 0.3 to 0.4°C</li> <li>10. Maximum heating rate: 3° to 5°C/s</li> <li>11. Maximum cooling rate: 2°C/s to 3 °C/s</li> <li>12. Heated Lid temp: up to 110°C</li> <li>13. It must have high performance lid technology to exert optimum pressure on the 0.2ml &amp; 0.5ml tubes and 96 well plates</li> <li>14. Auto Restart facility.</li> <li>15. Instrument status should indicate the step, cycle and remaining run time during the run</li> <li>16. Storage capacity of 500 to 600 programs</li> <li>17. Facility for programming: Touchdown PCR, Hot Start PCR, Large volume PCR, Nested cycles, etc.</li> <li>18. USB ports, RS232/485 serial port, Ethernet card</li> <li>19. E-mail notification facility</li> <li>20. Warranty: Minimum 24 months</li> <li>21. Display Screen : Minimum 8 inch, TFT LCD 800<math>\times</math>600 Pixels</li> </ol>
31	Hydroponic machine	Fully automatic, Output Capacity: 100-125 kg/day, Insulated door minimum 30 mm thick puf door (2-3 doors), 90-100 trays(size 2.5' x 1.5') with PLC control system with Air-conditioning system, Recycling Tank Piping with 190-200 sprinklers to water each tray precisely, Water pump 0.5 hp, 2-3 seed soaking tanks with water sprinkling system, LED lighting, Water consumption 2-3 l/day/kg Suitable for fodder, wheat, maize, barley, garlic and paddy seedling
32	Hand held Ultrasonic homogenizer(sonicator)	<p>Suitable for manual operation or for stand use</p> <p>Power: 50 watts</p> <p>Frequency: 30kHz</p> <p>Automatic frequency tuning system</p> <p>Amplitude adjustable 20-100%</p> <p>Pulse 0-100%</p> <p>Dry running protection</p> <p>Timer (0-100 min)</p> <p>Stand, mounting tools and sound protection box</p> <p>With Sonotrode made of titanium suitable for samples from 10ml up to 250ml</p>
33	Temperature and humidity cabinet	<p>Cabinet interior size: 150 liters (approx) (SS 304)</p> <p>Double door (interior glass and outer SS)</p> <p>Temperature range: 10 to 60 deg C with <math>\pm</math> 1 deg</p> <p>Capacitive type humidity sensor</p> <p>Digitally controlled active humidification and dehumidification 40% to 95% RH</p> <p>Microprocessor based PID digital temp indicator cum controller</p> <p>Condensation free</p>

## Group B: Farm Equipments

Sl No.	Name of the item	Specifications
1	Sugarcane Infielder (loader) with 50 hp and above tractor, complete system	<ul style="list-style-type: none"> <li>• Capacity: 4 to 5 tonne with hydraulic unloading</li> <li>• Tractor power: 50 hp and above</li> <li>• Back height 11 to 12 feet</li> </ul>
2	Hydroponic machine	<ul style="list-style-type: none"> <li>• Fully automatic</li> <li>• Output Capacity: 100-125 kg/day</li> <li>• Insulated door minimum 30 mm thick puf door (2-3 doors)</li> <li>• 90-100 trays(size 2.5' x 1.5') with PLC control system with Air-conditioning system.</li> <li>• Recycling Tank Piping with 190-200 sprinklers to water each tray precisely</li> <li>• Water pump 0.5 hp</li> <li>• 2-3 seed soaking tanks with water sprinkling system</li> <li>• LED lighting</li> <li>• Water consumption 2-3 l/day/kg</li> </ul> <p>Suitable for fodder, wheat, maize, barley, garlic and paddy seedling</p>
3	20 plus seater bus along with dedicated instruments	<p>42 seater bus having minimum 24 pushback seats(excluding driver and helper) arranged in 2x2order, High rise seat, Pneumatic door, GPS, air suspension, air condition, space for keeping equipments.</p> <p>The quoted value should be of on-road price and inclusive of road tax, insurance for three years.</p> <p>Minimum two years warranty</p>
4	Pulverisor (wet/paste)	<p>Suitable to make paste by pulverising like ginger, garlic, onion, carrot, cashew nut etc.</p> <p>Capacity: 20 to 30 kg /hr (approx)</p> <p>Contact parts: food grade SS</p> <p>Inbuilt water jackatted head</p> <p>With electric motor and control system</p> <p>Suitable for continuous operation of 8 hours without break</p>
5	Pulverisor (dry)	<p>Suitable for dry grinding of wheat, spices, besan</p> <p>Multipurpose pulveriser (beater type with different screen)</p> <p>Capacity: 20 to 30 kg/h with feeding hopper and feed control arrangement</p> <p>Body: Stainless steel</p> <p>With single phase motor, overload protection</p>
6	Steam jacketed kettle integrated with scrapper, stirrer and boiler	<p>Capacity: 50 liters (approx)</p> <p>Contact part made out of food grade SS</p> <p>With inbuilt stirrer and scrapper (food grade SS)</p> <p>Attachment of easy loading and unloading</p>
7	Homogeniser	<p>Suitable for homogenising juice, pulp etc.</p>

