

Institute of Infrastructure, Technology, Research And Management

(An Autonomous University, Established by Government of Gujarat) IITRAM Campus, Parishkar Campus, Near Khokhra Circle, Maninagar (East), Ahmedabad – 380026, Gujarat.

Phone: 079-67775430 e-Mail: office@iitram.ac.in Website: www.iitram.ac.in

Tender No.: 2022/33 Date: 16.12.2022

NOTICE INVITING TENDER

Important Information:

Name of Item:	BID FORM for Procurement of Fatigue Test Machine for Strength
	of Materials (SOM) Laboratory
Data of Laura of Tandar	16 12 2022
Date of Issue of Tender	16.12.2022
Tender Fee	Rs.1770.00 (Including 18% GST) (Non-Refundable)
Earnest Money Deposit (EMD)	Rs.27000.00 (<i>Refundable</i>)
Last date for Online BID	06.01.2023 till 06.00 PM
Submission	
Last date for Physical BID	09.01.2023 till 05:00 PM
Submission	
Date for Opening of Technical	11.01.2023 at 11.30 AM
BID	
Date for Opening of Financial	To be announced later through email
BID	
Tender Inviting Authority and	The I/c. Registrar,
Address	Institute of Infrastructure, Technology, Research And Management,
	Near Khokhara Circle, Maninagar (East),
	Ahmedabad – 380026, Gujarat.
	Phone: - 079-67775430

Institute of Infrastructure, Technology, Research And Management

NOTICE INVITING TENDER

Inviting Quotations through e-Tender for Procurement of Fatigue Test Machine for Strength of Materials (SOM) Laboratory

Sir,

The Institute of Infrastructure, Technology, Research And Management (IITRAM), Ahmedabad invites quotations for "Procurement of Fatigue Test Machine for Strength of Materials (SOM) Laboratory" under "Two bid system in e-Tender format." Interested parties who wish to participate in this e-Tender may obtain the Tender documents from IITRAM website www.iitram.ac.in or from https://education.nprocure.com. Firms have to submit the technical documents through RPAD, Speed Post or in Person till the last date and time prescribed for submission. Tender sent by other means will not be accepted in any case. Hardcopy of Tender Documents, Tender Fee, EMD and other essential documents should be submitted on or before 09.01.2023 till 05:00 PM in the office of the IITRAM Room No. G2, IITRAM, Near Khokhara Circle, Maninagar (East), Ahmedabad-380026. Financial bid is to be submitted in electronic form only on (n)Procure website (https://education.nprocure.com).

1. Eligibility Criteria:

- 1.1 The firm should have PAN No. Enclose a copy of the PAN Card.
- 1.2 The firm should be registered with GST. Enclose a copy of the Registration No.
- 1.3 The firm has to submit at least last three years Income Tax Return of their firm.
- 1.4 The firm has to submit the Firm Registration Certificate.
- 1.5 The firm has to submit the Authorization Letter from the Original Equipment Manufacturer (OEM).

2. General Terms and Conditions:

- 2.1 The firm has to quote the price for the item as mentioned in particular **Annexure-I.**
- 2.2 The quoted price shall include taxes, other levy payable, all freight, packing & forwarding, transportation, loading & unloading, custom duty, excise duty & other duties, other charges (if any) to supply Goods at IITRAM.
- 2.3 Rates quoted should also including training, installation, commissioning, erection and demonstration of machine/material/goods/instruments/equipment at our site.
- 2.4 The items for which quotation have been submitted must be in accordance with the specifications given in **Annexure-I.**
- 2.5 The rates quoted by the firm shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

