THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

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Enquiry No. TIET/CS/HB/20-21/20466
Date : March 31, 2021

Sub: Request for Quotation(s) for the Supply **Muffle Furnace**

Dear Sir

We shall be grateful if you kindly let us have your lowest **quotations** for the following materials. THE QUOTATIONS SHOULD REACH THE UNDERSIGNED **LATEST BY April 8, 2021 @ 11:00 Am** through **courier or e-mail** accompanied by appropriate illustrative literature/catalogues/pamphlets/technical details, samples and specifications as the case may be. **On the quotation envelope/ subject the Enquiry Number & Date should be mentioned on the top of the Envelope/mail subject.**

Sr. No.	Item Name	Qty.
1.	**Muffle Furnace (Specification Attached herewith)**	1 No.

The offer sent by you must furnish the following details:

1. Name, Make & specifications of each item.
2. **Price Breakup itemwise with MRP. (Treat it mandatory)**
3. Educational discount if any.
4. **Validity of quotation should be at least 60 Days.**
5. **GST %**
6. **Delivery FOR Central Stores TIET, Patiala**
7. Insurance, Freight & other charges if any.
8. Minimum Delivery Period.
9. **Payment terms. Net 30 days against delivery & satisfactory installation at Thapar Institute, Patiala**
10. Guarantee / Warranty Information.
11. **Also please share your Companies Turnover and Market Share along with the offer.**

Regards,

Head Commercial

TECHNICAL SPECIFICATIONS

1.	**Type of Equipment**	Muffle Furnace
2.	**Inner Muffle/ Chamber Size**	500mm x 700mm x 500mm (W x D x H)
3.	**Working Temperature**	1200^{o}C
4.	**Other Required Description :-**	
	i. Temperature of the furnace should be controlled by programmable microprocessor based PID controller, with soft touch key pad and dual display of process, and set temperature.	
	ii. Temperature set point accuracy ±1oC	
	iii. The power unit of the furnace can be phase angle fired thyristor having smooth increase of current instead of pulse type.	
	iv. The module should be with digital multi-channel data recorder, the stored data can be transferred to the pen drive and viewed on PC excel sheets.	
	v. The furnace should be mounted and heavy angle iron stand, with wheels for easy movement.	
	vi. The base of furnace should be heavy and be able to support 250Kg-500Kg weight.	