



# SHIVAJI UNIVERSITY, KOLHAPUR

## Department of Technology

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Accredited By NAAC

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### INVITATION FOR QUOTATION

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TEQIP-III/2019/dtsk/Shopping/65

26-Feb-2019

To,

**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	IOT Laboratory Setup	1	30	Department of Technology Shivaji University Kolhapur	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.

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:

**Delivery and Installation - 90% of total cost**

**Satisfactory Acceptance - 10% of total cost**

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **18:00** hours on **23-May-2019** .
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,
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)  
Name & Designation

### Annexure I

Sr. No	Item Name	Specifications
1	IOT Laboratory Setup	<p><b><u>IoT Gateway No-01 Features</u></b></p> <p>IOT Gateway solution based on Quark™ processor at 400 MHz,256 MB DDR3 RAM, 8 MB NOR flash,10/100 Ethernet, mPCIe slot, Yocto Project* Arduino* compatible C/C++, Python* , Node.js* , HTML5, JavaScript with Power supply.</p> <p><u>Programming Environment</u> : Software (eIoT Pro Package Professional ):</p> <p>USB pen drive with custom OS for easy programming, c/c++/ Java programming environment, Integrated Sensor/Actuator Library</p>

		<p>Integrated Sensor/Actuator Library for : Medical Sensors, Agricultural Sensors, Home Automation Sensors, Automotive Sensors, Environmental Sensors, Electrical Sensors, Robotic Sensors, Webcam with integrated V422 Library, Face Detection, AWB + H3 Algorithms, Integrated Security, Integrated IoT agent with Cloud connectivity, Integrated MQTT Protocol, Integrated Wi-Fi /BT stack, Support for GSM/BLE/ 6LowPAN Modules.</p> <p>Wi-Fi 150Mbps adaptor, USB to FTDI Cable, Ethernet LAN Cable, 8GB Micro SD Card, Two Antennas.</p>
		<p><b>IoT NODE No-01 Features:</b> Programmable Wi-Fi module, Arduino-like (software defined) hardware IO, Can be programmed with the simple and powerful Lua programming language or Arduino IDE, USB-TTL included, plug &amp; play, 10 GPIOs DO-D10, PWM functionality, IIC and SPI communication, 1-Wire and ADC A0 etc. all in one board, Wi-Fi networking (can be used as access point and/or station, host a web server), connect to internet to fetch or upload data, Event-driven API for network applications, PCB antenna.</p>
		<p><b>IoT Gateway No-02 Features:</b> CPU: Quad-core 64-bit ARM Cortex A53 clocked at 1.2 GHz, GPU: 400MHz Video Core IV multimedia, Memory: 1GB LPDDR2-900 SDRAM (i.e. 900MHz), USB ports: 4, Video outputs: HDMI, composite video (PAL and NTSC) via 3.5 mm jack, Network: 10/100Mbps Ethernet and 802.11n Wireless LAN, Peripherals: 17 GPIO plus specific functions, and HAT ID bus, Bluetooth: 4.1, Power source: 5 V via Micro USB or GPIO header, Size: 85.60mm × 56.5mm, Weight: 45g (1.6 oz)</p>
		<p><b>IoT NODE No-02 Features:</b> 1GHz, Single-core CPU, 512MB RAM, Mini HDMI and USB On-The-Go ports, Micro USB power, HAT-compatible 40-pin header, Composite video and reset headers, CSI camera connector, 802.11n wireless LAN, Bluetooth 4.0</p>
		<p><b>IoT Gateway No.3 Features:</b> Processor: AM335x 1GHz ARM® Cortex-A8, 512MB DDR3 RAM, 4GB 8-bit eMMC on-board flash storage, 3D graphics accelerator, NEON floating-point accelerator, 2x PRU 32-bit microcontrollers, Connectivity, USB client for power &amp; communications, USB host, Ethernet, HDMI, 2x 46 pin headers</p>
		<p><b>NODE No-03 Features:</b> CC3200 Simple Link Wi-Fi—Consists of Applications Microcontroller, Wi-Fi Network, Processor, and Power-Management Subsystems, Wi-Fi CERTIFIED™ Chip, Applications Microcontroller Subsystem, ARM® Cortex®-M4 Core at 80</p>

		<p><b>Sensors:</b> MQ2 gas sensor, MQ3 gas sensor, MQ7 gas sensor, smoke detector sensor, air quality sensor, alcohol sensor, proximity sensor, ultrasonic sensor, current sensor, hall effect sensor, temperature &amp; humidity sensor, sunlight sensor, ultraviolet sensor, moisture sensor, rain sensor, ADXL335 accelerometer, RFID sensor, 6 AXIS GYRO sensor, PIR motion sensor, water flow sensor, MIC, RGB LCD, relay, buzzer, button, light sensor, rotary angel sensor, touch sensor, temperature sensor, servo motor.</p>
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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: \_\_\_\_\_