



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

TIRUCHIRAPPALLI - 620 009

DEPARTMENT OF MECHANICAL ENGINEERING

NOTICE INVITING QUOTATION

Ref No.	IIITT/2021/EEQ/2020/000327/Eq-01	Date:	16.03.2021
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Sealed quotations are invited from reputed Manufacturers / Authorized Dealers for the supply of the following item.

Name of the Item		:	Debinding and Sintering unit with Electric Muffle Furnace
Quantity Required		:	01
Specification		:	(As per enclosed Schedule Annexure – I)
1.	Quotation Reference No.	:	IIITT/2021/EEQ/2020/000327/Eq-01
2.	Last date and time for receipt of Quotation	:	07.04.2021 before 05:00 PM
3.	Tentative Date & Time of opening of Quotation (Technical BID)	:	08.04.2021 at 11:00 AM
4.	Date & Time of opening of Quotation (Price BID)	:	Will be announced after technical evaluation
5.	Pre-BID Meeting Date	:	24.03.2021 (11:00 AM)
6.	EMD Amount	:	Rs.8000/-
7.	Validity of the Quotation	:	90 days
8.	Address to which Quotations are to be sent	:	The Director, Indian Institute of Information Technology Tiruchirappalli. Tiruchirappalli – 620 009, Tamil Nadu, India.
	Kind attention to	:	Dr. VELMURUGAN C

1. Quotations should be submitted in the format given in Annexure – I (Technical BID) and Annexure - II (Price BID) (through separate sealed cover)
2. The envelope should contain the following details:

“QUOTATION AGAINST ENQUIRY (Debinding and Sintering unit with Electric Muffle Furnace – Technical BID / Price BID)

- IIITT/2021/EEQ/2020/000327/Eq-01

Kind attention to: Dr. VELMURUGAN C

Last Date and time for receipt of Quotation: 07.04.2021 before 05:00 PM



Terms and Conditions:

1.	The quotation must be in the format of Annexures I and II and should be of typed format with proper signature of the authority. Hand written rates and specification will not be accepted for evaluation. In case there is any unavoidable correction it should be clearly readable and properly attested. If not the quotation will not be considered. Hand written and incomplete quotation will be summarily rejected.
2.	<p>a) Earnest Money Deposit (EMD) is to be submitted by way of Demand Draft drawn on any Nationalized bank in India in favor of "The Director, IIIT Tiruchirappalli" payable at Trichy. The bids submitted without EMD will be treated as non-responsive and will be rejected. EMD shall bear no interest. Bidder must fill the EMD Refund Form (Annexure-III) and submit along with the quotation. EMD for this particular quotation is Rs. 8000/-</p> <p>b) EMD exemption will be given as per the GOVT of India norms.</p> <p>c) Canvassing by the Bidder in any form, unsolicited letter and post-tender correction will leads to rejection of the bid and result in forfeiture of EMD.</p>
3.	You are invited to submit your most competitive quotation for the supply of goods according to the specifications, warranty, delivery and other terms as given by the IIIT in the Annexure I.
4.	<p>Bidders may send the quotations in the sealed cover which should consist of necessary documents and separate sealed covers for Technical BID and Price BID formats with the quotation reference number and last date for receipt of quotations duly superscribed on the cover.</p> <p>NB: Mention the company Contact Number / E-mail id on the cover.</p>
5.	Quotation (Technical BID) will be opened on the day mentioned in the BDS at office IIIT Tiruchirappalli in presence of the tenderers or their representatives who may wish to be present.
6.	The Indian Institute of Information Technology Tiruchirappalli 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 order without assigning any specific reason thereof.
7.	<p>Pre-BID meeting:</p> <p>A Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS or raise their enquiries during the Pre-BID meeting if provided. The Purchaser will respond in writing to any request for clarification provided that such request is received prior to the deadline for submission of bids within a period specified in the BDS.</p> <p>The Bidder's designated representative is invited to attend a Pre-BID meeting. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.</p> <p>Absence in the Pre-BID meeting shall not be a cause for disqualification of a Bidder.</p>
8.	Samples must be submitted where specified along with the quotations. Samples must be carefully packed, sealed and labelled clearly with enquiry number, subject and sender's name for easy identification. Rejected samples will be returned at bidders cost only.
9.	All supplies are subject to inspection and approval before acceptance. Manufacturer/ Supplier warranty certificates and Manufacturer / Government approved lab test certificate shall be furnished along with the supply, wherever applicable.



