

## INVITATION FOR QUOTATION

TEQIP-III/2018/duie/Shopping/12

27-Apr-2018

To,

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### Sub: Invitation for Quotations for supply of Goods

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	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	7-segment display interface	5	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam-786004	Yes
2	8051 microcontroller kit	10	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam-786004	yes
3	8085 trainer kit	15	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam-786004	yes

4	8086 tranner kit	15	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam- 786004	Yes
5	ADC interface module	5	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam- 786004	Yes
6	keyboard display	5	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam- 786004	Yes
7	stepper motor interface	5	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam- 786004	Yes
8	Traffic light controller	5	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam- 786004	Yes

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, initialing, 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.

4	8086 tranner kit	15	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam- 786004	Yes
5	ADC interface module	5	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam- 786004	Yes
6	keyboard display	5	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam- 786004	Yes
7	stepper motor interface	5	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam- 786004	Yes
8	Traffic light controller	5	30	Director, Duiet, Dibrugarh University, Dibrugarh, Assam- 786004	Yes

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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, initialing, 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 15 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:  
**Delivery and Installation - 100% of total cost**  
**Satisfactory Acceptance - 0% of total cost**
10. All supplied items are under warranty of 36 months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **16:00** hours on **12-May-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Yes**
14. Testing/Installation Clause (if any) **Yes**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,  
Dibrugarh University, Dibrugarh, Assam- 786004.
17. We look forward to receiving your quotation and thank you for your interest in this project.

  
 27/04/18  
 (Authorized Signatory)  
**Director**  
 Name & Designation  
 Dibrugarh University Institute  
 of  
 Engineering & Technology, DU

**Annexure I**

Sr. No	Item Name	Specifications
1	7-segment display interface	<ul style="list-style-type: none"> <li>• 8051 Evaluation Board, 8085 &amp; 8086/88 Trainer Kits should be supported, FRC cables connectors should be supplied, should be covered with protective boxes as they are for training purpose, Complete documentation including schematic diagrams and interface details should be provided.</li> </ul>
2	8051 microcontroller kit	Target board 8051 with MCU ? 24 MHZ Clock frequency ? 64KB RAM ? 64 KB ROM ? One USB and one RS232 port ? LED with demonstration/example programs ? Boards should be supplied with schematic diagrams, necessary cables, power supplies etc. ? It should be possible to expand these boards with additional hardware like 8 Channel 12 Bit ADC Interface with MUX, Elevator Interface, Stepper Motor Interface with Stepper Motor (3Kgcm) & Power Adapter, 6-digit, 7-Segment Display with Calculator KBD Interface, Traffic Lights Interface, 4-Digit, 7-Segment LED Display Interface etc. Target board should be compatible with industry leading IDE/Software.

