

KERALA AGRICULTURAL UNIVERSITY

College of Agriculture, Vellayani

Thiruvananthapuram-695 522

Phone:0471-2388002,2381829

No. CH/PLAN/1/2017

Dated:29-01-2019

TENDER NOTICE

Sealed competitive tenders are invited by the undersigned for the supply of a **Digestion cum Distillation Unit (N Analyser)** in the *State Plan Project on ‘Establishment of a State of the Art Central Analytical Laboratory for analysis of soil, plant, water, manures and fertilizers’* as per the specifications and terms & conditions detailed below.

Detailed specifications

SINo	Item	Specifications	Qty
1	Automatic Macro Block Digestion System- 20 place, 250 ml	<ul style="list-style-type: none"> ◆ Microprocessor Based PC Compatible Economic Version ◆ Twenty Place Macro Block Digestion System- 250 ml capacity (Suitable for plants, soils, water, food & feed, Fertilizers & pesticides samples) ◆ with temperature controller, ◆ Auto over temperature protection, ◆ Auto Sensor break protection, ◆ Auto Error Indication, ◆ Temperature Accuracy : $\pm 0.5^{\circ} \text{C}$ 	1
2	Scrubber System	<ul style="list-style-type: none"> i. Four stage Semi Automatic Acid Neutralizer Scrubber (non corrosive) ii. Containers for alkali and water iii. Pump for water recirculation 	1
3	Automatic Triple Distillation System	<ul style="list-style-type: none"> i. Automatic Microprocessor based (Basic Version) PC Compatible Nitrogen Triple Distillation System ii. Colour Touch Screen Display, No. of Samples: Three at a time iii. Automatic alkali/KMnO₄ addition and steam injection iv. Automatic Dilution, Automatic KMnO₄ Addition for available nitrogen, Automatic Alkali Addition, Steam injection, v. Process over indication with alarm 	1

		vi. Inbuilt Printer and Software for Calculation of results, & documentation of results without connecting through PC. vii. Auto reagent Level Sensor with Alarm for Reagents viii. Stainless steel non corrosive steam Generator ix. Auto deactivation of operation after warning on no water condition in case of user non availability x. Nitrogen level : 0.1 to 200 mg Nitrogen (Min / Max Detection Limit) xi. Nitrogen Reproducibility: $\pm 0.1\%$ xii. Nitrogen Recovery : $> 99.5\%$	
4	Water Cooling System	Refrigerated Water Cooling System with SS tank, and submergible pump for recirculation	1
5.	Warranty	One year- During warranty period replacement of mechanical & electrical components if any should be done free of cost	
6.	SPECIAL CONDITION	<ul style="list-style-type: none"> ◆ The company should be reputed supplier with at least 10 years record of supply of the equipment with references of users. ◆ The instrument shall strictly confirm to the specifications with relevant brochure. ◆ Spares should be made available for minimum period of 10 years after the warranty period by the supplier. 	

Cost of tender forms	0.2 % of the quoted amount rounded to the nearest multiple of Rs.100/-subject to a minimum of Rs.400/- and maximum of Rs.1500/- + GST@12% (extra)
Last date & time of receipt of tender	14.02.2019 before 2.00 pm
Date & Time of opening of Tender	14.02.2019 at 2.30 pm

Terms and conditions:

1. The tender should be submitted in the prescribed form which can be downloaded from the website: www.kau.in/tenders or coavellayani.kau.in
2. The tender should be accompanied by tender fee and Earnest Money Deposit (EMD) of 1% of the cost of the quoted items (subject to minimum of Rs.1500/-) by way of two crossed Demand Drafts separately for tender fee and EMD drawn in favour of the **Dean, College of Agriculture, Vellayani payable at State Bank of India, Vellayani Branch** (IFSC Code: SBIN0070019). Late and incomplete tenders and tender without EMD, tender fee and agreement will not be accepted. Firms who are exempted from the payment of EMD should furnish copy of the currently valid certificates from Stores Purchase Department, Govt.of Kerala.
3. The tender should be accompanied by an agreement in Kerala Stamp Paper worth Rs.200/- in the format that can be downloaded from the website www.kau.in. Withdrawal of tender after its acceptance or failure to supply the items as per specifications or not according to the specifications will entail cancellation of the tender.
4. The envelope containing the tender should be superscribed as –“**Tender for the supply of a Digestion cum Distillation Unit (N Analyser)**” and should be addressed to the ‘**Dean, College of Agriculture, Vellayani P.O., Trivandrum – 695 522**’.
5. The successful tenderer should execute an agreement in Kerala stamp paper worth Rs,200/- and furnish a security Deposit of 5% of the cost of the items quoted in the form of *Term Deposit /Bank Guarantee/Demand Draft drawn in favour of the Dean, College of Agriculture, Vellayani payable at the State Bank of India, Vellayani Branch (IFSC code: SBIN0070019)* when directed from this office. The format of the agreement can be downloaded from the above website,
6. The items should be delivered at the site in the rate quoted for each item should be inclusive of all charges, taxes if any, and should be valid for one year w.e.f. the date of issue of supply order.
7. Period of firmness of the quoted rates/price should be clearly stated .in the offer.
8. Tenders will be opened in the presence of the tenderers who may be present at that time.
9. If the date of opening the tender happens to be a holiday due to unexpected circumstances like bandh, hartal etc., tenders will be opened on the next working day at the same place.
10. The Dean, College of Agriculture, Vellayani has the right to accept or reject any or all of the offers without assigning any reason. The decision of the undersigned in finalizing the tenders will be final and binding.
11. The supply order will be placed subject to the approval of the University and availability of funds.
12. Tenders insisting payment in advance either full or part are liable for rejection.

13. *The invoice should be addressed to the Dean, College of Agriculture, Vellayani.* The payment will be effected only after the satisfactory delivery of the items at the College of Agriculture, Vellayani.

14. The items should be supplied within 2 weeks from the date of receipt of supply order.

15. Payment as per the invoice will be made only after supply of the items as per specifications and tenderer is liable to replace the defective articles/rectify the defective items immediately on receipt of intimation.

16. The EMD/Security Deposits furnished will be forfeited in case the contract is not fulfilled as per the terms and conditions mentioned in the tender notice and agreement.

17. All the rules and regulations applicable to Government tenders will be applicable to this tender also.

18. Bank account credentials (Name & branch, Account No. and IFSC Code) to be furnished in the invoice for effecting payment.

19. Late and incomplete tenders will be rejected

**Sd/-
DEAN**

To
Notice Board
Copy to: www.kau.in/Tenders