		Capacity: 50 liter/h (approx) Pressure: upto 60 Mpa All contact parts to be food grade SS Homogenizer chamber should be made of single piece forged AISI 316 block with suction/discharge valves and diaphragh type pressure gauge Complete with control panel
8	Automatic steam boiler	Capacity: 30 to 50kg/h With water softer, feed water pump Auto-cut-off diesel fired burner, diesel tank, chimney Essential safety mechanism As per ISI standard
9	Rice puffing machine	Type: continuous rotary type with electric motor and with provision to adjust rotation Capacity: 50kg/hr (apprx) Heating: LPG fired burner with provision for controlling temperature With feed hopper and non choking feeding system
10	Motorised Ghani	Semi-automatic, 17 rpm Capacity: 5 to 10kg/batch (approx) Machine body: SS, crushing part: stone Dive mechanism: high steel gearbox 2hp single phase electric motor With oil plate, on-off switch, pulley, v-belt complete with platform
11	Mini versatile Dall Mill	Capacity: 100 to 150 kg/h CFTRI model With motor, starter, cyclone collection system and grader
12	Mini Rice Mill	Capacity: 100 to 150kg/h (approx) Single phase Automatic operation with husk aspirator
13	Hammer Mill with Cyclone system	Suitable for Grinding Spices & Food Grains (except wheat) Capacity: 150 to 200 kg.h

## **GROUP-C1: ANNUAL RATE CONTRACT FOR SUPPLY OF LABORATORY CHEMICALS & FINE CHEMICALS /BIOCHEMICALS AND KITS, LABORATORY GLASS WARES, PLASTIC WARES AND FILTER AIDS**

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The Odisha University of Agriculture and Technology, Bhubaneswar-751003, engaged in teaching, research and extension activities, is intending to enter into Annual Rate Contract for supply of substantial quantity of Laboratory Chemicals & Fine chemicals / molecular grade chemicals/ bio-chemicals and kits, Laboratory Glass wares, Plastic wares & Filter paper/ aids etc. for use in different colleges/Departments/Laboratories/Research projects located at Bhubaneswar and different offices of the University throughout the state. Accordingly, the undersigned is authorized to finalize the rate contract for the above items **valid upto 31<sup>st</sup>March 2022 or till the next rate contract is made.**

Only the manufacturers of the required items who can execute the purchase order at Bhubaneswar/different locations of the state under the University are eligible to enter into rate contract with the University.

The interested firm has to submit their offer in two bid system

1. Technical bid
2. Financial bid

Technical bid should contain the following documents

- i. Item group for which bid is submitted (chemical/glassware/plasticware/labware /kits)
- ii. Tender Fee of Rs.2000/- for each item group by the firm drawn in favour of Comptroller, OUAT, payable at Bhubaneswar. A firm participating for more than one item needs to pay tender fee for each item for which the firm is submitting offer.
- iii. Offer should be submitted separately for chemicals, glassware, plasticware, labwares and kits
- iv. Document regarding registration/Certificate of incorporation of the firm issued by the appropriate agency needs to be included in each offer.
- v. Copies of GSTN (no provisional GSTN shall be accepted) along with copy of GST return for the last year
- vi. Copy of PAN along with return of previous 3 financial years i.e., 2017--18, 2018-19 and 2019-20
- vii. Self-certification to the effect that the supplier/firm has not been blacklisted by any Govt./ Pvt./ Autonomous organization. If no certificate is submitted, it will be assumed that the firm has been blacklisted and will be rejected at the bid evaluation stage.
- viii. Declaration towards possessions of certificate of analysis (only for chemicals), copy for certificate towards materials safety data sheet (MSDs only for chemicals) must be supplied along with the bid.
- ix. User list with contact name, address, email and mobile number, etc.
- x. **Undertaking that the rate contract shall be valid upto 31<sup>st</sup>March 2022 or till next rate contract is finalized by this University.**
- xi. **Undertaking by the manufacturer and authorised dealers that they have quoted the lowest price with maximum discount to OUAT and they have not offered lower price or more discount to any other organisation/firm than OUAT.**
- xii. Name of local dealer/stockist and their role.
- xiii. Copy of GSTN of local supplier along with GST return for the last year.
- xiv. Copy of PAN no.of local supplier along with return of previous 3 financial years i.e., 2018--19, 2019-20 and 2020-21
- xv. Clear indication is also required to be appended whether such local agency can raise the bill for them. The role of the Dealer/Stockist to be specified.
- xvi. Undertaking that the chemicals/standards/kits/media have minimum life span of one year from the date of supply of item to respective departments/colleges/offices.

