**LIMITED TENDER ENQUIRY**

**BIT/PUR/LTE/SER/22-23//IC00078/2022 DATE:16/06/2022**

To,

 **M/s. ..............................................**

Dear Sir,

Subject : Request for Quotation for Procurement ARDUINO KITS, NODEMCU BOARDS, RASPBERRY KIT etc**.**

You are requested to submit most competitive rates(s) for the following item(s) as per details given below (Sealed Quotations may be sent by hand or by post):

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| Last date and time for submissions of complete Quotations by ( Password protected) Email to dr.purchase@bitmesra.ac.in, purchase3@bitmesra.ac.in sealed quotations can be submitted to the under mentioned address. | **30.06.2022 15:00 Hrs.**( If all LTE Vendors submit the quotation prior to the submission date, the quotations will be opened prior to last date of submission.) |

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| Sr.No. | Item Description | **Qty** |
| 1 | ARDUINO KITS : Arduino Kits Arduino UNO boards with sensorsHC- SR04 Ultrasonic ModuleIR Infrared Obstacle Avoidance sensorSoil Hygrometer Detection ModuleSoil Moisture SensorMicrophone sensorDigital Barometric Pressure SensorPhotoresistor sensorDigital thermal sensor - Temperature sensorRotary Encoder ModuleMQ-2 Gas sensorSW-420 Motion sensorHumidity and Rain Detection sensorPassive Buzzer ModuleSpeed sensor ModuleIR Infrared Flame Detection sensor5V 2- Channel Relay moduleBreadboard Power Supply Module 3.3VHC- SR501 Pyroelectric Infrared SensorAccelerometer ModuleDHT11 Temperature and Humidity sensorRF 433MHz Transmitter/ReceiverAnd all other connector accessories such as battery connector, wire connectors, etc | **10 Nos.** |
| 2 | NODEMCU BOARDS : NodeMCU Boards NodeMCU (ESP8266) boards ( including USB A to B cable+ male -male connecting wires+ female to female connecting wires+ male -female connecting wires) | **10 Nos** |
| 3 | RASPBERRY KIT : Raspberry Kit Raspberry Pi 4 boards (including HDMI - mini HDMI connector, Memory card of 8GB, adaptor, casing), Including all the accessories and sensors. | **4 Nos** |
| 4 | DEVELOPMENT BOARD : Development BoardESP32 CAM Development Board WiFi+ Bluetooth with OV2640 Camera Module | **1 Nos** |
| 5 | BEAGLEBONE AL FOR ARTIFICIAL INTELLIGENCE : TI AM5729 Dual-Core ARMCortex-A15 processor running at 1.5GHzDual C66 DSP, Four ARM Cortex-M4, Four PRU, and Four Embedded Vision EngineFour Programmable Real-time Units (PRUs)Memory: 1GB RAM and 16GB on-board eMMC FlashConnectivity: Gigabit Ethernet, 2.4/5GHz WiFi, and BluetoothUSB-C for power and superspeed dual-role controller | **4 Nos** |
| 6 | BEAGLEBONE BLACK REV C : BeagleBone Black REV C Sitara AM3358BZCZ100 ARM Cortex-A8 32-Bit RISC microprocessor, up to 1GHzOnboard HDMI to connect directly to TVs and monitorsMore and faster memory now with 512MB DDR3L 400MHz SDRAM, 4GB eMMC MemoryOnboard storage frees up the microSD card slot for greater expansionSupport for existing Cape plug-in boardsTPS65217C PMIC regulator and one additional LDODebug support: Optional onboard 20-pin CTI JTAGHS USB 2.0 Client and Host ports | **5 Nos** |

Sealed Quotation may be submitted superscribed with reference number as appended hereunder:-

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| Quotation for Supply of ---- Ref.No. -------- **BIT/PUR/LTE/SER/22-23//IC00078/2022**To,Dy. Registrar (Purchase) Birla Institute of Technology From : M/s----------------------------------------Mesra , Ranchi , Jharkhand Address : ----------------------------------------835215 Contact No. ------------------------------------- Email ID---------------------------------------  |

GST Exemption: The Institute is partially exempted from the payment
of GST vide GOI Notification No.45/2017-Central Tax (Rate), dated
14.11.2017 and 47/2017-Integrated Tax (Rate), dated: 14.11.2017 the applicable IGST will be at the rate of 5%. Necessary documents (DSIR) and related certification will be provided.

1. HSN code of the material should be mentioned in quotation.
2. All entries in the quotation should be typed or computer printed without any ambiguity and should be free from correction etc. Hand written offers will be rejected.
3. Late and delayed tenders will not be considered. In case any unscheduled holiday occurs on prescribed closing date the next working day shall be the prescribed date of closing.
4. The quotation should be submitted with descriptive literature & drawing. The make of the items offered should be clearly specified.
5. Material should be confirming to our specification. The deviations if any should be clearly indicated in the quotations.
6. Successful bidder has to furnish the OEM test certificates along with the materials (if applicable).
7. Rate /Price: The offered price shall be on **FOR BIT Mesra on Door Delivery basis**.
8. No Advance payment will be considered at any circumstances.
9. If offered Price Term is other than the FOR-Destination term, approximate Freight & forwarding charges along with the applicable Insurance charges may be mentioned.
10. Details of GST registration, PAN No. should be furnished along with quotations.
11. Road Permit: The supplier shall arrange Road Permit on his own for transportation material to BIT Mesra and any additional tax liability on this account shall be borne and paid by the supplier.
12. Purchaser will not pay separately for transit insurance/taxes (if any) and the supplier will be responsible until the stores arrive in good condition at the destination.
13. Warranty: Period of warranty should be clearly mentioned and also the parts covered under it. Warranty will be applicable from the date of successful installation.
14. Service Facility: Supplier must mention about the service set up in India & confirm effective after sales service.
15. BIT Mesra is not bound to accept the lowest or any quotation for whatsoever reason and reserve its right to accept or reject in whole or in part any or all the quotations received without assigning any reason.
16. Applicable taxes shall be quoted separately for all items and levies payable by the supplier under the contract shall be included in the unit price.
17. Each bidder shall submit only one quotation and sealed quotation to be submitted / delivered at the address. (Alternatively it can be email (**Password protected**) at purchase3@bitmesra.ac.in or dr.purchase@bitmesra.ac.in) or deliver by hand.
18. Training clause (if any) to be mentioned.
19. Delivery period should be mentioned clearly in the quotation. If a firm accepts an order and fails to execute the order in full as perthe terms and conditions stipulated therein, it will be open to this Institute to recover liquidated damages from the firm at the rate of 0.5% to 1% per week of the order value subject to a maximum of 10% of the order value.
20. Conditional tenders will not be considered.
21. Authorized dealership certificate should be submitted in case principal manufacturing company is not quoting directly.
22. Customs Duty: The Institute is exempted from payment of Customs Duty Vide GOI Notification No. 51/96 Customs, dated 23.07.1996 & No.24/2007-Customs dated 01.03.2007 with registration no 11/161/90-TU-V dated 24.07.2019. Sd/-

 Dy. Registrar Purchase

BIT Mesra Ranchi-835215