

From

**The Director**  
Punjab Engineering College (Deemed to be University),  
Sector 12, Chandigarh.

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Memo No. **PEC/CC/19/16-17**

Dated: **16/05/2019**

**Subject: Quotation for the purchase of Raspberry Pi Accessories (10 Nos.)**

Quotations are hereby invited for the purchase of Raspberry Pi Accessories (10 Nos.), as detailed in table below. Interested bidders may obtain further information from Computer Centre, PUNJAB ENGINEERING COLLEGE (Deemed to be University), Sector 12, Chandigarh 160012, India.

The quotations should be sent directly to the undersigned in a sealed cover with transparent fixing tape duly signed in ink underneath by post marked "**Quotation**" and due date on the top of envelope so as to reach this office on or before **23/05/2019 by 3:00 PM**.

These will be opened on the same date at 3.30 PM in the presence of the tenderers or their representatives who may care to be present before the committee members. The right of accepting or rejecting any quotation without assigning any reason is reserved. Necessary literature of the articles may please be sent. Please quote for F.O.R. Chandigarh/destination.

**Raspberry Pi: (Quantity: 10)**

Sr. No.	Title	Value
1	Model	3 B+
2	Processor	Broadcom BCM2837B0, quad-core A53 (ARMv8) 64-bit SoC @1.4GHz
3	Memory	1GB LPDDR2 SDRAM
4	Connectivity	2.4GHz and 5GHz IEEE 802.11 b/g/n/ac wireless LAN, Bluetooth 4.2, BLE. Gigabit Ethernet over USB 2.0
5	USB	4 x 2.0
6	Expandability	Extended 40-pin GPIO Header
7	Video and Sound	1 x full-sized HDMI port, MIPI DSI display port, MIPI CSI camera port, 4 pole stereo output and composite video port.
8	SD Card Support	microSD format for OS and data storage
9	Input power	5V/2.5A DC via microUSB Connector

**Raspberry Pi Accessories: (Quantity: 10)**

Raspberry Case, Noobs Preinstalled - Micro SD card 8 GB, Power Adaptor, HDMI Cable

**Display: (Quantity: 10)**

Sr. No.	Title	Value
1	Screen Size	7"
2	Touch Screen	Yes
3	Screen Resolution	Minimum 800 x 480 pixels

**Sensor Kit: (Quantity: 10)**

Sr. No.	Title	Value
1	Sensors & Connecting Cables	1x Triaxial Accelerometer Sensor Module (ADXL345) 1x DHT-11(Digital Temperature Humidity Sensor) 1x Ultrasonic Distance Sensor Module 1x PIR Movement Sensor 1x PS2 Joystick Module 1x LCD1602 1x Servo 1x Stepper Motor 1x Stepper Motor Driver Module (Based on ULN2003A) 1x ADC0832 1x L9110 motor driver 1x DC Motor 1x 4*4 Matrix Keyboard 1x Breadboard Power Supply Module 1x 40 pin GPIO Extension Board 1x 40 pin GPIO Cable 2x Light Sensor (Photoresistor) 2x Analog Temperature Sensor (Thermistor) 1x Relay 1x Active Buzzer 1x Passive Buzzer 1x 7-Segment Display 1x 4-bit 7-segment Display 1x LED Bar Graph Display 1x Dot-matrix Display 2x 74HC595 2x Switch 1x RGB LED 8x Red LED 4x Green LED 4x Yellow LED 4x Blue LED 4x Button (large) 5x Button (small) 1x Button cap (red) 1x Button cap (white) 2x Button cap (blue) 16x Resistor (220Ω) 10x Resistor (1kΩ) 10x Resistor (10kΩ) 2x Potentiometer (10KΩ) 5x Capacitor (104) 4x Capacitor (10uF)

		2x 1N4148 Diode 2x 1N4001 Diode 4x NPN Transistor (8050) 4x PNP Transistor (8550) 1x Breadboard 40x Male to Male Jumper Wires 20x Male to Female Jumper Wires 20x Female to Female Jumper Wires 1x 40 Pin Header 1x Band Resistor Card
<b>2</b>	Case	Plastic Box

The institute has been exempted from custom duty, the Excise/Custom duty still applicable should be mentioned separately. Quotation for advance payment or payment will not be accepted. Bidders are advised to go through terms and conditions of the tender document enumerated on the next page carefully before submitting their bids.

**Head, Computer Centre**

**Terms & Conditions:**

1. All bids must be accompanied by a refundable earnest money of **Rs. 3,000/-** (Rupees Three Thousand only) in the form of Bank Draft/ Bankers Cheque drawn from a scheduled bank in favour of The Director, Punjab Engineering College (Deemed to be University), Chandigarh, payable at Chandigarh. Tender without EMD will be considered unresponsive and rejected.
2. PEC shall not be responsible for any postal delay about non receipt/non-delivery of the documents.
3. The rates quoted should be valid for one month from the date of opening of quotation.
4. No advance payment will be made. Payment will be released after the successful delivery of all items.
5. This Institute being a Premier Education and Research Institution funded by Govt. of India, discount as applicable to Research Institutes / Educational Institutes may be provided in the quote.
6. The firm which has been blacklisted by central/Corporation/State Government/UT/any Govt. undertaking/authority and PEC are not eligible to quote.
7. The prices should be F.O.R, Punjab Engineering College (Deemed to be University), Chandigarh, Sector-12, Chandigarh.
8. If price is quoted in foreign currency, the rupee equivalent price must also be indicated.
9. The institute reserves the right to accept or reject any quotation without assigning any reasons.
10. The bidders shall not be permitted to alter or modify the bids after expiry of deadline for the receipt of bids.
11. All the disputes will be subject to jurisdiction Chandigarh.
12. The Bidder must confirm his acceptance of the terms and conditions mentioned hereinabove. In case any clause is not acceptable to the Bidder, the same should be specifically brought out in the submitted bid. If no mention is made in this regard, it shall be presumed that all clauses mentioned hereinabove are acceptable to the Bidder.