Financial bid:

- i. The detailed printed price list books (Hard copy in original and soft copy in form of CD/pendrive) of all types of chemicals (LR/GR/AR/molecular/ ER/MB/A.C.S./ U.S.P. grade

- including HPLC, AAS solvents, media and bio-chemicals/ kits), Glassware/ plasticware (complete Laboratory range), lab wares and filter papers (of high quality)
- ii. The details of taxes and duties, if any, are to be specified clearly.
  - iii. Our university is registered with DST and have valid DSIR certificate and GST should be mentioned as applicable.
  - iv. Quantum of discount provided on submitted printed price list.
  - v. Undertaking that quoted price is for on site delivery basis and should be door delivered at different colleges/departments/ laboratories/research projects located at Bhubaneswar and different offices/units of University throughout the state.

THE OTHER TERMS AND CONDITIONS ARE AS BELOW.

- i. Delivery must be made within stipulated period from the issue of the order either directly or through their dealer network unless otherwise specified.
- ii. If the supplier fails to deliver the stores within the allotted delivery period as specified above, the purchaser may procure goods or services similar to those undelivered upon such terms and in such manner as it deems appropriate, from any other firm and the supplier will be liable to pay the purchaser for any excess cost.
- iii. Firms not providing with complete information/document shall not be considered for rate contract.
- iv. Submission of required document/information after the due date will not be accepted.
- v. The Odisha University of Agriculture and Technology reserves the right to enter into parallel rate contract for similar items at any time during the period of rate contract with one or more parties.
- vi. The rate contract can be terminated at any time by giving one month notice by OUAT.
- vii. The items to be supplied will have to be of high quality and grade and in the event the supplied materials are found to be of inferior quality, the supplier is liable to be blacklisted.
- viii. The firms must ensure the compliance of all the above mentioned terms and conditions and attach the requisite certificates/documents/declaration asked for the rate contract failing which the rate contract offer will be liable to be rejected as non-responsive.
- ix. The acceptance of the rate contract will rest with the undersigned and reserves the right to reject/accept partially or wholly the rate offers received, without assigning any reason.
- x. The supplies must be confirming to the specification of our supply order. If the same is found defective the same must be replaced immediately free of charge
- xi. The bill should be presented in triplicate.
- xii. The empanelment can be terminated without any notice in case the performance of the party is found consistently unsatisfactory or due to the serious lapse on the part of the bidder.
- xiii. Submission of offer for rate contract indicates that the party shall abide by all terms and conditions spelt above. The firm who are not interested to abide by the above terms and conditions should not participate in rate contract.
- xiv. Price list in soft and hard copy.
- xv. An undertaking stating for adhering the price list: Price list once submitted will not be changed during the period of Rate Contract

The firm need to submit offer separately for each item with two bid system. Technical matters in technical bid and financial matters in financial bid with a clear mention on the envelop regarding item for which bid is submitted, type of bid (technical or financial), name and address of the bidder. Both the bids should be put inside another envelop with clear mention about the item for which bid is submitted, name and address of the firm.

# GROUP C2: ANNUAL RATE CONTRACT FOR SUPPLYING & REFILLING OF VARIOUS GASES & GAS CYLINDER

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The interested firm has to submit their offer in two bid system

1. Technical bid
2. Financial bid

Technical bid should contain the following documents

- i. Item for which bid is submitted
- ii. Tender Fee of Rs.2000/- drawn in favour of **Comptroller, OUAT**, payable at Bhubaneswar.
- iii. Document regarding registration /Certificate of incorporation of the firm issued by the appropriate agency needs to be included in each offer.
- iv. Copies of GSTN (no provisional GSTN shall be accepted) along with copy of GST return for the last year
- v. Copy of PAN along with return of previous 3 financial years i.e., 2017—18, 2018-19 and 2019-20
- vi. Self certification to the effect that the supplier/firm has not been blacklisted by any Govt./ Pvt./ Autonomous organization. If no certificate is submitted, it will be assumed that the firm has been blacklisted and will be rejected at the bid evaluation stage.
- vii. The bidders should have experience in execution of orders with Govt/reputed organizations for the similar items.
- viii. **Valid Explosive Licenses for all Industrial Gases on Rate contract for manufacturing and storing till safe delivery of industrial gases. (Copy to be closed)**
- ix. **Capacity of each cylinder**
- x. Quoting of Price (s) : Price quoted should be in Indian Rupees, free pick up & delivery at OUAT Campus, Bhubaneswar.
- xi. Time for delivery of new cylinder and refilling
- xii. User list with contact name, address, email and mobile number
- xiii. **Undertaking that the rate contract shall be valid upto 31<sup>st</sup> march 2022 or till next rate contract is finalized by this University.**
- xiv. **Undertaking by the manufacturer and authorisd dealers that they have quoted the lowest price with maximum discount to OUAT and they have not offered lower price or more discount to any other organisation/ firm than OUAT.**
- xv. Undertaking that there will be no change in price structure during the period of contract except, if the statutory levels, taxes are otherwise made applicable, by the Government through Notification/regulation
- xvi. Copy of GSTN of local supplier along with GST return for the last year
- xvii. Copy of PAN no.of local supplier along with return of previous 3 financial years i.e., 2017—18, 2018-19 and 2019-20
- xviii. Filled in table as per list given below

