National Institute of Technology, Mizoram,CHALTLANG, AIZAWL, MIZORAM-796012

INVITATION LETTER

Package Code: TEQIP-III/nitz/31   **Current Date: 15-Oct-2019**

Package Name: NITMZ/CSE   **Method: Shopping Goods**

To,

Vendors Name and Address

Sub: INVITATION LETTER FOR NITMZ/CSE

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	Place of Delivery	Installation Requirement (if any)
1	Microprocessor Laboratory	1	National Institute of Technology Mizoram, Chaltlang, Aizawl, Mizoram, 796012	Required

2.   Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3.   **Quotation**

3.1   The contract shall be for the full quantity as described above.

3.2   Corrections, if any, shall be made by crossing out, initialling, dating and re writing.

3.3   All duties and other levies payable by the supplier under the contract shall be included in the unit Price.

3.4   Applicable taxes shall be quoted separately for all items.

3.5   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.

3.6   The Prices should be quoted in Indian Rupees only.

4.   Each bidder shall submit only one quotation.

5.   Quotation shall remain valid for a period not less than **45** days after the last date of quotation submission.

6.   Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which

6.1   are properly signed; and

6.2   Confirm to the terms and conditions, and specifications.

7.   The Quotations would be evaluated for all items together.

8.   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.

8.1   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.

8.2   *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.*

9.   Payment shall be made in Indian Rupees as follows:

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
Satisfactory delivery, installation & acceptance	30	100

10.   Liquidated Damages will be applied as per the below:

Liquidated Damages Per Day Min %: N/A

Liquidated Damages Max %: N/A

11.   All supplied items are under warranty of **36** months from the date of successful acceptance of items and AMC/Others is **YES.**

12.   You are requested to provide your offer latest by **04:00** hours on **28-Oct-2019.**

13.   Detailed specifications of the items are at Annexure I.

14.   Training Clause (if any) **TRAINING IS REQUIRED**

15.   Testing/Installation Clause (if any) **TESTING/INSTALLATION IS REQUIRED**

16.   Performance Security shall be applicable: **%**

17.   Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

18. Sealed quotation to be submitted/ delivered at the address mentioned below,

    National Institute of Technology, Mizoram, CHALTLANG, AIZAWL, MIZORAM-796012

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

(LALTHIANGHLIMI ZOTE)

Dy. Registrar (F & A)

NIT Mizoram

Annexure I

Sr. No	Item Name	Specifications
1	Microprocessor Laboratory	1. 8085 microprocessor Trainer Kit with LED - 15 units 2. 8086 Microprocessor Trainer Kit LED - 5 units 3. Stepper Motor Controller Card with motor - 15 units

Details of Items for Microprocessors Laboratory

Sl No	Particulars	Quantity	Rate (App rox.)	Estimated Amount (in INR)	Justification
	8085 Microprocessor Trainer Kit with LED **Specification:** ➤ Based on 8085 CPU operating at 6.144 MHz crystal ➤ 8K bytes of EPROM loaded with powerful monitor program ➤ 8K bytes of RAM available to the user ➤ Total on board memory expansion upto 64K bytes using 2732/2764/27128/6264/ 62256 with 1 socket of 28 pin ➤ Battery backup for RAM with 3.6V rechargeable cell ➤ Memory mapping definable by the user ➤ 16 bit programmable TIMER/COUNTER using 8253 ➤ Additional serial port using 8251 (OPTIONAL) ➤ Real Time Clock (OPTIONAL) ➤ 24 I/O lines provided through 8255 ➤ RS-232C interface through SID/SOD Lines with Auto baud rate	15	4800	72,000/-	These equipment are necessary for setting up of Microprocessor Lab for use in conjunction with UG course, which is widely used to train engineers to develop software/hardware for any industrial process & control. These Kits consists of power-full Monitor EPROM, RAM,I/O Lines, Timer/Counter, Serial, and 20x2 LCD Display and Keyboard for Man to Machine Interface. User friendly Firmware confirms facilitating the beginners learns operations of a

	➤ Two modes of commands: Hex Key pad & Serial mode ➤ All address, data & control lines are buffered and made available at the edge connector as per STD bus configuration ➤ 25/28 key hexadecimal keyboard and six seven segment displays through 8279 ➤ Powerful software commands like Relocate, String, Fill, Insert, Delete, Block Move, Examine/Compare Memory, Examine Register, Insert Data, Delete Data, Single Step, GO, Break Point in both Serial & Keyboard mode ➤ Facility for Downloading/Uploading files from/to PC ➤ Enclosed in an attractive ABS plastic cabinet with cover ➤ In-built Power supply ➤ User's Manual				microprocessor quickly.
2	**8086 Microprocessor Trainer Kit LED** **Specification:** ➤ Based on Intel's 8086/8088 CPU operating at 2.5/5MHz ➤ 16K bytes of RAM available to the user using 6264 ➤ 16K bytes of EPROM loaded with powerful monitor program (2764/27128) ➤ Total on board memory capacity of 128KB of RAM & 128KB of EPROM ➤ Battery backup provided for RAM area ➤ 48 I/O lines through 2 nos. of 8255	5	5800	29,000/-	

	➤ 16 bit Timer/Counter through 8253 ➤ RS-232C for CRT Terminal through 8251 Baud rate selection through DIP switch from 110-19,200 baud ➤ 25/28 keys hexadecimal keyboard & eight seven segment display. ➤ Resident Monitor with two modes of operation: Keyboard mode & Serial mode ➤ Powerful software commands like GO, EXAMINE/ MODIFY REGISTERS, SINGLE STEPPING, BLOCK MOVE, FILL, INSERT, DELETE, INPUT/OUTPUT BYTE & WORD ➤ Facility for uploading/downloading of files from/to PC ➤ All Address, Data and Control Signals, are buffered and available at the FRC connector ➤ Enclosed in an attractive ABS plastic cabinet ➤ In-built Power Supply ➤ User's Manual				
3	**Stepper Motor Controller Card with Motor**	15	4000	60000/-	
	Total Cost(One Lakh Sixty One Thousands Only)			1,61,000/-	

The total estimated cost of Microprocessor Lab is INR **1,61,000.00**

FORMAT FOR QUOTATION SUBMISSION

[In letterhead of the supplier with seal]

Date: _____

To: _____

Sl. No.	Description of goods \ (with full Specifications)	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. _____