10.	<p>Bid Price</p> <ul style="list-style-type: none">a. Bidders must quote for entire quantity. Each bidder shall submit only one quotation in Indian Rupee only.b. List of reputed customers should be submitted.c. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.d. All taxes, packing, forwarding and delivering other allied items at the destination shall be included in the price. All such price components may be shown in the quotation. If there is no indication regarding above charges. It will be considered as inclusive of all charges.e. In case of any discrepancy between unit price and total, the unit price shall prevail.f. Quotations containing conditions will not be considered.g. Offer from Manufacturer/ Authorized dealer alone will be accepted.
11.	<p>Evaluation of Quotations: The purchase committee will evaluate and compare the quotations determined to be substantially responsive i.e., (i) are properly signed; (ii) conform to the terms & conditions and specifications; and (iii) price offered are competitive.</p>
12.	<p>Award of Contract</p> <ul style="list-style-type: none">a. The Indian Institute of Information Technology Tiruchirappalli will award the Order for supply of Goods / Services to the Bidder whose quotation has been determined to be substantially responsive, and who has offered the lowest evaluated quotation price.b. Indian Institute of Information Technology Tiruchirappalli, prior to the expiration of the quotation validity period, will notify the bidder whose bid is accepted for the award of contract. The terms of accepted offer shall be incorporated in the purchase order.c. The successful Bidder should furnish the performance security within 15 days from the date of receipt of the order for supply of Goods / Services, failing which the order will be cancelled without further notice.
13.	<p>Warranty: 12 MONTHS shall be applicable to the supplied goods and installation work. Bidder should clearly indicate the arrangements for support and maintenance during the period for which the warranty shall be in force.</p>
14.	<p>Performance Security: The successful Bidder need to submit performance security equal to 3% of purchase order value either in the form of bank guarantee or crossed demand draft drawn on any Nationalized Bank in India in favor of "The Director, IIIT Tiruchirappalli" payable at Trichy. The Bank Guarantee / Demand Draft will be returned to the supplier after 60 days from date of successful completion of the contractual obligations and the warranty period.</p>
15.	<p>Payment: Payment will be made within 45 days from the installation, handing over of the product and after submission of necessary documents. The bill should be raised in favor of "The Director, Indian Institute of Information Technology Tiruchirappalli, Tamil Nadu, India." with institute GST No. 33AABAI0968B1Z5 No advance will be provided to the Supplier/Service provider.</p>

**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY****TIRUCHIRAPPALLI - 620 009**

16.	Liquidity Damages: If the Bidder / Supplier, after accepting the Purchase Order or supply of Goods / Services, fails to deliver any or all of the Goods or to perform Services within the period(s) specified in the Order, The Indian Institute of Information Technology Tiruchirappalli shall impose penalty without assigning any reasons to the Bidder / Supplier a sum equivalent to 0.50% of the total cost as indicated in the Purchase Order (which will be deemed as agreed price) for each week or part thereof of delay until actual delivery or performance is completed and such penal charges shall be limited to a maximum of 5% of the agreed price. Once the maximum is reached The Indian Institute of Information Technology Tiruchirappalli, may proceed on its own to consider the termination / cancellation of the Order and may inform the Bidder about the cancellation of the said purchase order. Unless extension is obtained in writing from the institute mentioning the levy of LD clause on valid ground before expiry of delivery period.
17.	If the deliveries are not maintained and due to that account Procuring Entity is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.
18.	Dispute Clause: Any dispute relating to the enquiry shall be subject to the jurisdiction of the court at Tiruchirappalli only.

**Sd-
Dy. Registrar**

ACCEPTANCE BY THE BIDDER

I/We hereby certify that I/We shall abide hereby the terms and conditions and the Annexures of this Tender.

Signature & Seal of Vendor with Date

Enclosures: 1) Technical Bid Format
2) Price Bid Format
3) EMD Refund Form
4) Bank Mandate Form

Annexure – I
Annexure – II
Annexure – III
Annexure – IV



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
TIRUCHIRAPPALLI - 620 009
DEPARTMENT OF MECHANICAL ENGINEERING

Annexure- I

TECHNICAL BID FORMAT FOR BIDDERS
Specifications of the Equipment

Ref: IIITT/2021/EEQ/2020/000327/Eq-01

Date:

