



REVOLVING FUND POULTRY PROJECT
CENTRE FOR ADVANCED STUDIES IN POULTRY SCIENCE
KERALA VETERINARY AND ANIMAL SCIENCES UNIVERSITY

Mannuthy, Pin:- 680651, Thrissur, Kerala

Phone: 0487-2370117, Email: rfpp@kvasu.ac.in,

CASPS/RFPP/GEN.II/TENDER/2025-26(4)

Mannuthy, Dated: 27.12.2025

Tender Notice

Sealed competitive tenders are invited for the supply and installation of Automatic Nitrogen Distillation System for the Feed analytical laboratory of Revolving Fund Poultry Project, Centre for Advanced Studies in Poultry Science as per detailed specifications given below. **Last date for the receipt of the tender is on 13.01.2026 at 2.30 P.M. and tender received will be opened at 3.00 P.M on the same day** in the presence of the tenderers or their authorized representatives. All the rules/regulations applicable to the Govt. tenders will be applicable to this tender also. The EMD and agreement in Kerala stamp paper as detailed below should be furnished along with the tenders. Further details if any can be had from this office of the undersigned during working hours.

Terms and Conditions

1. Tenders should be accompanied by an EMD of 1% of the total cost of the quoted item by way of crossed DD drawn in favour of **Director & PI, Revolving Fund Poultry Project, Centre for Advanced Studies in Poultry Science, Mannuthy payable at SBI, Ollukkara.**
2. The sealed cover containing tenders should be super scribed "**Tender for the supply and installation of Automatic Nitrogen Distillation System for the Feed analytical laboratory**" and should be addressed to the **Director & PI, Revolving Fund Poultry Project, Centre for Advanced Studies in Poultry Science, Mannuthy P.O, Thrissur – 680 651.**
3. Technical Bid and Financial Bid should be submitted in separate envelopes. The undersigned reserves the right to accept or reject the Technical bid after thorough scrutiny in the purchase committee meeting.
4. The tender form fee of Rs.590/- (Rs.500- + Rs.90/- (GST 18%)) and an EMD of Rs.2,500/- should be submitted along with the tender documents by way of DD drawn in favour of **Director & PI, Revolving Fund Poultry Project, Centre for Advanced Studies in Poultry**

Science, Mannuthy payable at SBI, Ollukkara. The tender form can be downloaded from the University's website (www.kvasu.ac.in). The cost of tender forms is non-refundable.

5. Tenders should be accompanied by an agreement in Kerala stamp paper worth Rs.200/- as per the format (Annexure) appended.
6. Late and incomplete tenders and tenders without EMD and agreement in Kerala stamp paper will not be accepted.
7. Firms who are exempted from payment of EMD should furnish attested copy of the currently valid certificate from the stores purchase department, Government of Kerala.
8. Selected firms will have to furnish a security deposit of 5% of the total cost of the items and execute an agreement in Kerala stamp paper worth Rs.200/-
9. We are exempted from payment of customs and excise duty for our procurement and hence prices quoted should be exclusive of these prices.
10. The exact specifications, details of make, model, name of the manufacturer etc. of the equipment must be clearly specified. Copies of the detailed technical literature and illustrated brochure of equipment quoted also have to be furnished along with the offer.
11. Details of warranty, terms and conditions offered should be clearly stated in the quotation.
12. The rate quoted should be inclusive of GST, entry tax (if any), transportation charges and commissioning charges if any.
13. The tenderer shall quote the net price after adjusting the value of the existing non-functioning machine, in accordance with the stipulated terms and conditions governing the buyback arrangement
14. Automatic Nitrogen Distillation System should be delivered and installed within 2 weeks after getting selected for the tender
15. The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.


Supply and installation of Automatic Nitrogen Distillation System for the Feed analytical laboratory

Specifications:-

1. Autosequencing Microprocessor based PC Compatible Distillation System with in-built software
2. Fully Automatic sequencing with auto Intelligent run of programmable steps, Automatic Dilution, Automatic Alkali Addition, Automatic Steam Processing, Process over indication

- with alarm with delay time feature, Automatic titration connectivity feature for future upgradation.
3. Two line alpha numeric digital LCD display, RS 232 interface for connectivity to PC
 4. Tube insert error indication, Auto door open warning indication, Auto deactivation of System on error diagnosis, Adjustable steam power, Automatic Reagent level sensor with alarm, Auto online water saving mechanism, Stainless steel non corrosive steam Generator, Fully Automatic water level monitoring with centrifugal refilling pump & Peristaltic pump for reagents addition.
 5. The control panel unit along with inbuilt temperature controller, timer, mother board and SMPS should be isolated in separate control tower (not rack mounted internally) and housing to protect electronics from wet chemistry & acid/ alkali process area for longevity and safety of all electronic components, with separate access door for main unit & electronics control tower unit.
 6. Equipment should have transparent view window to watch the distillation process & splash head.
 7. Non Corrosive robust metallic condensor.
 8. Nitrogen level : 0.1 to 220 mg Nitrogen (Min / Max Detection Limit)
 9. Nitrogen Reproducibility: $\pm 0.1\%$ RSD, Nitrogen Recovery : $> 99.5\%$
 10. Electrical Requirement: 220-230V single phase 50Hz A.C
 11. The OEM should be reputed with atleast 100 installations in Kerala state.
 12. The instrument shall strictly confirm to the specifications with relevant brochure & Photograph with images.
 13. The OEM should have proof of atleast 25 installations of long term users using equipments for more than a period of 10 years showing longevity of operations with recent satisfactory reports within 3 years from clients
 14. The bidders/OEM must show online demonstration of the quoted system during technical evaluation of the bids. This is an essential requirement.
 15. The instrument should be approved registered brand, Certificates issued by Trade Mark Registry under Trade Marks Act 1999 (Govt. of India)
 16. The OEM should have atleast Rs.5 Crore average Turnover in last three financial years




DIRECTOR & PI
Revolving Fund Poultry Project
CAS in Poultry Science
KVASU, Mannuthy - 680 651