UNIVERSITY OF CALICUT

(Purchase Division)

200302/PURCHASE-ASST-B1/2026/Admn (1) Calicut University P.O

29.10.2026

RE-INVITING QUOTATION NOTICE

The Registrar, University of Calicut re-invites sealed and superscribed competitive quotations for the supply of one Sanitary Napkin Incinerator Machine with Smoke Control Unit to CUTEC Malappuram. The necessary superscription, due date for the receipt of quotations and the address of the officer to whom the quotation is to be sent are mentioned in the following table. Any bids received after the time fixed on the last date of submission will be rejected.

Quotation No. 200302/PURCHASE-ASST-B1/2026/Admn 29.10.2026	
Name of the item	**Supply of Sanitary Napkin Incinerator Machine with Smoke Control Unit**
Quantity required	1 (one)
Department to which tender is invited	CUTEC, Malappuram
Last date & time for the receipt of the quotations.	**06.11.2026, 04.00 P.M.**
Date & Time of opening of Quotation	**07.11.2026, 11.00 A.M.**
Period up to which the rates are to be firm	90 days from the date of opening of the Quotation
Designation and Address of the officer to whom the Quotations are to be sent.	The Deputy Registrar, Purchase Division, University of Calicut, Calicut University P.O., Malappuram Dist., Kerala, PIN 673 635, Phone: 0494 2407130
Superscription	Quotation for the Supply of one Sanitary Napkin Incinerator Machine with Smoke Control Unit to CUTEC, Malappuram

Specification:

Sanitary Napkin Incinerator Machine with Smoke Control Unit	
Type	Wall Mountable
Purpose	Burn used Sanitary Napkins to sterile ash and stop automatically
Color	Blue
Operation Mode	Electronically operated, fully Automatic
Loading Type	Front loading
Stand provided	No
Number of chambers	NA
Trap Door available	Yes
All MS parts Powder coated	Yes
Spare parts should be available for Minimum 5 years from date of supply	Yes
All electrical parts are ISI Marked	Yes

Thickness of thermal Insulation material (mm)	25 millimetre
Thickness of MS/SS sheet of housing cabinet (external) (mm)	1.2 millimetre
Thickness of MS/SS sheet of burning chamber (internal) (mm) (Min)	3 millimetre
Machine Width(mm)	301-400
Machine Depth (mm)	301-500
Machine Height(mm)	200-500
Machine Weight(kg)	16-30
Door width(mm)	101-150
Door height(mm)	50-100
Thickness of door including insulation (mm)	25 millimetre
Internal/burning chamber shape	Rectangular cubical
Flexible emission Outlet pipe dia (mm)	50 millimetre
Detachable ash tray length (mm)	100-150
Detachable ash tray width (mm)	100-150
Detachable ash tray height (mm)	5-15
Stand Height (mm)	0 millimetre
Stand Width (mm)	NA for wall mountable
Stand Depth (mm)	NA for wall mountable
Material of Housing cabinet (External)	Mild Steel(CRCA) sheet
Material of Burning chamber (Internal)	Mild Steel(CRCA) sheet
Finish of MS parts of cabinet	NA
Material of Thermal Insulation	High Density Ceramic Board
Thermal insulation of burning chamber housed in outer chamber	Yes
Burning Chamber tray provided	Yes
Emission Outlet pipe location	Top of machine
Means of connecting the unit outlet with flue gas emission pipe	Clamped
Type of door lock provided	Latch lock
Temperature indicator provided	No
Timer provided	Yes
Auto cut-off temperature display	Yes
Digital display to see actual and set temperature	No
Minimum Burning temperature (degree C)	800
Burning Capacity per day (Number of Napkins)	100-200
Burning Capacity at a time (Number of Napkins)	1-15
Residue Ash per Napkin (gms)	1 gram
Burning time of full capacity Napkins/pads (minutes) (Max)	15 minute
Skin temperature of the unit under operation (deg C)	16-20
Installation training demonstration and	

installation, training, demonstration and plumbing included	Yes
Automatic digital controller for time	No
Automatic digital controller for temperature	No
Equipment ON/OFF indicator provided	Yes
Power supply	230v +/-10%, 50Hz, Single phase, AC supply
Electrical Power Consumption(Watt)	500-1000
Minimum length of power chord to be supplied along with machine (mtr)	2 meter
Type of Heater	Ceramic heater containing coil
Power saver (auto power cut-off)	Yes
Safety MCB provided (16A to 30A)	Yes
Protection against electric shock when checked as per IS:302-1/2008	Yes
Minimum Insulation Resistance (IR) at 500 VDC (Mega Ohm)	2
Maximum Electrical Insulation and Leakage current as per IS:302-1/2008, (mA)	0.21
Maximum earthling continuity test when tested as per IS:302-1/2008 (Ohm)	0.1
HV test at 1000 V rms for 1 Sec when tested as per IS:302-1/2008	No breakdown shall occur during the test
Type of SCU (Smoke Control Unit)	Top mounted
Material of housing of Smoke Control Unit (SCU)	Stainless Steel of SS-304 grade
Finish of MS parts of SCU cabinet	NA
Overall height of SCU (mm)	300
Overall width of SCU (mm)	100-300
Overall depth of SCU (mm)	100-300
Number of chambers for filtration of smoke emission	Not required
Both carbon Control and Foul odour Control Chambers for filtration of smoke emission	Not Required
Number of filters in Carbon control chamber	Not Required
Type of filters in Carbon control chamber	Not Required
Number of filters in Odour control chamber	Not Required
Type of filters in Odour control chamber	Not Required
Blower type	NA
Blower RPM	1800
Power supply of SCU	230v +/-10%, 50Hz, Single phase, AC supply
Minimum length of flexible emission outlet pipe to be supplied along with machine (mtr)	3
Cost of additional flexible emission outlet pipe, if	Yes

