

**KERALA AGRICULTURAL UNIVERSITY
KRISHI VIGYAN KENDRA, WAYANAD**

AMBALAVAYAL – 673 593

Phone : 04936 260411, Fax : 04936 260080,

e-mail: kvwayanad@kau.in kvk.Wayanad@icar.gov.in

TENDER NOTICE

No. KVK/64(16)/2018

Dated 15.02.2018

Sealed & competitive tenders are invited for the supply of the following item as per the specifications given below

Retort machine -1 No.

Cost of tender forms:

Particulars	Cost (Rs.)*
Works/supplies costing Above Rs.1,00,000/- upto Rs. 10,00,000/-	0.2% of the cost of tender rounded to the nearest multiple of 100,subject to a minimum of Rs.400/- and maximum of Rs 1500/- + 5% GST

**Please refer to [http://www.kau.in/tendersfor clarifications/further details](http://www.kau.in/tendersfor%20clarifications/further%20details)*

Last date & time of receipt of tender : **28.2.2018, 3.00 pm**

Date, time & venue of opening of tender : **28.2.2018, 3.30 pm KVK, Ambalavayal**

Specifications Retort machine

Equipment	Descriptions
Water immersion Retort	compressor, boiler, pipe line and other accessories
Retort Chamber size	550X900mm
Preparation tank size	550X900mm
Cage size	300X300X800 L m
Product details	
Ready to eat	
Package per layer	8
Layer per cage-	8
Package per cage	64 nos
No of cages in the retort	1 no
Process vessel –	Stain less steel
Dimension of process vessel	600/ 900 mm3.5 overpressure
Design pressure	
Max operation pressure	2.5 bar overpressure (transducers and sensors)
Design temperature	1350 C

Max.operational temperature(transducers and sensors)	1300 C
---	--------

<p>Process vessel specifications</p> <p>Mutistage high pressure pump for intensive circulation of the process water (Pump housing : grey cast iron impellor: SS 304)</p> <p>Vertical forced flooding over the whole length of the vessel</p> <p>Pumps and the other aggregates should fitted rear side of the vessel</p> <p>Accuracy of the controller for the temperature 0.1C</p> <p>Accuracy of the controller for the pressure 0.2 bar</p> <p>Dual colour level gauge with Transmitter</p> <p>Trolley guide with 2 rails centralize and secure the trolleys</p> <p>The process vessel should be insulated with Ceramic blanket and finished in stainless steek sheet</p> <p>Socket of 1 available for the connection to internal measuring equipment</p>
<p>Tecchnical specification of water immersion retort</p> <p>1.Retorts have dished front open type hinged with bayonet arrangement</p> <p>2.Retort internal shell fabricated with not less than 4mm thickness fabricated with SS 304L insulated with 100 mm thick ceramic wool cladding externally with 20 G of SS 304</p> <p>3.Retort have suitable internal and external piping for steam, water and compressed</p> <p>4.Retort have adequate numbers of properly designed steam nozzles, water sprinklers solenoid valve, gate valves, by pass valves, pre set spring loaded pressure safely valves, temperature, pressure guage and other necessary accessories</p> <p>5.Retort units have suitable SS trolley and baskets</p> <p>6.Retort system controlled by PLC which includes transformer, isolator, MCB,relays, display auto/manual selector, cycle on / end indicators</p> <p>7.Retort have display indicators for steam, air,water valves on/off emergency hooter to indicate excess pressure</p> <p>8.Retorts have rigid bottom iron frame work for Erection/ commissioning of the retort with suitable bolts and nuts</p> <p>9.Optional feature like SMS alert, Email reporting and SCADA</p>

Conditions for participating in Tender

1. The cost of tender form will be accepted only by **DD drawn in favour of Programme coordinator, Krishi Vigyan Kendra, Ambalavayal, 673593, Wayanad, Kerala and payable at State Bank of India, Kolagappara Branch, Ambalavayal, only**. Tender forms can be downloaded from the KAU website, and should be submitted to the undersigned along with the cost.
2. The envelope containing the tender should be super-scribed as **“Retort Machine” at KVK,Ambalavayal.** “
3. Successful tenderers should execute an agreement in Kerala stamp paper worth **Rs.100/-** as per specimen appended in the tender form. The format of the agreement is also available for reference in the KAU website (<http://www.kau.in/tenders>).
4. **One percent of the value of the tendered work rounded to the nearest rupee has to be remitted as EMD along with the tender. 5% of the value of the articles/works ordered**

for, rounded to the nearest rupee to a minimum of Rs.100/- will have to be remitted as **Security Deposit** after the tender is accepted. The amount should be remitted by means of DD/Fixed Deposit Receipt/Bank Guarantee drawn in favour of the Programme coordinator, Krishi Vigyan Kendra, Ambalavayal, **payable at State Bank of India, Kolagappara Branch, Ambalavayal, only.**

5. The rate quoted for each item should be inclusive of all charges, **taxes if any**, F O R Ambalavayal and should be valid for one year w.e.f. the date of issue of work order.
6. Period of firmness of the quoted rates/prices should be clearly stated in the offer.
7. There is one Railway Station with in 100 km (Calicut/Kozhikode) and three Road Transport Agencies (KTC, ABT and KRS) Sulthan Bathery, Wayanad within 8 km from Ambalavayal. These are the only facilities for F O R destination at Ambalavayal.
8. Tenders will be received up to **3.00 pm on 28.2.2018**. The tenders received late and without adequate documents will be rejected without any intimation.
9. Tenders will be opened at **3.30 pm on 28.2.2018** in the presence of the tenders who may be present at that time.
10. If the date fixed for receipt/opening of the tender subsequently declared a holiday, the tender will be received/opened at the same time on the next full working day.
11. **This station is not authorized to issue C forms**. Additional claims on account of this on a later date will not be entertained in any case.
12. Institutions under KAU are exempted (registered with DSIR) from payment of customs and excise duty for our procurements and hence prices quoted should be exclusive of these. Prices inclusive of ST and other taxes and installation charges, if any, may be indicated. We shall provide the necessary forms and certificates as required.
13. Payment as per the invoice will be made only after satisfactorily completion of work, as per specifications and satisfactory installation of the item. Tenderer is liable to replace the defective articles/rectify the defective item of work immediately on receipt of intimation. Payment will be made only by Cheque on fulfilment of the contract satisfactorily.
14. 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.
15. All other technical and commercial terms and conditions pertaining to the execution of work/installations to Government/Public undertakings as per the code rules in force in Kerala will be applicable in this case also.
16. Further information such as terms and conditions, detailed specifications of the work/installation, cost of tender forms etc. can be had from the office of the **Programme Coordinator, Krishi Vigyan Kendra, Ambalavayal.**

Sd/-
Programme Coordinator

