



DEAN FACULTY AFFAIRS (IPD, UD TEQIP-III, RTU KOTA)
UNIVERSITY DEPARTMENTS
RAJASTHAN TECHNICAL UNIVERSITY
RAWATBHATA ROAD, KOTA-324010 (RAJASTHAN)
(email id: teqiprtu@gmail.com)

INVITATION LETTER

31

Package Code: TEQIP-III/RJ/ucek/49/1276-79
Package Name: Microcontroller (Emulator)

Current Date: 30-Aug-2019
Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR Microcontroller (Emulator)

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	8085 MICROPROCESSOR TRAINER KIT	15	RTU KOTA	
2	8051 Microcontroller kits	15	RTU KOTA	
3	ARM Cortex Board	10	RTU KOTA	
4	IoT Enabled ARM development Kit	4	RTU KOTA	
5	IoT based Evaluator Kit and Testing	8	RTU KOTA	
6	INTERFACING COMPONENTS	1	RTU KOTA	
7	INTERFACING COMPONENTS	1	RTU KOTA	
8	INTERFACING COMPONENTS	1	RTU KOTA	
9	INTERFACING COMPONENTS	1	RTU KOTA	
10	INTERFACING COMPONENTS	1	RTU KOTA	

11	INTERFACING COMPONENTS	1	RTU KOTA	
12	INTERFACING COMPONENTS	1	RTU KOTA	
13	INTERFACING COMPONENTS	1	RTU KOTA	
14	INTERFACING COMPONENTS	1	RTU KOTA	
15	INTERFACING COMPONENTS	1	RTU KOTA	
16	INTERFACING COMPONENTS	1	RTU KOTA	
17	INTERFACING COMPONENTS	1	RTU KOTA	
18	INTERFACING COMPONENTS	1	RTU KOTA	
19	INTERFACING COMPONENTS	1	RTU KOTA	
20	INTERFACING COMPONENTS	1	RTU KOTA	

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 **90**days after the last date of quotation submission.

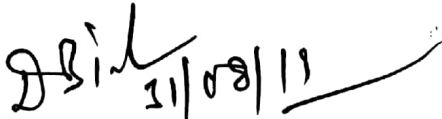
6. **Evaluation of Quotations:** The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which

- 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	30	90
Satisfactory Acceptance	30	10

10. Liquidated Damages will be applied as per the below:
 Liquidated Damages Per Day Min %:0.01
 Liquidated Damages Max %:10
11. All supplied items are under warranty of 12 months from the date of successful acceptance of items and AMC/Others is 0.
12. You are requested to provide your offer latest by 17:00 hours on 13-Sep-2019.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **yes**
15. Testing/Installation Clause (if any) **yes**
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, **University College of Engineering Kota, Dean, University Departments and IPD, Rajasthan Technical University, Kota Rawatbhata Road, Kota-324010**
19. We look forward to receiving your quotation and thank you for your interest in this project.

Handwritten signature and date: 31/08/19

(Authorized Signatory)

Name & Designation

**Institutional Project Director
TEQIP-III, UD, RTU, KOTA**

Annexure I

Sr. No	Item Name	Specifications
1	8085 MICROPROCESSOR TRAINER KIT	<ul style="list-style-type: none">• Diagrammatic representation of full system• Powerful monitor program• Battery backup for RAM• Three channel Timer/counter using 8253• 48 I/O lines using 8255• On board EPROM programmer for 27 series• On board 8 channel ADC• On board DAC• Facility of downloading and uploading the files from PC.• Two command mode interface• ASCII Keyboard• Serial Mode• All Address and Control lines are available on 50-pin Connector• Manual
2	8051 Microcontroller kits	<ul style="list-style-type: none">• On-board bridge rectifier enables the board to accept both AC and DC Input voltages• Recommended Input Voltage: 9-12V• Min-Max Input Voltage: 9-18V• 5 mm standard DC plug-in jack for power supply• On-board 5V regulator (LM7805) circuit.• On-Board power supply on-off switch• Power Status LED (RED)• User LED (GREEN) connected to P2.0 through jumper JP3.• User Switch connected to P3.7 through jumper JP2.• On-board 11.0592 MHz crystal• Port extensions for all ports with detailed pin labelling for easy identification of pins• External pull-up resistors for Port 0• On-board MAX232 interface circuit for easy communication with a computer and other serial devices (GPS modules, GSM Modems, etc)• On-board ISP connector for loading HEX file into AT89S51/52.• 12V, 5V and GND bus provided for external peripheral.• High quality FR-4 (1.6 mm) PCB• Four 3mm mounting hole for easy mounting
3	ARM Cortex Board	ARM Cortex M0 Board along with JTAG on-board with small form factor
4	IoT Enabled ARM development Kit	Raspberry pi/ARM Cortex A 53 based IoT trainer kit along with various sensors
5	IoT based Evaluator Kit and Testing	Arduino UNO based IoT kit for LoRaWAN evaluation along with sensors
6	INTERFACING COMPONENTS	8 channel 12 bit ADC interface with MUX
7	INTERFACING COMPONENTS	16 channel 8-bit ADC interface
8	INTERFACING COMPONENTS	DAC for ADC and temperature sensor interface
9	INTERFACING COMPONENTS	Dual slope ADC interface