- 2.6 The offer shall be valid up to 90 days from the date of opening of Technical bid.
- 2.7 The Tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the scheduled tender are not fully filled in. Particular attention must be paid to delivery date and also to the particulars referred to in the condition of the contract.
- 2.8 Financial bids will be opened in online format of technically qualified firms only.
- 2.9 Tender not complying with the above conditions are liable to be rejected at the sole discretion of IITRAM without any further reference / communication.
- 2.10 This tender is not transferable.
- 2.11 IITRAM reserves the right to choose, accept or reject any or all requests/deviations/offers, in full or part and also reserve the right at any stage to reduce or increase the quantity and split the order.
- 2.12 The Supplier/Vendor has to submit photocopy of following documents along with duly signed & stamped:
 - i. PAN Card
 - ii. Firm's Registration Certificate
 - iii. GST Registration Number
 - iv. Income Tax Return (Last three years')
 - v. This NIT Documents, Annexures, Appendix, etc.
 - vi. If firm is newly established, provide chartered accountant certificate to make firm eligible for tender. In case of foreign company/organization/industry, has to provide necessary document like firm registration, original manufacturing certificate etc. Otherwise, it shall be liable for disqualification of this NIT.
- 2.13 **Performance Security:** The successful firm shall be required to deposit Performance Security from any Nationalized Bank @5% of the cost of the items to be supplied for the duration of warranty plus additional two months in favor of "IITRAM" within 30 days of the receipt of the Purchase Order. If the firm fails to comply with the above requirements within the said period, the EMD already deposited by him/ them shall be applicable for forfeiture and IITRAM shall purchase the items required at the risk and cost of the successful firm.
- 2.14 This Performance Security will be returned (without any interest) within 30 (Working) days after satisfactorily completion of warranty period.
- 2.15 The successful firm shall have to enter into the Agreement in the prescribed Performa provided by IITRAM. (In Rs.300 Stamp Paper).
- 2.16 **Inspection:** Pre-dispatch inspection at Bidders site or inspection after the delivery of goods, as the case may be.
- 2.17 **Inspection Charges** @0.5% within Gujarat State and Inspection Charges @1% for outside Gujarat State of the total order value should be borne by the bidder.
- 2.18 All or any Claim(s), dispute(s) or difference(s) arising out of or in with connection with this agreement shall be subject to the jurisdiction of the Courts at Ahmedabad only.

- 2.19 Any loss or damage caused to the article in transit/Installation/Testing is to be made up item by the firm free of cost within period of 30 days.
- 2.20 If the firm is blacklisted by Central Government or State Government or any other Government body then it submitted tender will be rejected. It is essential for firm to submit <u>Appendix I</u> duly filled, signed, sealed & stamped manner in hardcopy, <u>failing which the tender will be summarily rejected.</u>
- 2.21 If there happens to be a holiday on any date indicated in the quotation, the transaction shall be performed on the next Working Day.
- 2.22 No firm shall withdraw his rates after the Tender is opened. If a firm does so, his tender related deposit/s shall be forfeited and such firm shall be considered ineligible for work/contract in future.

3. Submission of bid:

- 3.1 The Tender document can be downloaded from www.iitram.ac.in or https://education.nprocure.com. The fully filled in and complete in all respect Tender must be submitted with Tender Fee, EMD in the form of Demand Draft in separate cover in favor of the "IITRAM" payable at Ahmedabad.
- 3.2 Please mention Tender Number and Firm Name of Firm on back side of DD.
- 3.3 The EMD is refundable (without any interest) within 30 (Working) days after successful award of Purchase Order:
 - 3.3.1 EMD of unsuccessful suppliers / vendors will be returned within 30 (Thirty) working days from the date of award of Purchase Order.
 - 3.3.2 EMD of successful supplier / vendor will be returned within 30 (Thirty) working days after submission of Performance Security.
 - 3.3.3 The EMD shall be forfeited:
 - If the bidder withdraws his bid during the validity period of the bid.
- 3.4 The firm has to submit the Tender in two parts viz., (a) Technical Bid in envelop No.1 and (b) Tender Fee & EMD in envelope No.2; both these envelopes should be sealed and put together in a main covering envelope, super scribed with, Please Don't Open, bid for "Procurement of Fatigue Test Machine for Strength of Materials (SOM) Laboratory" with due date, Tender Number and complete address with contact number and email id.
- 3.5 The bidder has to provide the make, model, and detailed technical specifications of the quoted/offered item and attach a separate compliance sheet if any deviation compares to the technical specifications mentioned in Annexure-I. Mere copying of the expected technical details into the product details will not be entertained and may even lead to disqualification of the bidder. Without this information, bid submitted by the bidder will be rejected.
- 3.6 The bidder must produce the brochure, model and the make of the product being offered.

