

Quotation should be addressed to the **Registrar, HBTU, Kanpur, Uttar Pradesh-208002**. The envelope should be super scribed with **Quotation for TEQIP-III Package Name – “....”(As Applicable)**. For any query contact to Dr. Prabhat Verma (7081300515).
Quotation are invited for procurement of the item as per the details given below-

Sr. No	Package Name	Item Name & Package Code	Specifications	Quantity	Last Date & Time of Submission of Quotation	Quotation Opening Date & Time
1	CS 1.1	Desktop (TEQIP-III/UP/hbti/166)	All-in-One Model: Pro One 400G3 AIO Make: Intel Core i7-7700T (2.9 GHz, 8 MB Cache, 4 Cores) Processor / 1 TB HDD / 8 GB RAM / Windows 10 Professional / 20" Screen Size / Keyboard + Mouse / 3 Years On-Site Service Warranty	20	01/02/2019 16:00 Hrs	02/02/2019 13:30 Hrs
2.	CS 1.2	Printer (TEQIP-III/UP/hbti/167)	Multi Function Printer	10	01/02/2019 16:00 Hrs	02/02/2019 13:30 Hrs
3.	CS 1.3	Wireless Sensor Network (WSN) Development Kit (TEQIP-III/UP/hbti/168)	Programmable Coordinator & Gateway (at 2.4 GHZ)- Quantity 1 Programmable Intelligent End Devices - Quantity 5 Non-Intelligent End Device with Sensors - Quantity 5	1	01/02/2019 16:00 Hrs	02/02/2019 13:30 Hrs

4.	CS 1.4	IOT Lab Set-up1 (TEQIP-III/UP/hbti/182)	<p>COMPUTERS AND MICRO CONTROLLER BOARDS</p> <p>Personal Computer Core I3, 4 GB RAM, 1 TB HDD, 21"LED Monitor, Windows 10</p> <p>Arduino Kit Comprising of Arduino Uno, Arduino Nano, Arduino Mega, ArduinoXBEE Shield, Power Adapter for Arduino</p> <p>Raspberry Pi Kit Comprising of Raspberry Pi3, Casing for Raspberry Pi, SD Card (8 GB) for Raspberry</p> <p>PI, SD Card Reader, 21"LED Monitor with HDMI Interface, HDMI Cable, Power Adapter for Raspberry</p> <p>Pi, Keyboard, Mouse, USB to TTL Convertor, LCD Module</p> <p>SENSORS</p> <p>Sensor Kit consisting 1 Nos. each of Temperature & humidity sensor module, Vibration switch module, Current Sensor, 5V relay module, Infrared emission sensor module, Laser sensor module, Tilt switch module, LDR Sensor, Buzzer Sensor, XY-axis joystick module, Flame sensor module, Knock sensor module, Obstacle avoidance sensor module, Ultrasonic Distance Measurement Module, Metal touch sensor module, Finger measuring heartbeat module, Rotary encoder module, Accelerometer 3 axis, Gyroscope 3-axis, Digital compass, GPS Receiver, Real Time Clock Module, Barometer Sensor, LPG Gas Sensor, Smoke Sensor</p> <p>COMMUNICATION MODULE</p> <p>Wireless Communication Modules Kit comprising of</p>	1	01/02/2019 16:00 Hrs	02/02/2019 13:30 Hrs
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			3 Nos. each of XBEE Series 2 Modules, Bluetooth Classic 2.0 Module, LoRa Module, NFC Module, Wi-Fi Module, Bluetooth Low Energy 4.0 Modules, LF RFID Card Reader with 5 RFID Tags Soldering Kit comprising of Soldering Iron, Solder Wire, Solder Paste, Iron Stand Kit of Miscellaneous Resistors Kit of Miscellaneous Capacitors Kit of Miscellaneous Jumper Cables Kit of Miscellaneous Connection Wires Signal Generator Multi-meter Breadboard			
5.	CS 1.6	IOT Lab Set-up2 (TEQIP-III/UP/hbti/183)	IOT Framework with various modules consisting of the following <ul style="list-style-type: none"> •Hand Held Devices/Smart Phones •User friendly software development environment. •Preloaded IDE Eclipse, Arduino, Spyder, Ipython notebook. •Preloaded IMU library, BLE library and pattern matching engine library for each node. •Libraries for advanced machine learning, data analytics and data visualization. •Integrated sensor/actuator library to supports a large variety of sensors/actuators. •Supported for coding in C, C++, Python, node.js, Arduino sketches etc. Gateway: Gateway with integrated PCIE WIFI-BT combo card with high range whip antenna. <ul style="list-style-type: none"> •Integrated protocol for easy cloud connectivity. •Integrated machine vision library. 	5	01/02/2019 16:00 Hrs	02/02/2019 13:30 Hrs

			<p>•Running Linux with built-in security.</p> <p>Sensors and actuators: Sensors and actuators that work seamless on gateway and node both.</p> <p>MIC, RGB LCD, RELAY, BUZZER, BUTTON, LIGHT SENSOR, ROTARY ANGLE SENSOR, TOUCH SENSOR,</p> <p>LED SOCKET WITH 3 LED, ACCELEROMETER sensor and SERVO MOTOR</p> <p>Medical Sensors: (Ear clip Heartrate sensor, GSR Sensor, LCD RGB Display).</p> <p>Agriculture Sensors: (Temperature and Humidity Sensor, Temperature Sensor, Sunlight Sensor, UV Sensor, Water Flow Sensor, OLED Display, Moisture Sensor, 12v DC Water Pump, Water Sensor, Soil Sensor)</p> <p>Environmental Sensors: (MQ2, MQ3, MQ5, MQ9, Air Quality Sensor, Flame Sensor, MQ303A Alcohol Sensor, Alcohol Sensor)</p> <p>Electrical Sensors: (Electricity Sensor, Hall Effect Sensor)</p> <p>Software: Easy to use cloud service.</p> <p>Easy to generate Notifications, alerts & actuator triggers.</p> <p>Three days Tutorial for the students / Faculty</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)
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: _____