



KRISHI VIGYAN KENDRA
KOTTAYAM
KERALA AGRICULTURAL UNIVERSITY
Kumarakom, Kottayam - 686 566



No.KVK/449/2019

Date: 20.01.2020

TENDER NOTICE

Sealed competitive tenders are invited by the undersigned for the supply of following equipments to strengthen the existing processing facilities under the Project "Establishment of Mushroom cultivation And Spawn Production Unit" as per the specifications and terms & conditions detailed below.

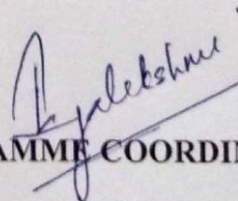
Sl No.	Item	Quantity	Specifications
1.	Vertical autoclave	1 No	• Annexure I
2.	Spilt AC- 1.5 ton	1 No	• Annexure II

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	12.02.2020 at 1.30 pm
Date & Time of opening of Tender	12.02.2020 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 **The Professor & Head, Krishi Vigyan Kendra, Kottayam payable at State Bank of India, Kumarakom Branch** (IFSC Code: SBIN0070116). 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 envelope containing the tender should be super scribed as –“**Tender for the supply of Vertical autoclave/ Spilt AC- 1.5 ton**” and should be addressed to the ‘The Programme Co-ordinator, Krishi Vigyan Kendra, Kumarakom, Kottayam, 686563.
4. 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 Professor & Head, Krishi Vigyan Kendra, Kottayam payable at the State Bank of India, Kumarakom Branch** (IFSC code: SBIN0070116). The format of the agreement can be downloaded from the above website. 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.

5. 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.
6. Period of firmness of the quoted rates/price should be clearly stated in the offer.
7. Tenders will be opened in the presence of the tenderers who may be present at that time.
8. 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.
9. The Programme Co-ordinator, Krishi Vigyan Kendra, Kottayam 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.
10. The supply order will be placed subject to the approval of the University and availability of funds.
11. Tenders insisting payment in advance either full or part are liable for rejection.
12. *The invoice should be addressed to the **The Professor & Head, Krishi Vigyan Kendra, Kottayam.*** The payment will be effected only after the satisfactory delivery of the items at this Kendra.
13. The items should be supplied and installed within 2 weeks from the date of receipt of supply order.
14. 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.
15. 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.
16. All the rules and regulations applicable to Government tenders will be applicable to this tender also.
17. Bank account credentials (Name & branch, Account No. and IFSC Code) to be furnished in the invoice for effecting payment.
18. Late and incomplete tenders will be rejected


PROGRAMME COORDINATOR

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

Annexure I
Technical Specifications for Vertical Autoclave – Qty: 1 (one) no.

1.	Autoclave with CE mark:	Yes
2.	Electrically operated, standard vertical pattern:	Yes
3.	Boiler:	heavy stainless steel
4.	Outer surface:	heavy gauge mild steel
5.	Pedal lifting arrangement lid SS:	Yes
6.	Aluminium perforated work basket:	Yes
7.	Immersion heater having automatic ejection device:	Yes
8.	Pressure gauge steam release cock and safety value fitted in the lid:	Yes
9.	Operating pressure:	15 lb. per sq.inch
10.	Plug and cord:	Yes
11.	Rating-	6.0kw
12.	Volume litre:	170-180 litres
13.	Inner and outer fully stainless steel:	Yes
14.	Digital microprocessor based temperature controller cum indicator:	Yes
15.	Water level cut of device:	Yes
16.	Pressure cut off switch:	Yes
17.	Warranty:	1 year
18.	Certificate of compliance	Yes

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Annexure II
Technical Specification for Split Air conditioner along with installation at KVK,
Kottayam- Qty- 1 unit

1.	Tonnage	1.5 TR
2.	Type of AC	Split
3.	Rated Cooling Capacity [W]	5100 (minimum) <i>bidder may offer more capacity</i>
4.	Compressor Type	High EER Rotary / Scroll
5.	Refrigerant Gas	R-32
6.	Maximum operating Ambient Temp Range [Deg C]	50
7.	Condenser Coil	Copper
8.	Power Supply [V/Hz/Ph]	230 / 50 / 1 Phase
9.	Extended warranty on compressor	5 years
10.	Vibration isolation pad (for outdoor unit)	To be provided
11.	Stabilizer	Required
12.	Stand for wall mounting	required
13.	Certificate of compliance	Yes

Split type air-conditioning unit shall comprise of hermetically sealed compressor, air cooled fin-tube condenser, low noise, low speed, statically & dynamically balanced forward curve centrifugal fan, dry type steel wire reinforced HDPE air filter, volume control damper, fin-tube evaporator coil made of heavy duty copper tube and integrally finned corrugated copper fin, drive motor, heavy gauge sheet metal cabinet, vibration isolator pad, condensate pan, control and instrumentation system, etc. The split type air-conditioners shall conform to IS 1391(Part 2): 1992 and suitable for refrigerant R-32.

Connecting Pipe [Type]	Cu-Cu
Connecting Pipe Length [Metre]	3
Connecting Cable [Metre]	3
Drain pipe [Metre]	5

Scope of work:

1. Supply, installation, testing and commissioning of the air conditioning (AC) equipment.
2. One year maintenance as per OEM supplier warranty.
3. Supply of all consumables and commissioning spares.
4. All associated electrical works such as cabling for input power including starter, cable tray, along with interconnection between outdoor and indoor units.
5. Supply and erection of all hangers, stands for both indoor and outdoor units
6. Outdoor unit of the machine to be mounted on exposed wall at a suitable height for ease in maintenance.
7. Anti-vibration pads for outdoor units to be used.
8. All associated civil works for erection of the AC machine.
9. Slope of drain pipe to be maintained for proper draining
10. Piping for Outdoor unit shall not be more than a distance of 3 m from indoor unit
11. Perforation on the wall to be made at a downward angle to ensure no water seepage. It should be plugged using suitable sealant other than cement.
12. U-bend to be provided on gas piping to ensure no water seepage over piping.
13. Refrigerant piping shall be insulated for the entire length.