Kerala Veterinary and Animal Sciences University

MEAT TECHNOLOGY UNIT
MANNUTHY
THRISSUR 680 651, KERALA

TENDER NOTICE

SUPPLY, ERECTION AND COMMISIONING OF A CONDENSING UNIT FOR A EXISTING WALK IN DEEP FREEZER IN THE CARCASS UTILIZATION PLANT, MEAT TECHNOLOGY UNIT, MANNUTHY

TENDER NOTICE No: KVASU/MTU/INFRASTRU/9/3/4/CUP/2026 Dated 9/11/2026

Sealed tenders are invited from reputed refrigeration contractor firms/manufacturers/authorized dealers for supply, erection & commissioning of a condensing unit for A Walk- in- Deep freezer at Meat Technology Unit,. The details, tender form, format of agreements etc., can be downloadedfrom the university web site *www.kvasu.ac.in*. Completed tenders, along with the tender fee of ₹1770 (₹1,500 + 18% GST) and EMD @ 1% of the quoted amount (in the form of two separate Demand Drafts for the tender fee and EMD) drawn in favour of Professor & Head, Meat Technology Unit, payable at SBT Ollukkara, together with an agreement executed in Kerala Stamp Paper worth minimum ₹200, should be submitted on or before 2 PM on **23/11/2026(Monday)**.

Sd/-

Professor& Head

Notice Inviting Tenders

I. Tenders are invited from eligible Manufacturers/Contractors/ Authorized dealers for the work mentioned Below:

1	Name of the work	Supply, Erection and commissioning of a **condensing unit** for a walk in deep freezer in the carcass utilization plant, Meat Technology unit, Mannuthy
2	Period of completion of work	Fifteen day from the date of supply order
3	Form of contract / class of firms eligible	Experience in similar type of work.
4	E.M.D to be paid in the shape of Demand Draft	1 % on tender value
5	Issue of Tender Document	The details, tender form, and specifications can be obtained from the official website of Kerala Veterinary And Animal Sciences University (www.kvasu.ac.in). Completed tenders, along with the tender fee of ₹1770 (₹1,500 + 18% GST) and EMD @ 1% of the quoted amount (in the form of **two separate Demand Drafts for the tender fee and EMD)** drawn in favour of Professor & Head, Meat Technology Unit, payable at SBT Ollukkara, together with an agreement executed in Kerala Stamp Paper worth minimum ₹200, should be submitted on or before 2 PM on 23/11/2026.
7	Last Date and time for submission of Tenders.	**23/11/2026 up to 2 p.m.**
8	Date, time and place of opening of Tender	**23/11/2026,2:30p.m,** Meat Technology Unit, Mannuthy, Thrissur

II. Brief description of the work

The Meat Technology Unit, Mannuthy, KVASU, is equipped with an existing walk-in deep freezer having an approximate storage capacity of 20 tonnes. The facility is used for the storage of various slaughterhouse by-products, including bones, offals, fat, meat trimmings, feathers and blood, stored in HDPE crates and maintained at a temperature of approximately −21 to -23°C.

The existing facility requires the installation of a suitable condensing unit to ensure efficient and reliable refrigeration and maintenance of the required storage temperature. Accordingly, the bidder shall undertake the supply, erection, installation, testing and commissioning of a suitable condensing unit, ***compatible*** with the existing walk-in deep freezer and its refrigeration system, to ensure uninterrupted and efficient operation of the facility.

III. Eligibility criteria for bidding:

a. Experience in similar type of Work.(provide supporting documents)
b. Certificates in support of existing commitments.

IV. The tenders will be opened in the presence of the Technical & purchase committee, Meat Technology Unit, Mannuthy, tenderers/or their authorized representatives on the date mentioned above.

V. Bidder should read all the terms and conditions of the bid document properly before submitting the tender.

VI. The bid and all correspondence and documents shall be in **English Language.**

VII. If the office happens to be closed on the dates specified above, the respective activity will be performed at the designated time on the next working day without any notification.

1. Any other details can be obtained between **9 am &4 pm** from the Office of the Meat Technology Unit, College of Veterinary & Animal Sciences, Mannuthy, Thrissur, Kerala-680651. **Phone No- 0487-2370956/9447382558/9447293042**

GENERAL

1. Name & Scope of work:

1.1 Brief details of the work are as follows:

a	Brief description and location of work	Supply, erection, installation and commissioning of a suitable condensing unit for the existing walk-in deep freezer at the Meat Technology Unit, Mannuthy, KVASU.
b	Scope of work:	Supply, erection, installation, testing, trial operation and commissioning of a suitable condensing unit compatible with the existing

		walk-in deep freezer, including the provision of appropriate refrigerant, necessary accessories, fittings and other components required for its proper and efficient functioning
c	Period of completion	Twenty day from the date of issue of the work order.