10	INTERFACING COMPONENTS	Logic controller interface
11	INTERFACING COMPONENTS	LCD (16×2) interface
12	INTERFACING COMPONENTS	Musical tone generator interface
13	INTERFACING COMPONENTS	Opto isolated i/p interface
14	INTERFACING COMPONENTS	Opto isolated o/p interface
15	INTERFACING COMPONENTS	Real time clock interface
16	INTERFACING COMPONENTS	Stepper motor interface with stepper motor (3kgcm)
17	INTERFACING COMPONENTS	Crystal clock divider interface
18	INTERFACING COMPONENTS	DC motor interface
19	INTERFACING COMPONENTS	TXDR interface using PT100 with ADC
20	INTERFACING COMPONENTS	4×4 matrix Hex keypad interface

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							

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.
Gross Total Cost (A+B): Rs. _____ (Amount in figures)
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. _____



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UNIVERSITY DEPARTMENTS
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(email id: teqiprtu@gmail.com)

Instructions for bidders for each procurement package under UD TEQIP-III

1. The packages are uploaded and the detail & specifications are provided for individual package as per the TEQIP-III norms.
2. The interested vendors are requested to check the website regularly for update/modification/or any change in the terms and conditions or any other requirement.
3. **Envelope containing the quotations should be properly sealed and shall bear the "TEQIP-III Package name:..... and Code.....", on the front side of the envelope.**
4. In the event of the specified date for submission of quotations being declared a holiday, the quotations will be received up to 5:00 P.M on the next working day.
5. Any quotations received after the deadline for submission of quotations prescribed, will not be considered.
6. No credit will be given to earlier deliveries and quotations offering delivery beyond the stipulated delivery period will be treated as non-responsive.
7. The supplier shall seal the original copy of the quotations in envelopes, duly marking the envelopes with the address as mentioned below:
CENTRAL DESPATCH (REGISTRAR OFFICE)
DEAN FA & IPD, UD TEQIP-III,
UNIVERSITY DEPARTMENTS
RAJASTHAN TECHNICAL UNIVERSITY
RAWATBHATA ROAD, KOTA-324010
(RAJASTHAN)
8. Supplier must provide the contact details such as Contact Person, Complete address, Tel. No. / Mobile No. E-Mail ID, TAN No., TAX No, PAN No., GST No....etc.
9. All the taxes, levies, duties, AMC's and various overhead charges if any, shall be mentioned while submitting the offer strictly in the attached format.
10. Completion Certificates of past supplies, Warranty/ Defect Liability, Drawings, Dispute Resolution, Arbitration, Force Majeure, Historical data in relation to the tender like annual reports, turn over detail etc can be submitted with the quotations, as a supporting document.
11. The Prices Ex. RTU Kota should be quoted in Indian Rupees only.
12. Penalty for late delivery will be levied as per the RTU/TEQIP-III norms & conditions.
13. Award of contract notwithstanding the above mentioned conditions, UD TEQIP-III reserves the right to accept or reject any quotations/ package(s) to cancel the procurement packages and reject all quotations at any time prior to the award of contract.
14. Venue for Opening of quotations is Dean Faculty Affairs & Institute Project Director (IPD UD TEQIP-III), University Departments, Rajasthan Technical University, Kota – 324010,