3	8085 trainer kit	<p>It should operate on SINGLE +5V power supply in on board keypad mode or from host PC through RS-232- C interface. ? In both stand alone and serial modes, user can enter programs, run them at full speed and debug them through breakpoint and single step facilities. ? It should allow program editing through , and BLOCK MOVE commands. ? It should allow direct read/write from/to a specified I/O port through IN BYTE and OUT BYTE commands. ? It should have four on board ribbon cable connectors for easy expansion and two user defined function keys. ? On board battery backup for RAM. ? It should be compatible with many interface modules like 8 Channel 12 Bit ADC Interface with MUX, Elevator Interface, Stepper Motor Interface with Stepper Motor (3Kgcm) &amp; Power Adapter, 6-digit, 7-Segment Display with Calculator KBD Interface, Traffic Lights Interface, 4- Digit, 7-Segment LED Display Interface etc. ? It should have built in Text editor, Assembler and Disassembler facilities in serial mode. ? It should operate at 3.072 MHz. ? MEMORY : Three 28 pin JEDEC sockets offer 64K Bytes of memory as in the following configuration. ? ROM : 16K Bytes of monitor program in 27128 EPROM. ? ROM / RAM : 16K Bytes user expansion using any EPROM/SRAM. ? RAM : 32K Bytes supplied using 62256 CMOS static RAM with battery backup. ? 8255 : (Two Nos) One 8255 is supplied to give 24 programmable I/O lines. User can have 48 I/O lines by populating an additional 8255 in expansion socket. ? 8253 : 3 programmable interval timers - Timer 0 is used for implementing single step facility, Timer 1 is used for generating baud clock and Timer 2 is available to the user. ? 8251 : For serial communication. Supports all standard bauds from 110 to 19200. ? 8279 : To Control 32 keys keyboard and 6-digit, half-inch size, seven segment LED display. Bus Expansion : Fully de-multiplexed and buffered TTL compatible bus signals brought out through two 26 pin ribbon cable connectors for expansion. ? Parallel I/O: 48 TTL compatible lines (2x8255) brought out through two 26 pin ribbon cable connectors. Serial I/O : RS-232- C serial interface signals through on board 9 pin D type female connector</p>
4	8086 trainer kit	<p>It should have on-board provision to interface optional LCD &amp; PC keyboard. ? It should have a powerful, general purpose microprocessor trainer which can be operated either with 8086 CPU or 8088 CPU with a clock frequency of 8MHz in maximum mode. ? It</p>

		<p>should be versatile and can be configured in a variety of ways via jumper options, to suit specific user requirements. ? The basic system can be easily expanded through the system bus connectors. ? User can have full 1MBytes of addressable memory. ? 128K Bytes of powerful system firmware provides keyboard monitor, serial monitor, single-line assembler, disassembler and driver programs for parallel printer interface. ? The software for the optional PROM programmer interface is also included in the firmware. ? It should be compatible with many interface modules like 8 Channel 12 Bit ADC Interface with MUX, Elevator Interface, Stepper Motor Interface with Stepper Motor (3Kgcm) &amp; Power Adapter, 6-digit, 7-Segment Display with Calculator KBD Interface, Traffic Lights Interface, 4- Digit, 7-Segment LED Display Interface etc. ? Driver software for file upload / download to / from host PC. ? Provision for system bus expansion through FRC. ? Provision for on-board 8087 NDP ? 6 JEDEC 32 pin sockets provide the following memory configuration : ROM : 256K bytes (128K X 2) system firmware using 27C010 RAM : 256K bytes using 628128 (128K X 2) upgradable to 512K bytes using 628512 (256K X 2) Peripherals like 8255, 8253, 2681, 8042, 8259A, 8288, 8254, AD 1674, DAC 0800 should be there.</p>
5	ADC interface module	<ul style="list-style-type: none"> <li>• 8051 Evaluation Board, 8085 &amp; 8086/88 Trainer Kits should be supported, FRC cables connectors should be supplied, should be covered with protective boxes as they are for training purpose, Complete documentation including schematic diagrams and interface details should be provided.</li> </ul>
6	keyboard display	<ul style="list-style-type: none"> <li>• 8051 Evaluation Board, 8085 &amp; 8086/88 Trainer Kits should be supported, FRC cables connectors should be supplied, should be covered with protective boxes as they are for training purpose, Complete documentation including schematic diagrams and interface details should be provided.</li> </ul>
7	stepper motor interface	<ul style="list-style-type: none"> <li>• 8051 Evaluation Board, 8085 &amp; 8086/88 Trainer Kits should be supported, FRC cables connectors should be supplied, should be covered with protective boxes as they are for training purpose, Complete documentation including schematic diagrams and interface details should be provided.</li> </ul>

8	Traffic light controller	<ul style="list-style-type: none"><li>• 8051 Evaluation Board, 8085 &amp; 8086/88 Trainer Kits should be supported, FRC cables connectors should be supplied, should be covered with protective boxes as they are for training purpose, Complete documentation including schematic diagrams and interface details should be provided.</li></ul>
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**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)
<b>Total Cost</b>							

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: \_\_\_\_\_