Item No.	Item Description	Gas Purity %	Impurity details (PPM level)
1	Argon UHP grade Regular grade		
2	Helium UHP grade Regular grade		
3	Hydrogen UHP grade Regular grade		
4	Oxygen UHP grade Regular grade		

5	Nitrogen UHP grade Regular grade		
6	Air UHP grade Regular grade		
7	CO <sub>2</sub> UHP grade Regular grade		
8	Liquid nitrogen		
9	Nitrous oxide		
10	Acetylene		
11	Mixed gas		

Financial bid:

- i. Price of each new cylinder with gas
- ii. Price of regulator for each type of gas cylinder and accessories
- iii. Price of refilling of each cylinder
- iv. Discount offered
- v. The details of taxes and duties, if any, are to be specified clearly.
- vi. Our university is registered with DST and have valid DSIR certificate and taxes should be mentioned as applicable.
- vii. Quantum of discount provided on submitted printed price list.
- viii. Undertaking that quoted price is for on site delivery basis and should be door delivered at OUAT campus.

THE OTHER TERMS AND CONDITIONS ARE AS BELOW.

- i. Delivery must be made within stipulated period from the issue of the order either directly or through their dealer network unless otherwise specified.
- ii. If the supplier fails to deliver the stores within the allotted delivery period as specified above, the purchaser may procure goods or services similar to those undelivered upon such terms and in such manner as it deems appropriate, from any other firm and the supplier will be liable to pay the purchaser for any excess cost.
- iii. Firms not providing with complete information/document shall not be considered for rate contract.
- iv. Submission of required document/information after the due date will not be accepted.
- v. The Odisha University of Agriculture and Technology reserves the right to enter into parallel rate contract for similar items at any time during the period of rate contract with one or more parties.
- vi. The rate contract can be terminated at any time by giving one month notice by OUAT.
- vii. The items to be supplied will have to be of high quality and grade and in the event the supplied materials are found to be of inferior quality, the supplier is liable to be blacklisted.
- viii. The firms must ensure the compliance of all the above mentioned terms and conditions and attach the requisite certificates/documents/declaration asked for the rate contract failing which the rate contract offer will be liable to be rejected as non-responsive.
- ix. The acceptance of the rate contract will rest with the undersigned and reserves the right to reject/accept partially or wholly the rate offers received, without assigning any reason.
- x. The supplies must be confirming to the specification of our supply order. If the same is found defective the same must be replaced immediately free of charge
- xi. The bill should be presented in triplicate.
- xii. The empanelment can be terminated without any notice in case the performance of the party is found consistently unsatisfactory or due to the serious lapse on the part of the bidder.



- xiii. Submission of offer for rate contract indicates that the party shall abide by all terms and conditions spelt above. The firm who are not interested to abide by the above terms and conditions should not participate in rate contract.
- xiv. An undertaking stating for adhering the price list: Price list once submitted will not be changed during the period of Rate Contract

The firm need to submit offer separately for each item with two bid system. Technical matters in technical bid and financial matters in financial bid with a clear mention on the envelop regarding item for which bid is submitted, type of bid (technical or financial), name and address of the bidder. Both the bids should be put inside another envelop with clear mention about the item for which bid is submitted, name and address of the firm.