ATTACHMENTS/ENCLOSURES

ANNEXURE I : TECHNICAL SPECIFICATIONS

ANNEXURE II : GENERAL TERMS AND CONDITIONS

ANNEXURE III : FINANCIAL BID (PRICE BID).

ANNEXURE IV : CERTIFICATE FROM THE VENDOR STATING THAT THE COMPANY HAS NOT BEEN BLACKLISTED BY ANY GOVERNMENT ORGANISATION

ANNEXURE V : MANUFACTURER'S AUTHORIZATION FORM (MAF)

ANNEXURE VI : AGREEMENT (ONLY FOR SUCCESSFUL BIDDER)

ANNEXURE VII : TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEET TO BE PROVIDED BY THE SUPPLIER

TECHNICAL SPECIFICATIONS FOR SUPPLY, ERECTION, INSTALLATION, TESTING AND COMMISSIONING OF A CONDENSING UNIT FOR THE EXISTING WALK-IN DEEP FREEZER AT MEAT TECHNOLOGY UNIT, MANNUTHY, KVASU

1. Existing Facility

The Meat Technology Unit, Mannuthy, KVASU, is equipped with an existing walk-in deep freezer having an approximate storage capacity of 20 tonnes to store slaughterhouse by-products, including bones, offals, fat, meat trimmings, feathers and blood, stored in HDPE crates. The facility consists of freezer chambers with existing evaporators and associated refrigeration components, designed to maintain a storage temperature of approximately −20°C to −23°C.

2. Scope of Supply

The bidder shall undertake the supply, erection, installation, testing and commissioning of a suitable new condensing unit for the existing walk-in deep freezer. The existing evaporator and other serviceable refrigeration components shall be retained and utilised. The proposed condensing unit shall be fully compatible with the existing evaporator and refrigeration system.

The scope shall include the supply of the condensing unit, appropriate refrigerant, necessary accessories, refrigerant piping and fittings, electrical connections, control and safety devices, and all other components required for the satisfactory operation of the refrigeration system.

3. Condensing Unit

a. The condensing unit shall be of industrial-grade, air-cooled, semi-hermetic type, suitable for low-temperature refrigeration applications.

b. The unit shall comprise a suitable semi-hermetic compressor, air-cooled condenser, condenser fan motor(s), receiver, oil management system and other essential components required for efficient and reliable operation.

c. The compressor shall be of a reputed make, such as **Bitzer or an equivalent internationally recognised make.**

d. The capacity of the proposed condensing unit shall be suitably selected to match the existing evaporator capacity and the refrigeration load of the freezer chamber.

e. The bidder shall clearly indicate the make, model, cooling capacity, power rating, operating conditions, refrigerant type and other relevant technical specifications of the proposed condensing unit in the quotation.

4. Existing Evaporator and Refrigeration Components

a. The existing evaporator shall be retained and connected to the newly supplied condensing unit. No new evaporator is required under this tender.

b. The proposed condensing unit shall be compatible with the existing evaporator, expansion device, solenoid valves, refrigerant piping and other associated refrigeration components. Minor modifications or alterations to the existing refrigeration system, wherever necessary for the proper installation, integration and efficient functioning of the new condensing unit, shall be carried out by the bidder at no additional cost to KVASU.

c. The bidder shall inspect the existing evaporator and refrigeration system before submitting the quotation and ascertain the suitability and required capacity of the proposed condensing unit.

5. Refrigerant

The proposed condensing unit shall be suitable for the refrigerant compatible with the existing refrigeration system. The existing system was originally designed for R404A refrigerant. The bidder shall specify the proposed refrigerant and establish its compatibility with the existing evaporator, expansion device, compressor oil and other refrigeration components. The required quantity of refrigerant for charging the system shall be included in the scope of work.

6. Electrical Control and Safety Systems

a. The existing electrical control panel, compressor starters, overload protection, phase failure/reversal protection, high- and low-pressure cut-outs, isolating switches and other

associated electrical safety devices shall be retained and utilised wherever found suitable and serviceable.

b. The bidder shall inspect the existing electrical control and safety systems before submitting the quotation and assess their compatibility with the proposed new condensing unit.

c. Any additional electrical components, modifications, replacements or alterations required for the proper installation, integration and safe functioning of the new condensing unit shall be identified by the bidder during the pre-tender inspection and included in the scope of work and quoted cost.