- 3.7 The bidder must have a track record for supplying the above-mentioned equipment to institutes of repute like IITs and NITs within the last five years. Enclose the copy of the same.
- 3.8 The bidder must produce Compliance Certificate for the desired equipment.
- 3.9 It is essential for firm to submit Annexures, Appendix & Tender documents (all pages) and other essential documents as mentioned in this NIT notice with duly filled, signed, sealed & stamped manner in hardcopy, failing which the firm tender will be summarily rejected.
- 3.10 The firm has to submit financial quotation online only at (n)Procure portal.
- 3.11 Price quoted "ONLINE" will only be considered for L1.

4. Evaluation of Quotations:

The tender evaluation committee of the IITRAM will evaluate and compare the received quotations to determine the substantially responsive tender i.e. (i) tender is complete (ii) properly signed (iii) confirm the terms/conditions and specifications. Further, the financial evaluation will be done only for the substantially responsive tender based on the following parameter(s):

• Total Price quoted (ONLINE ONLY) as per specifications mentioned in Annexure-I.

5. Award of Contract:

- 5.1 IITRAM will award the contract to the firm who has offered lowest price.
- 5.2 Notwithstanding the above, IITRAM reserves the right to accept or reject any quotation and to cancel the bidding process and reject all quotations at any time prior to the award of contract without giving any reason.
- 5.3 The firm whose bid is accepted will be notified of the award of contract by the IITRAM prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the Purchase Order.

6. Delivery Period & Penalty:

- 6.1 **Delivery Period:** The Equipment/ Instrument/ Machines/ Goods/ Item are to be delivered within a maximum time limit of 90 days from the issue date of Purchase Order. However, in case of imported Equipment/ Instrument/ Machines/ Goods/ Item are can be delivered within a maximum time limit of 120 days from the issue date of Purchase Order.
- 6.2 After the receipt of Items/Goods in acceptable condition at IITRAM, Ahmedabad bidder has to install Equipment/ Instrument/ Machines/ Goods/ Item within 30 Days. Bidder have to specify delivery period along with the technical documents.
- 6.3 **Penalty:** Penalty of 1% per week of order value will be charged after duration specified above individually. Further, 06 weeks or above delay from above mention days may lead to cancellation of order at the discretion of the university and forfeiting of Performance Security or EMD or Maximum Penalty shall be applicable 10%.

7. Warranty:

- 7.1 Minimum One-year complete warranty from the date of complete installation, commissioning and erection of all the Equipment/Instruments/Machines/Goods at our site.
- 7.2 Warranty certificate should be provided by Original Equipment Manufacturer (OEM) on company's letter head.

8. Terms of Payment:

• **Payment:** The 100% payment in INR will be released against clear Tax Invoice through "CROSSED BANK CHEQUE" instrument within 30 days' from successful delivery, installation and demonstration of FATIGUE TESTING MACHINE at our site.

9. Address for the Physical Bid Submission:

The I/c. Registrar,
Room No. G2,
Institute of Infrastructure, Technology, Research And Management,
Near Khokhara Circle, Maninagar (East),
Ahmedabad- 380026, Gujarat.

