

**University College of Engineering and Technology,
Karni Industrial Area, Pugal Road,
Bikaner-334004**

INVITATION LETTER

Package Code:

Date:25/11/2019

Package Name: Thermal Evaporator

Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR Thermal Evaporator

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Item Name	Quantity	Delivery Period	Place of Delivery	Installation Requirement (if any)
1	Thermal Evaporator	1	45 days	University College of Engineering & Technology, Bikaner	SITC at Department of Ceramic Engineering, UCET, Bikaner

2. Quotation

- 2.1 The contract shall be for the full quantity as described above.
- 2.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- 2.3 All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
- 2.4 Applicable taxes shall be quoted separately for all items.
- 2.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 2.6 The Prices should be quoted in Indian Rupees only.

3. Each bidder shall submit only one quotation.

4. Quotation shall remain valid for a period not less than **55**days after the last date of quotation submission.
5. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which
 - 5.1 are properly signed; and
 - 5.2 Confirm to the terms and conditions, and specifications (as per annexure-I)
6. The Quotations would be evaluated for all items together.
7. Award of contract The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
 - 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.
 - 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be Incorporated in the purchase order.
8. Payment shall be made in Indian Rupees as follows:

Satisfactory Acceptance - 100% of total cost
9. Liquidated Damages will be applied as per the below:

Liquidated Damages Per Day Min % :0.01
Liquidated Damages Max % : 10
10. All supplied items are under warranty of **36** months from the date of successful acceptance of items and AMC/Others is**NA**.
11. You are requested to provide your offer latest by **12:00** hours on **9/12/2019**. **Quotations received will be opened on same day at 13.00 hours.**
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **As per annex 1**
14. Testing/Installation Clause (if any) **Department of Ceramic Engineering, UCET, Bikaner.**
15. Performance Security shall be applicable: **05 %**
16. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for in hard copy.
17. Sealed quotation to be submitted/ delivered at the address mentioned below, **University College**

of Engineering and Technology, Karni Industrial Area, Pugal Road, Bikaner-334004

- 18.** We look forward to receiving your quotation and thank you for your interest in this project.

(PI-CRS)

Department of Ceramic Engineering

UCET, Bikaner

Annexure - I

S.No	Item Name	Technical Specifications
	Thermal Evaporator	<p>VACUUM CHAMBER:</p> <p>A metal beljar like chamber with approx. size 290 mm inner diameter and 450 mm height should be provided in the system.</p> <p>VACUUM PUMPING SYSTEM:</p> <ul style="list-style-type: none"> • Rotary pump having a displacement capacity of 250 lit/min (15 m³/hr) or more should be provided with the system. • Oil Diffusion Pump with an effective pumping speed of 280 Lit/Sec or more should be provided with the system. • Liquid Nitrogen Trap should be incorporated in between the Diffusion Pump and the High Vacuum Valve. • Manually operated butterfly valve should be provided with the system. • Manually operated roughing and backing valve should be provided for roughing and backing operations. • <p>VACUUM MEASURING GAUGES:</p> <p>Vacuum measurement by one Penning gauge for high vacuum measurement and one Pirani gauge with two pirani gauge sensors for roughing & backing vacuum measurement should be provided.</p> <p>ULTIMATE VACUUM:</p> <p>The unit is specified to achieve an ultimate vacuum in the order of 5 x 10⁻⁶m.bar or batter in clean, cool, empty degassed condition</p> <p>EVAPORATION SOURCE:</p> <p>Single resistance evaporation source holder with clamp capable of holding filament or boat source. Electrode extension is provided to enable the source to be positioned at variable heights within the chamber.</p> <p>LT/HT current controller with selector switch and ammeter to display evaporation current.</p>

		<p>An LT transformer for use with resistance evaporation source. The transformer outputs can be set to 100/200A.</p> <p>SOURCE SHUTTER: A manually operated source shutter with rotary shaft seal, to cover the evaporation source depending on requirement should be incorporated in the chamber.</p> <p>WATER CHILLER: Water chiller should be provided with the system</p> <p>Optional Items (Quote prices separately):</p> <ul style="list-style-type: none"> • Digital thickness monitor crystals for film thickness measurement • Recommended spares/consumables for trouble free operations. <p>Note: Should be complete in all respect to electrode deposition.</p>
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Special Terms and conditions

- The bidder should provide details of service center and information on service support Facilities/escalation service matrix that would be provided after the warranty period.
- The bidder should furnish detailed technical description and original literature of the Machine.
- The bidder should arrange for pre dispatch inspection of the machine before the final delivery if suggested by the department/institution.
- The bidders should submit the proof of supplying the required items to the reputed institutions like IIT, NIT and other TEQIP III funded colleges in the last three years.
- The bidder should provide undertaking regarding installation/commissioning, and after sales service of the instruments and training/ demonstration to at least two persons of the Lab/Department of the institution.
- Certificate to the effect is required to be submitted by the bidder undertaking that the “price quoted is not more than the cost of the equipment (with same / similar specifications)” which was sold to other Govt. organizations, Universities and institutions during last one year.

FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To: _____

Sl. No.	Description of goods \ (with full Specifications, Make and Model No.)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No. _____