7. Refrigeration Piping and Insulation

a. The existing refrigerant piping, copper tubes, fittings, valves, connections and associated accessories shall be retained and utilised wherever found suitable and serviceable for connecting the new condensing unit to the existing evaporator.

b. The existing suction-line insulation shall also be retained wherever found to be in good condition and suitable for continued use.

c. The bidder shall inspect the entire existing refrigeration piping system and insulation before submitting the quotation. Any additional piping, fittings, insulation, modifications or replacement of existing components required for the proper installation and efficient functioning of the new condensing unit shall be identified during the inspection and included in the quoted cost.

d. All refrigerant joints and connections, including newly made or modified joints, shall be properly brazed, pressure-tested and checked for refrigerant leakage before commissioning.

8. Installation, Testing and Commissioning

a. The bidder shall undertake the complete erection, installation, testing and commissioning of the new condensing unit in integration with the existing evaporator and refrigeration system.

b. The refrigeration system shall be pressure-tested, evacuated and charged with the appropriate refrigerant before commissioning.

c. The system shall be subjected to a trial run to verify satisfactory operation, cooling performance and its ability to maintain the required freezer temperature of −21 to -23°Cunder normal operating conditions.

d. The bidder shall demonstrate the satisfactory functioning of the compressor, condenser, existing evaporator, electrical controls and safety devices to the satisfaction of the authorised officer of KVASU.

9. Warranty

The supplied condensing unit, including the compressor and associated components, shall carry a **minimum warranty of one year** from the date of successful installation and commissioning. The bidder shall provide warranty documentation and details of after-sales service facilities.

10. Technical Documents

The bidder shall submit the following along with the quotation:

a. Detailed technical specifications of the proposed condensing unit.

b. Manufacturer's name, model number and country of origin.

c. Compressor cooling capacity, power rating and operating conditions.

d. Details of the proposed refrigerant and its compatibility with the existing refrigeration system.

e. Manufacturer's technical catalogue/brochure of the equipment.

f. Details of warranty and after-sales service support.

g. Any other relevant technical information required to establish the suitability of the proposed equipment.

h. In case of imported goods, the price may be quoted in **foreign currency** and import will be on FOB basis. However, custom clearance, loading and unloading charges, demurrage charges, commission to the agent, Inland freight etc. will be the responsibility of the supplier and no separate charges will be paid for that. However, **custom duty exemption certificate shall be provided**. The supplier should inform well in advance for sending these papers. The supplier should provide the necessary proforma invoice and other necessary documents for opening the LC/wire transfer/foreign DD. In case of any custom duty charge, applicable as per Govt. of India's Notification, the same may be paid by the firm which will be reimbursed, subject to the condition that the bill of entry In original along with all relevant papers are submitted immediately, after custom clearance and installation and demonstration of the items. For Indian made equipment’s excise duty exemption certificate will be provided.

i. The Model offered for the quoted equipments should be latest and not re-furbished. The spare parts for the equipments must be available for a period of at least next 5 years and bidder should keep the institution informed of any update of the equipments over a period of next five years.

j. The first charge of refrigerant and lubricant required should be borne by the bidder. All consumables and spares required for the satisfactory running of the system during the warranty period has to be borne by the bidder.

k. The price quoted should be in INR for various Indian equipment’s, civil and electrical works.

WARRANTY

The bidder shall supply only new, unused equipments without defect arising from material, workmanship or from any act or omission of the supplier that may develop under normal use of the supplied goods and shall provide comprehensive **warranty for a period of minimum one years**

(a) During the warranty period the bidder will be responsible for ensuring that the equipment is maintained in good working condition. Replacement of defective parts of

the equipment or the equipment itself or rectification of defects is done promptly free of cost at the place where the equipment is installed. Complaints would be attended to by the supplier promptly within 3 days of lodging of complaint and in no case the delay in attending to complaint shall exceed 3 days.

(b) The bidder will provide a list of its service centers in the various parts of the State of Kerala/India who would be attending the after sale complaints along with complete address, concerned responsible persons and their phone numbers.

(c) If at any point of time the production of the supplied model of Equipment is stopped or the production of spare parts of the supplied model of Equipments is stopped, the Supplier/bidder will give adequate advance notice to the purchaser so that the purchaser can undertake to procure the requisite spare parts in advance as per under taking given by the bidder.

d. The bidder should also give details of the after sale services they can provide.