## Group-D: Computers, Printers, Networking and other Accessories

Sl No.	Name of the item	Specifications
1	Mobile Work Station	<p>Processor: 10th Generation Intel® Core™ i9, 16 MB Cache, 8 Cores, 2.40 GHz to 5.30 GHz, 45 W, vPro or higher</p> <p>Chipset: Intel Mobile WM490 or higher</p> <p>RAM: 64GB DDR4 2933 MHz, SODIMM Memory expandable up to 128 GB or better</p> <p>4 DIMM slots, supporting up to 64GB ECC/non-ECC, DDR4 2933 MHz Memory</p> <p>Drive Controllers: Integrated SATA controller with minimum 4 x 6Gbps</p> <p>HDD: M.2 2280, 2 TB, Gen 3 PCIe x4 NVMe, Class 40 SSD expandable up to 8GB</p> <p>Graphics Card: NVIDIA® Quadro® T1000, 4 GB, GDDR6 or better</p> <p>Keyboard: White backlit keyboard, 10 key keypad, Spill-resistant, Multimedia keys or better</p> <p>Speaker: Dual integrated high quality speakers</p> <p>Communications: Intel® Wi-Fi 6 AX201, 2 x 2, 802.11ax with MIMO, Bluetooth 5.1</p> <p>Security: Intel® vPro™ Technology (iAMT 12)/Intel WiFi® Link WLAN and a compatible vPro processor), Client Command   Update, Power Manager, Wedged-shaped lock Hardware Security TPM 2.0 discrete FIPS 140-2 certification for TPM TCG Certification for TPM (Trusted Computing Group) ControlVault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification Fingerprint Reader with Control Vault 3 Contacted Smart Card and Control Vault 3 Contactless Smart Card, NFC, and Control Vault 3 FIPS 201 Full Scan FPR and Control Vault 3 Statement of Non-Volatility</p> <p>Ports: 1 RJ-45 port 10/100/1000 Mbps, 2 USB 3.2 Gen 1 Type-A port, 1 USB 3.2 Gen 1 Type-A port with PowerShare, 2 USB 3.2 Gen 2 Type-C Thunderbolt 3 ports, 1 HDMI 2.0 port, 1 Mini DisplayPort 1.4, 1 Universal Audio Jack, 1 SD card slot, 1 Smart card reader slot, 1 Micro SIM card slot</p> <p>Display: 17.3-inch, IPS UHD, 3840 x 2160, 60 Hz, Anti-Glare, Non Touchscreen, 100% Adobe, 500 Nits, HDR400</p> <p>Operating System: Genuine Win 10 Pro 64 for Workstation . All drivers required for proper integration of components should be supplied by the vendor. All latest drivers should be available to download from vendor's website. System should support for Red Hat® Enterprise Linux 8.3 &amp; Ubuntu 18.04.4 LTS 64 bit</p> <p>Battery: 6-cell, 95 WHr, Lithium-ion, Express ChargeBoost™ or better</p> <p>Power Supply: 240W adapter, Minimum 95Whr Battery</p> <p>Camera: HD 1280 x 720 RGB at 30 fps camera with Omni-directional digital Microphone or better</p> <p>Additional Software: Antivirus Software, AI based System Optimization software to be provided by the OEM</p> <p>Warranty: 5 years onsite parts and labour warranty for system</p> <p>Vendor Status: The hardware vendor should be a reputed concern, having global presence in multiple countries. Vendor should have ISO certifications.</p> <p>Certifications: Window OS and Linux Certification, EPEAT Registered ,</p>

		Energy Star
2	Firewall for minimum 100 user	<p>Form Factor (RU): 1 or better</p> <p>Features: Layer 3 - Layer 4,NAT,V PN,Application Visibility and Control (AVC), User Identity,Next Generation Intrusion Prevention System (IPS),Web Security Essentials / URL Filtering</p> <p>Traffic handled: TCP, UDP, HTTP/TCP,TCP/ UDP</p> <p>Packet Size (KB): 1024</p> <p>Throughput with all features enabled(Under Test Condition) (Mbps): 3000 or higher</p> <p>Throughput (Real World/Prod Performance)(Under Test Condition) (Mbps): 3000 or higher</p> <p>Concurrent Session/Concurrent Connection: 5M</p> <p>New session/Connection per second: 84K</p> <p>Type of Interface Supported Multiselect: GE Copper</p> <p>Number of GE Copper interface: 6</p> <p>Number of GE Small Form-Factor Pluggable (SFP) interface: 2 or better</p> <p>Number of col /WAN Ports: 4 or better</p> <p>Number of Ipsec VPN Peers supported (Site to Site): 1700</p> <p>Number of Ipsec VPN Peers supported (Client to Site): 1700 or higher</p> <p>Number of SSL VPN Peers supported (Client to Site): 500 or higher</p> <p>Type of Storage Disk: SSD</p> <p>Storage Capacity (GB): 120 or higher</p> <p>Power Supplies: Single</p> <p>Type of Processor: X86 or better</p> <p>High Availability Support: Yes</p> <p>Interface Expansion slots supported: 1 or higher</p> <p>Firewall Policies – License: Yes</p> <p>Details of the Firewall Policies for the Firewall provided with the License: Web Security Essentials / URL Filtering,IPS License,Application Visibility License,APT (Advance Persistant Threat) License (Anti Malware Protection , C&amp; C attacks, Geo IP Protection, Zero Day Threat Protection),Gateway Anti virus,Gateway Anti spam</p> <p>NGIPS Sigature supported: 5000 or higher</p> <p>Security Intelligence: IP,URL,Domain</p> <p>Certification: Common Criteria /NDPP/NSS/ICSALabs</p> <p>Maximum Operating Temperature (Degree C): 40</p> <p>Minimum Operating Humidity (%RH): 10</p> <p>Maximum Operating Humidity (%RH): 75</p> <p>IPv6 Ready from day 1: Yes</p> <p>On Site OEM Warranty (Year)+plus subscription: 5</p>