S. No	Specification of IIITT	Specification of the Supplier	
1.	<u>Detailed Specifications:</u> This Debinding and Sintering unit with electric muffle furnace shall be useful to sinter the stainless steel based printed products developed using fused filament fabrication. It shall be very flexible to operate, easy to move and friendly to user. Shall have controller to adjust the temperature as per the requirement.	Make	
	Product – Country of origin	Model	
	<u>Specifications:</u> <ul style="list-style-type: none"> High Temperature Box Furnace Maximum Temperature: 1700°C Working Temperature: 1600°C Thyristor Temperature Controller Control Accuracy +/-5% 	(No hand written)	
	<u>Furnace Structure</u> <ul style="list-style-type: none"> Outside shell size: 600mm x 600mm x 900mm (min) Useful volume: 150mm (H) x 150mm (W) x 150mm (D) (min) Shell Construction: Double wall high quality fabrication (angle and body with SS & proper powder coat painting) Skin Temperature: Double wall structure with special air circulating fan to maintain the skin temperature just above the ambient Door Construction: Sophisticated system to avoid heat loss (SS door with proper insulation) Insulation: Total thickness minimum 200mm in all sides (CUMILAG 32 insulation brick) 		
	<u>Heating System</u> <ul style="list-style-type: none"> Heating elements: Element-Molybdenum di silicide rods source (1700°C) <ul style="list-style-type: none"> Shape: U shape Size: 6/12 Hot zone: 125mm Cold zone: 225mm Numbers: 04 Electrical connection: Top of the Furnace Operation : 415/3 phase/ 32A MCB with power isolation transformer Power: Each elements withstand the power of ~0.82KW and total load for elements~4 KW Maximum Temperature: 1700°C (at the element) Maximum Temperature: 1600°C (Measurable at chamber) Rate of Heating: Rapid heating ~10°C/min Temperature Uniformity: Each two heating elements should place at both sides to get the temperature uniformity 		



Reasons (if there is difference in specification)

1.

2.

S.No	Other requirements related to the Equipment	IIITT Requirement	Supplier Commitment
1.	Installation required at IIITT	YES	
2.	Demonstration/Training	YES	
3.	Warranty (in Month)	12 MONTHS	
4.	Comprehensive AMC required	-	
5.	Delivery Period (Weeks)	6 Weeks	

Please tick the type of industry you are: MSME / Large Scale

Signature & Seal of Vendor with Date

Note:

Specification of the Supplier should be given in detail, single word confirmation like 'Complied' 'Yes' 'Same' 'etc' will be treated as non-responsive Bid and summarily rejected.

Proof for the supplier's specification must be enclosed along with the quotation wherever possible (catalogue, brochure, and product website link if any).



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
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Annexure- II

PRICE BID FORMAT FOR BIDDERS

Quotation Reference No. & Date: IIITT/2021/EEQ/2020/000327/Eq-01

Bidder's Offer No. & Date:

S. No.	Description of Item	Unit (Set / No)	QTY	Rate / Qty in Rs. (excluding GST)	GST in Rs.			Total Value + GST in Rs.
					SGST	CGST	IGST	
1.	Supply Portion (The price quoted shall be inclusive of all accessories, spares etc. as given in the scope of supply) (Individual item-wise break-up price shall be attached as an annexure to this price bid format).	<u>Nos</u>	<u>1</u>					
2.	Installation and Commissioning charges (if any)	<u>YES</u>						
3.	Packing & Forwarding charges (if any)							
4.	Freight & Transit insurance charges (if any)							
5.	Total Price							
6.	Net cost							
7.	Value of Annual Maintenance Contract (AMC)							

Signature & Seal of Vendor

Note: The price quoted should be in Typed format only as per the above form. Hand written quotes will be rejected. No row shall be left blank, Kindly mention NA in case the item is "Not Applicable". If this format is not used or any column is left blank, then the bid will be rejected. AMC Value will not consider for arriving L1 bidder.



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

TIRUCHIRAPPALLI - 620 009

PROCESS COMPLIANCE/ ACCEPTANCE OF TENDER CONDITIONS
FORM

**The Director,
Indian Institute of Information Technology Tiruchirappalli,
Tiruchirappalli 620 009.**

Sub : Acceptance to the Process related & Terms and Conditions for tendering
Ref. : The Terms & Conditions mentioned in tender
No. : IIITT/2021/EEQ/2020/000327/Eq-01

Sir,

We hereby confirm the following.

The undersigned is authorized representative of the company. We have carefully gone through the IIIT Tiruchirappalli, Tender Document and the Rules governing the Tender along with this document. We have examined and have no reservations to the Bidding Documents, including addendum (if any). We offer to supply in conformity with the Bidding Documents and in accordance with the condition of contract, specified in this tender document. We will honour the Bid submitted by us during the Tender. We give undertaking that if any mistake occurs while submitting the bid from our side, we will honour the same.