required on actuals to be paid by the user	
Conformity to CPCB, Min of Environment & Forests standard, Solid Waste Management Rules (SWM), 2016	Yes
Particulates (Half hourly average) (mg/Nm3) (Max)	50
HCl (Half hourly average) (mg/Nm3) (Max)	50
SO2 (Half hourly average) (mg/Nm3) (max)	200
CO (Half hourly average) (mg/Nm3) (Max)	100
CO (Daily average) (mg/Nm3) (Max)	50
Total Organic Carbon (Half hourly average) (mg/Nm3) (Max)	20
HF (Half hourly average) (mg/Nm3) (Max)	4
"Nox (NO and NO2 expressed as NO2) (Half hourly average) (mg/Nm3) (Max)"	400
Total dioxins and furans (6 to 8 hours sampling basis, Please refer guidelines for 17 concerned congeners for toxic equivalence values to arrive at total toxic equivalence) (ng TEQ/Nm3) (Max)	0.1
Cd + Th + their compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm3) (Max)	0.05
Hg and its compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm3) (Max)	0.05
Sb+As+Pb+Cr+Co+Cu+Mn+Ni+V+their compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm3) (Max)	0.5
Loss on ignition (max) (% dry weight of the material)	5
Packing	Carton Box
The appliance is marked as per IS:302-1/2008	Yes
Submission of Test Report from Central Govt/CSIR Lab/NABL/ILAC accredited Lab specifically containing Electrical & Electronic parameters, Thermal insulation material of burning chamber in addition to declared specification parameter at time of supply	Yes
Submission Test Report for equipment for compliance of Flue gas emission and ash upon combustion of Sanitary Napkins/Pads to Central Pollution Control Board (CPCB) norms from NABL accredited lab/CSIR Lab at the time of supply	Yes
Certification Available	Other

Certificate for Manufacturing premises available	ISO
Compliance certificate is to be furnished after conducting comprehensive performance test by the supplier	Yes
Warranty in Years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	1
Seller Registered Address	Kerala

Terms and Conditions

1. Bidder should have registered office in Kerala (documents should be submitted along with the bid).
2. The bidder should have direct engineer within 100km from the location for installation and maintenance (Documents should be submitted along with the bid).
3. The bidder should depute an experienced service engineer/ technician for assembling, installation and commissioning at the site.
4. The Bidder should provide an Escalation Matrix detailing telephone numbers for service support at each relevant level (documents should be submitted along with the bid).
5. Problem resolution should be done within 48 hours of the registration of the complaint.
6. The installation should be completed within 2 weeks of receiving the Supply/ Work order.

General Conditions

1. Withdrawal from the quotation after it is accepted or failure to supply within a specified time or according to specifications will entail cancellation of the order and purchases being made at the offerers expenses from elsewhere, any loss incurred thereby being payable by the defaulting party. In such an event the University reserves also the right to remove the defaulter's name from the list of University suppliers permanently or for a specified number of years.

2. No representation for enhancement of price once accepted will be considered during the currency of the contract.

3. Any attempt on the part of tenderers or their agents to influence the Officers concerned in their favour by personal canvassing will disqualify the tenderers.

4. If any license or permit is required, tenderers must specify in their quotation and also state the authority to whom application is to be made.

5. The quotation may be for the entire or part supplies. But the tenderers should be prepared to carry out such portion of the supplies included in their quotation as may be allotted to them.

6. In cases where a successful tenderer, after having made partial supplies fails to fulfill the contracts in full, all or any of the materials not supplied may, at the discretion of the Purchasing Officer be purchased by means of another tender/quotation or by negotiation or from the next higher tenderer who had offered to supply already and the loss, if any, caused to the University shall thereby together with such sums as may be fixed by the University towards damages be recovered from the defaulting tenderer.

7. The prices quoted should be inclusive of all taxes, duties, cesses, etc., which are or may become

payable by the contractor under existing or future laws or rules of the country of origin/supply or delivery during the course of execution of the contract.

8. Ordinarily payments will be made only after the supplies are actually verified and taken to stock but in exceptional cases, payments against satisfactory shipping documents including certificates of Insurance will be made up to 90 per cent of the value of the materials at the discretion of University. Bank charges incurred in connection with payment against documents through bank will be to the account of the contractor. The firms will produce stamped pre-receipted invoices in all cases where payments (advance/final) for release of railway receipts/shipping documents are made through Banks. In exceptional cases where the stamped receipts of the firms are not received for the payments (in advance) the unstamped receipt of the Bank (i.e. counterfoils of pay-in-slips issued by the Bank) alone may be accepted as a valid poor for the payment made.

9. Any sum of money due and payable to the successful tenderer or contractor from University shall be adjusted against any sum of money due to University from him under any other contracts.

10. Special conditions, if any, printed on the quotation sheets of the tenderer or attached with the tender will not be applicable to the contract unless they are expressly accepted in writing by the purchases.

For **Deputy Registrar**
Purchase Division
(For Registrar)