

INVITATION FOR QUOTATION

TEQIP-II/2017/UK1G01/Shopping/85

26-Feb-2017

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	Bluetooth Application Board	3	30	BTKIT, Dwarahat	yes at site
2	CDMA Trainer kit	3	30	BTKIT, Dwarahat	yes at site
3	GPS Application Board	3	30	BTKIT, Dwarahat	yes at site
4	Mobile Trainer	3	30	BTKIT, Dwarahat	yes at site
5	RFID Application Board	3	30	BTKIT, Dwarahat	yes at site
6	RFID BarCode Board	3	30	BTKIT, Dwarahat	yes at site
7	WI-FI Application Board	3	30	BTKIT, Dwarahat	yes at site
8	X-Bee Application	3	30	BTKIT,Dwarahat	yes at site

	Board				
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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 II** 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 - 100% of total cost**
- Satisfactory Acceptance - 0% 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 **11:30** hours on **11-Mar-2017** .
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,
Coordinator TEQIP-II, BTKIT, Dwarahat - 263653 District - Almora, Uttarakhand
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	Bluetooth Application Board	<ul style="list-style-type: none"> • On Board GLCD(128x64) • PIC18F based Processing Unit • On Board programming facility • Extra I/Os for extension For project work • On board Relay for automation, • On board USB, RS232 & PS2 for communication. • Master Bluetooth .: Bluetooth serial port with 2.4GHz ISM band Frequency. • GFSK Modulation. Maximum Data Rate is 3 Mbps. • Interface like UART. • Sensitivity - 84dBm at 0.1% BER Security Authentication and encryption. • LED Indications for Bluetooth status. • SLAVE Bluetooth A2DP, AVRCP, HFP/HSP, and SPP with 2.4 ~ 2.48 GHz Frequency Band. • Standard class 2 Bluetooth 3.0. GFSK, PI/4-DQPSK, 8 DPSK Modulation Method. • Maximum Data Rate 3 Mbp Interfaces like UART, speaker, microphone. Sensitivity -85 dBm at 0.1 % BER] • The complete unit must have 2 bluetooth boards , for Pairing each other physically .
2	CDMA Trainer kit	<ul style="list-style-type: none"> • On board PN Sequence Generates,95 k Bits / sec • On board switch ion for DSSS and FHSS • On board carrier freq gen 23.8khz • On board BPSK mod / demodulator • Additional Information about this trainer Kit • On board comparator and data recovery block • Facility for on boards USB programming of FPGA thru USB • 16x2 LCD Display • Hardware reset switch to refresh process • Clock Generation of 10KHz output • Data Clock and serial data test point. • Test points to measure and test signals • On board programming facility for development • Switches 13nos with logic Led indicators • able data generator • 8-bit data Generator DIP switches • On board 3.3v and 5v power supply provision with test points • Clock Generation of 10KHz output • Data Clock and serial data test point
3	GPS Application Board	<p>GPS receiver. ? 16x2 LCD display. ? RS 232 interface with microcontroller. ? Baud rate 9600 to 115200. ? Searching facility upto 65 channels of satellites. ? LED indication data output. ? Supports NMEA data protocol. ? Works from +12V DC. ? Magnetic Base Antenna. ? Working frequency – 1575 Mhz. ? USB Programming ? On Board 16x2 LCD display, 2relays, Buzzer, RTC & EEPROM , 8 LEDs, Stepper Motor</p>

		Drivers, ADC Single Channel. On board programming facility.
4	Mobile Trainer	The system must be able to explore MOBILE applications . • 240 x 128 Graphical LCD, Video Tutorial and soft manual. • Step by step training through graphical LCD. • Facility for learning AT command SET thru LCD Display. • 4x4 multiplexed keypad. • Alpha numeric keypad for AT Command set. • Fixed / variable SMS to any number thru keypad . • RS- 232 Serial interface. • GSM Frequency 850MHz. • Based on Processor Core: 89V51.
5	RFID Application Board	Low Frequency RFID Reader 125 KHz Frequency Range ? Low frequency Plastic Cards-64 bit coding (2 no.) ? RS 232 support to read UID Code ? Based on Microcontroller ? On board 2 relays, buzzer, 4x4 hex keypad, ? 16x2 LCD, 8 LEDs, single channel ADC, Stepper Motor Driver, RTC and EEPROM On board programming facility.
6	RFID BarCode Board	Output power 4~16 dbm • Typical sensitivity- 10.5 dbm • Low power consumption • Supply current -3.5mA • Crystal stabilized oscillator, ensuring accurate frequency. • Based on Microcontroller • On board 16x2 LCD Display, 2 relays, buzzer, single channel ADC, RTC & EEPROM, Stepper Motor Driver, 8 LEDs, 4x4 hex Keypad
7	WI-FI Application Board	Single stream Wi-Fi @ 2.4 GHz with support for WEP security mode as well as WPA/WPA2 ? Based on Self-developed High Cost Performance MCU ? Compatible with multi processor with jumper ion ? USB port for computer communication. ? Ultra-low-power operation with all kinds of power-save modes. ? Includes all the protocol and configuration functions for Wi-Fi connectivity. ? Support Smart Link Function ? Support Dial Switch to Control Power ? Support Max 3 Channel PWM Output ? Compact surface mount module 22mm x 13.5mm x 6mm ? Low power RTOS and drivers. ? FCC Certified. RoHS and CE compliant. ? Single supply 3.3V operation Ultra low power: standby power consumption 10ma@3.3v only ? Support WPS function, have been tested with more than 50 types of routers ? Support AP/STA/AP+STA mode and 5 channel TCP link
8	X-Bee Application Board	a. Zig Bee Coordinator ? Zigbee 2.4 Ghz/ 865 Mhz with external antenna ? Coordinator based on ARM 7 LPC2148 ? Supporting various Network Topology with RF data rate 250 kbps/80 kbps ? One 6V relays with isolated Output & one Buzzer ? 20X4 LCD display. ? SD Card for Storage ?

		4X4 Hex Keypad digital Input ? On Board USB Communication ? Wireless Module for outer world (GSM/GPRS & Bluetooth) ? On Board Power supply (5V, 3.3V) b. Zig bee End Devices ? Digi key X-Bee model ? Frequency-2.4 GHz ISM ? Data Rate-250 Kbps ? Range- upto 2km., Supply-2.8V, ADC 8 bit ? 9 multiplexed sensor input
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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: _____