## Group E: Furniture and Miscellaneous items

1	Student Table (S.S.316& S.S.304)	Fabrication and supply of Student Table. It is made of 1200mm Length x 610mm Width x 1070mm Height in size. Table Top Sheet made out of 1.5mm thick S.S.316 Grade Sheet. Table leg and support structure Frames are made out of 25mm x 1.62mm thk S.S.304 Grade Sqr. Pipe. Writing Drawer and Locker Cupboard arrangements -2set are fixed in the table. It is made from 1.2mm thk S.S.304 Grade Sheet. Drawer Guide sheet arrangements are made from 1.5mm thk S.S.304 Grade Sheet. The table completed by S.S. Tig Welding & It is finished with Mirror Polish Finish.
2	Student Bench (S.S.316& S.S.304)	Fabrication and supply of Student Bench. It is made of 1200mm Length x 480mm Width x 1100mm Height in size. Bench Seating Top Sheet made out of 1.5mm thick S.S.316 Grade Sheet and Bench Back Sheet made out of 1.2mm thick S.S.316 Grade Sheet. Bench leg and supporting structure frames are made out of 25mm x 1.62mm thk S.S.304 Grade Sqr. Pipe. Bench is fixed in the floor with M10 x 100mm Grouting Bolt arrangements. The above bench completed by S.S. Tig Welding & It is finished with Mirror Polish Finish.
3	Professor Table (S.S.316& S.S.304)	Fabrication and supply of Professor Table. It is made of 1200mm Length x 610mm Width x 1070mm Height in size. Table Top Sheet made out of 1.5mm thick S.S.316 Grade Sheet. Table leg and support structure Frames are made out of 25mm x 1.62mm thk S.S.304 Grade Sqr. Pipe. Drawer and Locker Cupboard arrangements – 2Nos are fixed in the table. It is made from 1.2mm thk S.S.304 Grade Sheet. Drawer Guide sheet arrangements are made from 1.5mm thk S.S.304 Grade Sheet. Table is fixed in the floor with M10 x 100mm Grouting Bolt arrangements. The table completed by S.S. Tig Welding & It is finished with Mirror Polish Finish.
4	S.S.Rack (S.S.316)	Fabrication and Supply of S.S rack. Rack made as 1020mm Length x 385mm Depth x 1800mm Height. It is made from 1.2mm thick S.S.316 Grade Sheet. 4Nos Rack sheet arrangements are provided. Leg and support structure frame is made from 30mm x 1.5mm thk S.S.316 Grade Sqr.Pipe. This rack is completed by S.S Tig welding and finished by Matt finishing process.
5	White Board (S.S.316)	Fabrication and Supply of White Board. Board made as 1775mm Length x 1220mm Width x 15mm Thk in size. White Board frame fixed with 1.2mm thick S.S.316 Grade Sheet. Outer Frame Rail arrangements are made from 5mm thk S.S.316 Grade Sheet. This board frame finished by Glass Bead Blasting process.
6	Wooden cot	Size: 78” (L) x 36” (B) x 18” (H)  Frame made of sal wood; top made of non-sal wood plank
7	Wooden Chair	Seating height: 460 mm,  seat size (455 mm – 510 mm) x (455 mm – 510 mm)  Back height: 990 mm; Legs: four of size: at least 45 mm x 45 mm. Sal wood frame;

		Seat material: 19 mm DWR Ply (ISI mark) fixed with 1mm mica (ISI Mark), Wood color polishing and finishing
8	Wooden Table	Size 3' x 2', height 2'6" , Legs four 45 mm x 45 mm, sal wood frame, top made up of 19 mm DWR ply (ISI mark) fixed with 1 mm mica, wood colour polish and finishing
9	Dining Table with granite top	Size 8' x 3' , height 2'6" , six nos., stainless steel of tubular frame of 16 gauge s.s., polished granite top

