

## INVITATION FOR QUOTATION

TEQIP-III/2018/duie/Shopping/16

21-May-2018

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	3D Depth Sensor	1	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
2	4WD Arduino Mobile Robot Kit with Bluetooth 4.0	1	30	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
3	Accelerometer	5	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam,	Yes

				786004	
4	Arduino Uno Development kit	1	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
5	Biogripp Robotic Hand (3D print)	1	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
6	DC Geared Motor with Encoder	4	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
7	Jumper Wires	3	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
8	Laser Scanner	1	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
9	LiPo Batteries & balance chargers	2	20	Office of the Director, DUIET, Dibrugarh	Yes

				University, Dibrugarh, Assam, 786004	
10	Lynxmotion BotBoarduino Shield- Compatible Robot Controller	2	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
11	NiMH / NiCd Smart Charger	1	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
12	NiMH Battery	2	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
13	PCB boards	10	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
14	Piezoresistive Tactile Sensors	4	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
15	PKE 7 In 1 Yellow	2	20	Office of the	Yes

	Soldering Iron Tool Kit With Connectivity And Components Tester			Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	
16	Position Sensor	1	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
17	Pressure Sensor Kit	1	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	Yes
18	Raspberry Pi 3 Learning and Development Kit	1	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	yes
19	Turtle Bot 2	1	20	Office of the Director, DUIET, Dibrugarh University, Dibrugarh, Assam, 786004	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 **15** 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 - 100% of total cost**

**Satisfactory Acceptance - 0% of total cost**

10. All supplied items are under warranty of **36 months** from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **16:00 hours on 06-Jun-2018**.

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,  
Dibrugarh University, Dibrugarh, Assam- 786004.

17. We look forward to receiving your quotation and thank you for your interest in this project.

  
(Authorized Signatory)

Director  
Dibrugarh University Institute of  
Engineering & Technology  
Dibrugarh University  
Dibrugarh-786004, Assam (INDIA)

**Annexure I**

Sr. No	Item Name	Specifications
1	3D Depth Sensor	Microsoft Kinect Sensor for Xbox One + Kinect Adapter for Windows/PC
2	4WD Arduino Mobile Robot Kit with Bluetooth 4.0	Microcontroller: Romeo BLE Controller Operating Voltage: 5V Ultrasonic Sensor Detecting range: 5cm-500cm Rotation range: 0 - 180 Power Supply: 7.5 ~ 12V DC Speed: 90cm/s

3	Accelerometer	SparkFun Triple Axis Accelerometer Breakout - ADXL345 Range: ±2, 4, 8, 16g Interface: SPI and I2C Power Requirements: 2.0- 3.6V, 40-145µA
4	Arduino Uno Development kit	1 Arduino / Genuino Uno, 1 USB cable, 1 Breadboard 400 points, 70 Solid core jumper wires, 1 Easy-to- assemble wooden base, 1 9v battery snap, 1 Stranded jumper wires (black), 1 Stranded jumper wires (red), 6 Phototransistor, 3 Potentiometer 10kOhms, 10 Pushbuttons, 1 Temperature sensor [TMP36], 1 Tilt sensor, 1 alphanumeric LCD (16x2 characters), 1 LED (bright white), 1 LED (RGB), 8 LEDs (red), 8 LEDs (green), 8 LEDs (yellow), 3 LEDs (blue), 1 Small DC motor 6/9V, 1 Small servo motor, 1 Piezo capsule [PKM17EPP-4001-B0], 1 H- bridge motor driver [L293D], 1 Optocouplers [4N35], 2 Mosfet transistors [IRF520], 5 Capacitors 100uF, 5 Diodes [1N4007], 3 Transparent gels (red, green, blue), 1 Male pins strip (40x1), 20 Resistors 220 Ohms, 5 Resistors 560 Ohms, 5 Resistors 1 kOhms, 5 Resistors 4.7 kOhms, 20 Resistors 10 kOhms, 5 Resistors 1 MOhms, 5 Resistors 10 MOhms
5	Biograpp Robotic Hand (3D print)	3D print Robotic Hand
6	DC Geared Motor with Encoder	185RPM 8N.cm 12V SPG30E- 20K
7	Jumper Wires	Male to Male, male to female, female to female, 120 Pieces
8	Laser Scanner	RPLIDAR A2 360° Laser scanner
9	LiPo Batteries & balance chargers	(10000 mAh) battery + 6-12 volts charger
10	Lynxmotion BotBoardduino Shield- Compatible Robot Controller	Arduino Duemilanove compatible microcontroller
11	NiMH / NiCd Smart Charger	6V - 12V charger

12	NiMH Battery	6V, 2800mAh
13	PCB boards	General Purpose + Female Berg Strips + Male Berg Strips
14	Piezoresistive Tactile Sensors	Tekscan FlexiForce A201 Sensor
15	PKE 7 In 1 Yellow Soldering Iron Tool Kit With Connectivity And Components Tester	25W High Quality Soldering Iron, Soldering Stand and Wire Cutter & Stripper, Battery ,Transparent Desolder Pump, Soldering Flux Paste and Desolder Wick, Aluminium Soldering Wire 1mm 50gm Roll*2
16	Position Sensor	Tekscan FlexiPot Strip Position Sensor ( pack of 4)
17	Pressure Sensor Kit	Tekscan FlexiForce OEM Development Kit (FlexiForce OEM Development Board + FlexiForce A201 Sensors) Flash Drive with Open- Source Code + USB A-B Cable)
18	Raspberry Pi 3 Learning and Development Kit	Raspberry Pi 3 - Model B - 1 No. 16 GB Micro SD Card with pre-installed NOOBS – 1 No. Raspberry Pi Wedge B+ - 1 No. Robo India FTDI Basic Breakout - 3.3V – 1 No. Cloured Breadboard MB 102 – 1 No. Acrylic breadboard holder – 1 No. Raspberry Transparent case – 1 No. HDMI Cable – 1 No. Wall Adapter Power Supply - 5V DC 2A – 1 No. Micro USB Cable – 1 No. USB Cable A to B type - 1 No. Micro SD card adaptor – 1 No. Raspberry Pi GPIO Ribbon Cable - 40-pin 13" – 1 No. Tactile Switch – 5 No. Red, Yellow, and Green LEDs – 5 Each Resistor 330 Ohm (PTH) - 20 Nos. Jumper Wires Premium M/F – 10 Nos. Jumper Wires Premium M/M - 10 Nos.
19	Turtle Bot 2	Robot Platform (with 3D sensor + NUC i5 controller + Europa CEE 7/16 power cods + 4400 mAh additional battery + docking station + 500 GB HDD extra NUC disc + Assembly & configuration)



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