I/c. Registrar

(Schedule of Quantity)

1. Fatigue Test Machine Features • The experimental unit should be able to demonstrate principles of fatigue strength testing. • The experimental unit should be able to generate a stress number diagram while the test sample is subject to a reversed bending stress. • The experimental unit should be able to demonstrate influence of notch effect and surface quality on fatigue strength. • The unit must be able to demonstrate the Influence of Various Curvature Radii and Surface Qualities while experimentation. • Spindle with specimen receptable, drive motor and a loading device. The test bar should be clamped on one side by a chuck and smoothly guided in to the other side by means of a floating bearing. Testing and loading of Samples or specimens • Loading of the specimen corresponds to a clamped bending bar under a concentrated force F. to induce a triangular bending moment Mb in the specimen Expected Technical Specs • Motor speed not less than 2800 RPM Loading Device Range • Force range: 0 to 300 N • Reversed bending stress in the specimen 0 to 600 N/mm² • The system must be able to genberate reversed bending stress diagram • Loading of the specimen being performed using a calibrated spring balance. Counting of Load Cycles • 8 digit, electronic based with provision to switch in revolutions • The pulses to the counter should be supplied by means of inductive proximity sensor on the motor coupling. • The experimental unit should stop automatically once the sample is broken. Specimen (Set of Specimens to be provided along with the experimental set up) • At least 3 or more types of samples with Various Curvature Radii (small & large) and Surface Qualities to be provided with the set up. Data Acquisition • LabView Run time compatible with latest Windows OS	Sr. No.	Name of Item & Specification	Qty.					
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LabView Run time compatible with latest Windows OS		Data Acquisition						
,		LabView Run time compatible with latest Windows OS						

FORMAT FOR SUBMISSION OF COMPANY DETAILS (DATA SHEET)

Sr. No.	Particulars	Details to be filled by the Organization
1	Name of the Company	
2	Registered Office Address Telephone Number Fax Number e-Mail	
3	Correspondence Address Telephone Number Fax Number e-Mail:	
4	Details of the authorized person (Name, designation, address) Telephone Number Fax Number e-Mail:	
5	 Is the firm - Government/ Public Sector Undertaking Proprietary Firm Partnership firm (if yes, give partnership deed) Limited company or Limited Corporation Member of a group of companies (if yes, give name and address and description of other companies) Subsidiary of a large corporation (if yes give the name and address of the parent organization) If the company is subsidiary, state what involvement if any, will the parent company have in the project. 	
6	Goods & Service Tax Number (GST):	
7	Permanent Account Number (PAN) of the firm.	

	Seal & Signature of Company
Date:	
Place:	

FINANCIAL BID

(Format for Submission of Financial Details)

(Data Sheet to be submitted ONLY Online at (n)Procure Portal)

Sr. No.	Name of Items	Qty.	Rate (Without	Total Amount	GST Slab Rate		
A	В	C	GST)	(INR) $E = (C*D)$	(%) F		
1.	Fatigue Test Machine	01 Nos.					
		This table of financial bid is stated for reference purpose only and please do not disclose any price					
	here	at the ti	me of submis	sion of this docu	iment.		

Declaration:

I/We hereby declare and affirm that I/We have read and understood the terms and conditions of the contract as stipulated in this NIT.

	Seal & Signature of Company
Date:	
Place:	

Appendix - I

UNDERTAKING

I,				_ hereby	declare that Fin	m / Comp	oany / Agei	ncy /
Organization	/	Partnership	firm	/	Proprietary	firm	titled	as
				ha	s not been blackl	isted or ba	nned or deb	arred
at any stage from	incep	otion till this date b	y any of	the NITs	s / IITs / IIITs / C	entral Univ	versities / IIS	SERs
/ CSIR Labs Ce	entral	and State Gover	nment b	ody / Ps	SUs / Autonomo	ous Institu	te or any (Other
Government Orga	anizat	ion. In case of the	any fraud	dulency,	the Firm / Compa	any / Agend	cy / Organiz	ation
/ Partnership firm	ı / Pro	prietary firm is fu	lly aware	that the	tender / contract	will be rej	ected / canc	elled
by IITRAM and	EMD	/ Performance Sec	curity or	any depo	sited amount sha	ıll be forfei	ted.	
In addition to ab completed/suppli		IITRAM will not ork.	be respo	nsible to	pay the bills fo	r any com	pleted / par	tially
					Seal and	d Signatur	e of Compa	any
Date:								
Place:								