# Group-F Comprehensive Annual Maintenance Contract

1	DESKTOP COMPUTER CPU WITH MONITOR	<ul style="list-style-type: none"> <li>i) CORE I5 CPU WITH 20" LED MONITOR</li> <li>ii) CORE I3 CPU WITH 18.5/19" LED MONITOR</li> <li>iii) CORE 2 DUO CPU WITH 17" TFT MONITOR</li> <li>iv) DUAL CORE CPU WITH 17" TFT MONITOR</li> <li>v) DUAL CORE CPU WITH 17" CRT MONITOR</li> <li>vi) PENTIUM IV CPU WITH 15" CRT MONITOR</li> </ul>
2	PRINTER	<ul style="list-style-type: none"> <li>i) RICOH Aficio SP C220N</li> <li>ii) HP CP 1525N</li> <li>iii) Samsung ML2570</li> <li>iv) Samsung ML2526</li> <li>v) Samsung ML2010</li> <li>vi) Samsung ML 2581N</li> <li>vii) Samsung ML 1676</li> <li>viii) Samsung ML1866</li> </ul>
3	PRINTER-CUM-PHOTO COPIER MACHINE	<ul style="list-style-type: none"> <li>i) Sharp AR 5316</li> <li>ii) Sharp AR 5516D</li> <li>iii) Sharp AR M160</li> <li>iv) Ricoh Aficio MP2000L2</li> <li>v) Sharp AR 5618</li> <li>vi) Ricoh MP2001L</li> <li>vii) Ricoh MP2014</li> <li>viii) Ricoh Aficio MP2000L2 with ADF</li> <li>ix) Xerox WC5225</li> <li>x) Xerox WC5325</li> <li>xi) Xerox WC5335</li> <li>xii) Canon IR 3320</li> </ul>
4	DUPLICATING MACHINE	<ul style="list-style-type: none"> <li>i) Ricoh 6123, DX- 2430</li> </ul>
5	DOT MATRIX PRINTERS	<ul style="list-style-type: none"> <li>i) Epson LQ 2090</li> <li>ii) Epson LQ 1150 II</li> </ul>
6	PRINT, SCAN AND COPIER MACHINE	<ul style="list-style-type: none"> <li>i) HP LaserJet 3050</li> <li>ii) HP LaserJet 3015</li> <li>iii) HP LaserJet M 1136 MFP</li> </ul>
7	SCANNER	<ul style="list-style-type: none"> <li>i) Epson V30</li> <li>ii) HP Scan jet 3500C</li> <li>iii) HP Scan jet 2400</li> </ul>
8	Comprehensive Annual Maintenance of the active network components viz., Firewalls, L3 Switches, Managed & Unmanaged switches, Blade Server, Core switch, On-line UPS with batteries, Audio visual equipments etc. and passive components viz. UTP & OFC cables laid for the campus wide LAN in the University and Hostels located at headquarters.	

## SCOPE OF WORK

Proposals are invited from vendors to provide a **Comprehensive Annual Maintenance Contract (CAMC)** for a period of **One year** in respect of the above equipments.

The CAMC shall cover both types of maintenances such as **preventive** and as well as

### Break down maintenance.

The CAMC shall cover **repair/ replacement** of faulty/ defective parts of the system and components/ spares in the failed system. Vendor has to **station necessary minimum manpower at hub.**

The preventive and breakdown maintenances are described as follows:

## 1. PREVENTIVE MAINTENANCE

The following work is to be carried out under the preventive maintenance:

- i. Preventive maintenance should be carried out minimum four times in Year.
- ii. To carry out Preventive Maintenance (PM) as recommended by the manufacturer.
- iii. Calibration of instruments.
- iv. Maintenance of UPS/Battery.
- v. Any deviation in the parameter reading recommended by manufacturer to be corrected and the solution should be intimated to the officer-in-charge in the report form.
- vi. The engineer must attend any problem reported by the user within 24Hrs.
- vii. For problems that have been resolved, a resolution report shall be filed in noting the corrective action and this report should be signed by the officer-in-charge.
- viii. Along with the bill of payment, a maintenance report shall be filed indicating the preventive maintenance activities, fault resolution, pending issues, etc.
- ix. A **review committee** (to be set up) on half-yearly basis shall review CAMC performance, which may consist of senior representatives from the University. The agenda will be focused on improvement in CAMC service quality.
- x. Repaired/replaced equipment/parts should be of same type/make/model/capacity etc.
- xi. In case any problems, the faulty part is replaced with the lower capacity; the original capability part should be restored in 3months.
- xii. Fault identification should be done within 2 days or earlier.
- xiii. Certification towards satisfactory performance after carrying out the preventive maintenance must be duly endorsed by the engineer and approved by the officer-in-charge.
- xiv. The vendor shall be wholly responsible for any accident and compensation payable to the personnel employed by the man d working under their control. They should keep the department fully indemnified against any claim in this regard. The user shall not be responsible for any loss incurred by the service provider for their equipments etc. however; the service provider shall be responsible for any loss to University property incurred by the service provider/their representatives while executing the above CAMC.