ANNEXURE II: GENERAL TERMS AND CONDITIONS

1. The sealed cover containing the tender should be super scribed Tender No **KVASU/MTU/INFRASTRU/9/3/4/CUP/2026 ated 9/11/2026.**TENDER FOR SUPPLY OF **CONDENSING UNIT FOR A EXISTING WALK IN DEEP FREEZER IN THE CARCASS UTILIZATION PLANT, MEAT TECHNOLOGY UNIT, MANNUTHY**, last date of submission, dates of opening of tender as indicated above and should be addressed to the Professor and Head Meat Technology Unit, Kerala Veterinary & Animal sciences University, Mannuthy-680655, Thrissur, Kerala

2.The tender should be in the prescribed form which is attached (Annexure III). The cost of tender(non-refundable) and GST (as indicated in Tender notice)may be paid by Demand Draft (crossed) drawn in favor of Professor & Head ,Meat Technology Unit, Kerala Veterinary & Animal Sciences University, Mannuthy, Thrissur, Kerala Payable at State Bank of Travancore , Ollukkara, and submitted along with the tender.

3.Intending tenderers should send their tender so as to reach the officer mentioned below, on or before the due date and time. Tenders received after the specified date and time will not be accepted on any account.

4.Every tenderer should send along with his tender an EMD of 1.0 per cent of the total cost of work tendered for (rounded to nearest rupee) The amount may be paid by Demand Drafts (crossed) drawn in favour of Professor and Head, Meat Technology Unit, Kerala Veterinary & Animal Sciences University, Mannuthy, Thrissur, Kerala payable at SBT, Ollukkara. Cheque will not be accepted.

5. The tender will be opened on the appointed day and time in the office of the undersigned, in the presence of such of those tenderers or their nominees who may be present at that time.

6. Security deposit / performance security

The successful bidder shall furnish Performance Security equivalent to 5% of the total accepted contract value within 21 days from the date of notification of the award of the contract.

The Performance Security shall be furnished in the form of an Account Payee Demand Draft, Fixed Deposit Receipt from a Commercial Bank, or Bank Guarantee from a Commercial Bank, in favour of the authorised officer, Kerala Veterinary and Animal Sciences University (KVASU), as prescribed by the University.

The Performance Security shall remain valid for a period of 60 days beyond the completion of all contractual obligations, including the warranty period.

Failure to furnish the Performance Security within the stipulated period shall render the successful bidder liable for appropriate action as per the terms and conditions of the tender, including forfeiture of EMD, wherever applicable.

7. The price quoted should be inclusive of all taxes and other charges if any.

8. The tenderer should send along with his tender an agreement executed and signed in Kerala stamp paper worth Rs.200.00. The form of agreement is available in the website. Tenders without the agreement in Kerala stamp paper will be rejected outright.

9. All conditions of Kerala government tenders are applicable in this case also. Future information can be had from the website http://www.kvasu.ac.in or from the office of the Professor & Head Meat Technology Unit during office hours.

10. The exact specifications, details of make, model; name of manufacturer etc. of the item must be clearly specified. The technical literature & brochures of the item have also to be furnished along with the tender.

11. Warranty details and firmness of the quoted price should be clearly stated.

12. The erection, commissioning and trial running of the system should be conducted within 20 days from the date of confirmed purchase order.

13. The final approved cost of the execution of the work will be released only after satisfactory commissioning and trial running of the Unit. No advance payment will be entertained. Tax of any nature will be levied from the quoted amount.

14. Bid should be clearly typewritten and every correction in the bid should invariably be attested with full signature by the bidder with date, failing which the bid will be ineligible for further consideration. There should be no overwriting/Corrections.

15. Price Quoted should be valid for minimum three months from the opening of the bid. A bid valid for a shorter period will be rejected as non-responsive. The Meat Technology Unit makes every endeavor to finalize the bids in the original validity period of the bids. However if for any reason, The Meat Technology Unit is not able to finalize the tender within the original validity period of the bids, Meat Technology Unit may solicit the

bidders consent for an extension in the period of bid validity. A bidder may refuse the request without forfeiting their bid security.

16. Rates should be quoted on door delivery basis according to the unit asked for, No bid conditions like “AT CURRENT MARKET RATES” shall be accepted. No handling, clearing, transport charges etc., will be paid. The deliveries should be made as stipulated in the purchase order placed with successful bidders.

17. Any deviation from the tender should be made in a tabular form in the tender.

18. The undersigned deserves the right to accept/ reject any/all tenders without assigning any reason. All other rules and conditions for the quotations prevailing in Kerala Veterinary and Animal Sciences University will be applicable to this quotation also.

19. Amount Quoted should be inclusive of freight, loading, unloading, installation, modification of civil work, electrification.etc.

20. If authorized Dealer of the equipment, Certificate in original from the manufacturer shall be produced.

ANNEXURE III: FINANCIAL BID (PRICE BID).

