



# THE NATIONAL INSTITUTE OF ENGINEERING

(An Autonomous Institution)

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME PHASE-III

Manandavadi Road, Mysuru – 570 008.

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Date: 21-04-2018

## Invitation for Quotations

Quotations are invited for the procurement of the following equipments under TEQIP– III

Equipment: IOT kit, Quantity -10 each.

Sr. No	Item Name	Specifications
1	Raspberry Pi 3 Model B+	<ul style="list-style-type: none"><li>• Broadcom BCM2837B0, Cortex-A53 (ARMv8) 64-bit SoC @ 1.4GHz • 1GB LPDDR2 SDRAM • 2.4GHz and 5GHz IEEE 802.11.b/g/n/ac wireless LAN, Bluetooth 4.2, BLE • Gigabit Ethernet over USB 2.0 (maximum throughput 300 Mbps) • Extended 40-pin GPIO header • Full-size HDMI • 4 USB 2.0 ports • CSI camera port for connecting a Raspberry Pi camera • DSI display port for connecting a Raspberry Pi touchscreen display • 4-pole stereo output and composite video port • Micro SD port for loading your operating system and storing data • 5V/2.5A DC power input • Power-over-Ethernet (PoE) support (requires separate PoE HAT)</li></ul>
2	Raspberry Pi Camera Module v2	Still resolution: 8 Megapixels Video modes: 1080p30, 720p60 and 640 × 480p60/90 Linux integration: V4L2 driver available C programming API: OpenMAX IL and others available Sensor: Sony IMX219 Sensor resolution: 3280 × 2464 pixels Sensor image area: 3.68 x 2.76 mm (4.6 mm diagonal) Pixel size: 1.12 μm x 1.12 μm Optical size: 1/4" Focal length: 3.04 mm Horizontal field of view: 62.2 degrees Vertical field of view: 48.8 degrees Focal ratio (F-Stop): 2.0
3	Robocraze 3.2 inch LCD touch display module 320*240 TFT resistive touch screen panel with SPI interface for raspberry pi	Designed for Raspberry Pi for easy to use Supports any revision of Raspberry Pi (directly-pluggable) Supports Raspbian system High quality immers gold surface plating Raspbian IMG Provided Resolution of 320x240 (Pixel) LED backlight Display Temperature range -20~70? Package included: 1 x 3.2inch RPi LCD Board ,1 x Touch Pen
4	Robomart Flying Quad copter DIY KIT RM0857	<ul style="list-style-type: none"><li>• Tried and tested combination of frame, motors, esc, propellers, flight controller, radio, etc. • Gyro + Accelerometer + Magnetometer IMU for full control, On-board data flash for logging, Auto landing • Includes long range 6 channel 2.4 GHz radio. • Flight time up to 15 minutes • Various modes for manual, autonomous and semi-autonomous control • Fully assembled and tuned - requires about 8 hours assembling, configuring and tuning from kit.</li></ul>

**Delivery Period: 60 Days from the date of issue of purchase order. Warranty Period: 36 Months**

## **Terms and Conditions**

- i. Quotation should be invariably in the prescribed **format enclosed**; otherwise it is **liable to be rejected**.
- ii. Quotation should be sent in a **sealed cover superscribed as "Quotation for the supply of IOT kit under TEQIP III" to the office of the Principal (TEQIP- III), The National Institute of Engineering, Manandavadi Road, Mysore 570 008.**
- iii. Last date and time for submission of quotation **5<sup>th</sup> May, 2018, 14:00 hours**
- iv. Installation and demonstration shall be at Department of Electronics and Communication Engineering, NIE, Mysuru.
- v. Quotation should be valid for **45 days** from the last date of submission of quotation.
- vi. Equipment should be delivered at **Department of Electronics and Communication Engineering, NIE, Mysuru.**
- vii. **100% payment on installation, demonstration, successful completion in all respects and final acceptance by the Purchaser.**
- viii. **Authorized Dealer/ Channel Partner Certificate from the company** should be enclosed along with the quotation.
- ix. 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.

**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: \_\_\_\_\_