## 2. BREAKDOWN MAINTENANCE

- i. Any fault/breakdown should be attended immediately and remedial measures taken within 12 hours of fault reporting and fault should be rectified within 24 hours.
- ii. The comprehensive AMC service to be provided by the vendor during service timings shall include but not limited to all corrective and preventive maintenance of the systems in satisfactory working order and shall include carrying out of repairs and servicing and replacement of defective parts. The replacement/worn out parts shall be the property of the University.
- iii. Under system break down conditions, the service engineer shall have maximum 12hours of response time, which in this case can be defined as the time taken between the down-call initiation and the engineer reporting at site.
- iv. The vendor at no extra charge shall arrange the replacement of defective spare parts of the equipment under CAMC. The replacement shall be with a new part or equivalent functional unit from same manufacturer. In case the maintenance is held up for lack spares leading to making the equipment non-operational, a corresponding amount for each system, which is not functional, shall be deducted from the vendor's bill/invoice if a standby equipment/system is not provided immediately.

- v. Payments like custom duties, octroi, sales tax, etc. towards spares procurement shall be the sole responsibility of the vendor.
- vi. University shall have no role play in the procurement of replacement parts during the maintenance period. It is distinctly understood that the vendor shall be entirely responsible for carrying out the procurement of spares/components required for fulfilling their commitment. The vendor/representative shall visit University proper to carry out such corrective services as and when the problem is booked by the officer-in- charge or the person on duty.

**CONTRACT PERIOD**

**The contract period shall be of one year from the date of agreement.**

**TABLE OF COMPLIANCE**

Bidder shall specifically confirm the **compliance to all the sections of CAMC** as per individual sections/parawise. Any non- compliance/deviations should be clearly mentioned parawise. Failure to do so will cause disqualification of the bidder. The scope of work and terms and conditions to maintain the equipments given in this document should be specifically complied with by stating so. Merely saying yes to specifications but not supporting it with documentary evidence or writing phrases like ‘as per attached literature’ will attract disqualification.

**PENALTY CLAUSE**

The penalty clause shall be applicable if the replacement of the available spare system is not done within 24 Hrs of the breakdown of the equipment. For any default penalty charge of 0.5% of contract value per day will be enforced on the Agency till the system is made operational. The penalty charge, if any, would be realized out of the Bank Guarantee submitted for the contract.

**RESPONSIBILITIES OF THE BIDDER**

- i. Vendor shall be responsible for any/ all of the above activities and towards maintenance, etc.
- ii. **Trouble shooting:** Vendor has to initially find the fault and then go for maintenance.
- iii. **Repair/Replace/Re-work:** All repair/replace/re-work should be taken up immediately.
- iv. **Spares:** Under comprehensive maintenance, Vendor has to keep additional spare parts for maintenance indicating the minimum quantity/inventory of the spares.
- v. Vendor has to give the **schedule** of four **preventive maintenance**.
- vi. Vendor should adjust **time schedules** for maintenance of the systems in coordination with the users.
- vii. Vendor has to send a **monthly report** to user as to what maintenance has been done on the systems and the current status of each system at various sites. Summary of Daily log is to be used for generation of monthly maintenance report and sent to user. The report is to be prepared by the vendor and **approved** by the user.
- viii. Vendor has to maintain a **logbook/service report** depicting all the maintenance activities at sites. The vendor has to send the printouts of logbook and a monthly report showing the maintenance activities and the current status/condition of the system. Vendor has to maintain logbook for each equipment. Format is shown below:

<b>Date</b>	<b>Equipment</b>	<b>Type of work</b>	<b>Tasks done</b>	<b>Status after work</b>	<b>Special Remaks</b>



- ix. Vendor has to send the **certificate** of conduct of satisfactory systems performance.
- x. Vendor shall do all necessary coordination regarding system maintenance with user agency at site in consultation with user.

#### **INSTRUCTIONS TO BIDDER**

**Experience Certificate:** The bidder should have a minimum of 03 years experience in Govt. / Govt. of India Enterprises sectors as System Integrator or Service provider for the Operations and Maintenance of equipments mentioned above.

The vendor shall furnish the following along with the bid:

- i. Brief profile of company
- ii. Latest Sales Tax, Income Tax and VAT Clearance Certificates
- iii. Audited Statements of accounts for the past five years
- iv. Vendors have to use their own **test equipments** and tools for maintenance work.
- v. The submitted offer shall be valid for a period of **at least one (01)** year.
- vi. Vendor shall be ready to attend **technical discussions and/or commercial negotiations**, if required and asked for
- vii. Vendor may seek/request for **any clarification** before the submission of the offer.
- viii. User can break the contract any time during contract period if the CAMC provided by vendor is not up to satisfactory level.

#### **Payment Terms & Conditions**

Payment shall be made to the vendor on half yearly basis after producing a certificate