TENDER No: MTU/REP & MAINT/8/7/freezer /2026 Dated 9/11/2026
Last date for receipt: 23-11-2026
Due date for opening: 23-11-2026
Bidder's Offer No: Date:
From

M/s. ……
……

……

To,
Professor& Head Meat Technology unit,
Mannuthy, Thrissur-680651 Kerala

Sir,

I. I/We hereby quotating to supply the items and installation of condensing unit in Meat Technology Unit, Mannuthy, under the annexed general conditions of contract, the whole of the articles &work to be done referred to and described in the attached specification and schedule, by the Kerala Veterinary and Animal Sciences University, at the rates quoted against. The items will be delivered and work will be done within the time specified in the schedule.

Description of Goods /items/work	**Rate in INR (inclusive of all tax)**

Yours faithfully,

(Signature) .....

(Address)

ANNEXURE IV: CERTIFICATE FROM THE VENDOR STATING THAT THE COMPANY HAS NOT BEEN BLACKLISTED BY ANY GOVERNMENT ORGANISATION

To,

Dear Sir,

This is to certify that M/s_____has not been blacklisted by any Government Organization at the time of submission of the tender document or before. .

Yours faithfully, Authorized Signatories(Name & Designation)

Date:

(Note: This letter of authority should be on the Letter-Head of the manufacturing concern and should be signed by a competent person of the manufacturer.)

ANNEXURE V: MANUFACTURER'S AUTHORIZATION FORM (MAF)

To

Dear Sir,

We_____ who are established and reputable manufacturers of _____do hereby authorize M/s _____(Name and address of Agent/Dealer) to offer their quotation, negotiate and conclude the contract with you against the above invitation for tender offer.

We hereby extend our full guarantee and warranty as per terms and conditions of the tender and the contract for the equipment and services offered against this invitation for tender offer by the above firm.

Yours faithfully,

Authorized Signatories
(Name & Designation)

Date:

(Name of manufactures)

(Note: This letter of authority should be on the Letter-Head of the manufacturing concern and should be signed by a competent person of the manufacturer)

ANNEXURE VI: AGREEMENT

AGREEMENT
(To be executed in two hundred rupees- stamp paper/e-stamp paper)

Articles of agreement executed on this…….. the day of ……..……. between the Vice-Chancellor of the Kerala Veterinary and Animal Sciences University (hereinafter referred to as "The University") on the one part and Shri. …….

(H.E. name and address of the tenderer) (hereinafter referred to as "the bounden" on the other part.)

WHEREAS in response to the notification No. ……. dated ……
Bounden has submitted to the University a tender for the ……
Specified therein subject to the terms and conditions contained in the said tender;

WHEREAS the bounden has also deposited with the University a sum of Rs. ……. as Earnest Money for the execution of an agreement undertaking the due fulfillment of the contract in case his tender is accepted by the University.

NOW THESE PRESENTS WITNESS and it is hereby mutually agreed as follows:

1. In case the tender submitted by the bounden is accepted by the University and the contract for ……. is awarded to the bounden, the bounder shall within ……. days of acceptance of his tender, execute an agreement with the University incorporating all the terms and conditions under which the University accepts his tender.

2. In case the bounden fails to execute the agreement as aforesaid incorporating the terms and conditions governing the contract the University shall have power and authority to recover from the bounden any loss or damage caused to the University by such breach as may be determined by the University by appropriating the earnest money deposited by the bounden and if the earnest money is found to be inadequate the deficit amount may be recovered from the bounden and his properties both movable and immovable in the manner hereinafter contained.

3. All sums found due to the University by virtue of this agreement shall be recoverable from the bounden and his properties both movable and immovable under the provisions of the Revenue Recovery Act 1968 for the time being in force in the same manner as arrears of public revenue due on land and in such other manner as the University may deem fit.

In witness whereof Shri . …….
(Name and Designation) for and on behalf of the Vice-Chancellor of the Kerala Veterinary and Animal Sciences University and Shri. ……..
the bounden have hereunto set their hands the day and year shown against their respective signatures.

Signed by Shri. …… (date) ……
in the presence of witnesses:

1. ……..

2. …….

Signed by Shri. ……. (date) …… in the presence of witnesses:

1.……..

2. …….

ANNEXURE VII: TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEET TO BE PROVIDED BY THE BIDDER

No	Section	Sub Sections	Complied/Not Complied (for each items in subsections. Do not write	Deviations from tender specifications (Explain how better this is from tender specification)	Documentary evidence enclosed or not? If so, enter full details in text.