

INVITATION FOR QUOTATION

TEQIP-III/2018/vecl/Shopping/81

05-Jul-2018

To,

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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	Robotics Lab	1	45	Vishwavidyalaya Engineering College, Lakhanpur	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 **55** 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 - 90% of total cost

Satisfactory Acceptance - 10% of total cost

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **16:00** hours on **16-Jul-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,
Vishwavidyalaya Engineering College, Lakhanpur Main Road,Lakhanpur.Pin 497116.Chhattisgarh
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

Annexure I

Sr. No	Item Name	Specifications
1	Robotics Lab	Robotics Lab Trainer and Sensors with different modules a. Six axis Robotic Trainer – 01 set DOF: 6 degree, Work Area: 400X400 mm, Gripper AOF: 180 degree, Gripper Payload:250 g, Display: color LCD 1.77", number of Stepper Motors: 3 Number of servo motors : 4, Number of IR switches: 2, Task handling: 2 Stepper Motor Specifications: Type:6 wire, unipollar, Step angle: 1.8 Degree , Holding torque: 4.1 Kg.cm, Operating voltage: 5 volts Servo motor Specification: Control System: PWM 1520 sec Neutral, Stall toorque: 3.2 Kg. cm, Operating Voltage: 5 volts, Sensor: IR as Limit Switch Drive type X & Y Axis: Belt Driven - 2 Axis, Z Axis: Servo Motor Driven - 4 Axis b. Education Robot with 5 Axis Moving arm – 01 set Microcontroller: ATmega128, DC Power Supply: 8.4, 5V & 3.3 V, Display: color LCD 1.77", Battery Power: 8.4V/2000mAh, Rated Speed: 100 rpm, Rated torque: 2 kgcm, Rated current: No load-60 mA, With Load 300 mA, Operating Speed(4.8 V) : 0.18 sec/60

degrees at no load, Stall torque(4.8 V): 14kg/cm, Wireless interface: WiFi(with android app), Servo motor: 5 Nos., DC motor: 4 Nos., Sensor Interface: 5 Nos.

c. Arduino based Robot – 01 set Robot Mechanism: Motors: 2 metal geared 12 V DC/150 rpm/2 Kgcm Interconnection for modules: CBK male connector Robotoc Processor Board Arduino processor with board Zigbee for movements control, Arduino controller IC - Atmega 328 P, USB Programming, Motor driven ICs- L293d, On board Zigbee 2.4 GHz for robotic control, Sensor interfacing PCB, CBK male connectors plugable onboard, Sensor interface PCB with facility. Ultrasonic: Accelerometer (on range: $\pm 2g, \pm 4g, \pm 8g, \pm 16g$) Gyro scope:(on range: $\pm 2g, \pm 4g, \pm 8g, \pm 16g$) 4 Analog sensors and 1 digital USB 2.0 compatible for programming PCB, 16 MHz Crystal oscillator, rechargeable batteries 8.4V/ 3000 mAh(lithium battery) , DC charger supply 9 volt/700 mAh, on board battery charger, Onboard separate Supply +5 V, +3.3V d. ARM7 based three wheels robot – 01 Set Technical Specifications: Switches: Tact Switch(4-switches), Display: 16X2 LCD, Wheel: 100 MM glass fiber Omni wheel (with bush rollers), LED:4 nos. super bright green LEDs, GPIOs: 10 nos. general purpose GPIO, Communication: USB Interface, DC motor rated voltage:12 VDC,RPM: 150, Rated current: No load-60 mA, with load 300 mA, Torque:1.2 Kg-cm, Power supply: 8.4 V DC Lithium Ion battery, Power Output: +3.3 DVC, Interface: Relimate connector cable e. RoboCar – 01 Nos Main Board: MCU: ATmega32, DC Power Supplies: 8.4V & 5 V, Charger Supply: 9 V Motor: Rated Voltage: 12 V DC, Rated Speed: 100 rpm, Rated Torque: 2 Kgcm, Rated current: 600 mA, Lithium Polymer battery: 8.4 V Sensors: Operating Voltage: 4.5V-5.5 Output:TTL Output, Fire sensor module, Clap Sensor Module, Light sensor modules, TSOP-IR Sensor module, 8 Channel IR Sensor module. f. Compact AVR USB Programmer – 01 nos Communication: USB 2.0 Compliment Power Supply: USB Powered Programmer Supports: Ready to run programmer will program ATmega8/8515/16/32/128/168/328/1280/2560 & many more devices. g. Robotics learning and activity software with USB Key – 25 user.

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: _____