Bid Securing Declaration: We accept that if we withdraw or modify Bids during the period of validity, or if we are awarded the contract and fail to sign the contract, or to submit a performance security before the deadline defined in this bids document, we will be suspended for the period of one year from being eligible to submit Bids for contracts with Indian Institute of Information Technology, Tiruchirappalli.

We are aware that if IIIT Tiruchirappalli has to carry out tender again due to our mistake, IIIT Tiruchirappalli has the right to disqualify us for this tender. We confirm that IIIT Tiruchirappalli shall not be liable & responsible in any manner when refloatal unforeseen circumstances etc. Our bid shall be valid for the period from the date fixed for the bid submission deadline, and it shall remain binding upon us and accepted at any time before the expiration of bid validity period as per this tender.

If our bid is accepted, we commit to provide a performance security of 3% in Bank Guarantee /Fixed Deposits for due performance of the contract as per IIIT Tiruchirappalli policy and warranty-guarantee as per tender specification or agrees as per contract. We understand that this bid, together with your written acceptance thereof included in your notification of award/placement of order, shall constitute a binding contract between us. We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive. We accept that the competent authority in IIIT Tiruchirappalli will have full right to reject any/ all offer(s) without assigning any reason thereof and does not bind itself to accept the lowest or any other tender and full authority to postpone the tender issue date, submission /opening date or to alter any other condition of tender /cancellation of this tender, as per policy/ committee recommendations of IIIT Tiruchirappalli at any stage without assigning any reason thereof for which no claim from whomsoever will be entertained. I/We the undersigned have read the entire terms and conditions of this Tender Document and we are fully agreeable to the terms and conditions mentioned herein. The decision of competent authority of IIIT Tiruchirappalli with respect to this Tender-Result will be fully agreeable and binding on us.

This letter can be treated as signed and acceptance copy of tender documents and the forms submitted as signed by competent authority of firm submitting this tender and there is no need to submit separate signed copy of tender document.

Competent Authority of the Firm/ Company/ Enterprises to Sign:

Name
Designation
Contact Details

Date with stamp & seal of Organization:



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
TIRUCHIRAPPALLI - 620 009
(TO BE PRINTED IN LETTER PAD OF THE FIRM)

Annexure – III

EMD Refund Form

To

The Director
Indian Institute of Information Technology,
Tiruchirappalli – 620 009.

Sub: Refund of EMD amount submitted for the Tender / Quotation.

Sir / Madam,

Our firm has participated in the Tender / Quotation Reference No mentioned below and produced the EMD amount through DD, details of the DD are given below.

Tender / Quotation Reference No	IIITT/2021/EEQ/2020/000327/Eq-01
EMD amount	
DD Number	
DD issued Bank	
Date of DD	

It is requested to return the EMD amount to our firm after completion of the purchase/tender to the below mentioned Bank account.

Account Name	
Bank Account Number	
IFSC code	
Bank Name	

Signature with Seal and Date



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
TIRUCHIRAPPALLI - 620 009

(TO BE PRINTED IN LETTER PAD OF THE FIRM)

Annexure – IV

MANDATE FORM FOR ELECTRONIC FUND TRANSFER/ RTGS TRANSFER

Date: / /

To

The Director,
Indian Institute of Information Technology,
Tiruchirappalli – 620 009, Tamil Nadu.

Sub	:	Authorization for release of Payment / Dues from Indian Institute of Information Technology Tiruchirappalli through Electronic Fund Transfer/ RTGS Transfer.
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1. Name of the Party / Firm / Company / Institute :
2. Address of the Party :
3. City_____Pin Code_____
4. E-Mail_____Mobile No:_____
5. Permanent Account Number_____
6. Particulars of Bank:

Bank Name:		Branch Name:	
PIN Code:		Branch Code:	
IFS Code:(11 digit alpha numeric code)			
Account Type	Savings	Current	Cash Credit
Account Number:			

DECLARATION

I hereby declare that the particulars given above are correct and complete. If any transaction delayed and not effected for reasons of incomplete or incorrect information I shall not hold The Director, Indian Institute of Information Technology Tiruchirappalli responsible. I also undertake to advise any change in the particulars of my account to facilitate updating of records for purpose of credit of amount through NEFT/ RTGS Transfer.

Place:_____Date: _____

Signature & Seal of the Authorized Signatory of the Party