

GOVT. COLLEGE OF ENGINEERING AND RESEARCH, AWASARI

Awasari(Khurd) Tal: Ambegaon, Dist.Pune-412 405

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No. GCOEARA/Store/2016-17/ 4157

Date:

19 DEC 2016

To,

HOD- Computer Engineering for display on College Website

Subject : Invitation for quotation for supply of Equipments (For Dept. Instrumentation and Control)

Sealed quotations are invited from manufacturers / their authorised suppliers for supply of the following equipments/machinery to this institute. The quotation in specified format, along with necessary supporting documents should be sealed in an envelope and submitted to this office on or before the prescribed time and date mentioned this invitation letter.

Sr.No.	Name of the item with Specification	Qty.	Unit
1	LI-PO (ORANGE) Battery; 8000 MAH 3S (11.1V) 30C	4	
2	LI-PO (ORANGE) Battery; 8000 MAH 6S (22.2V) 30C	3	
3	127 MM DOUBLE ALUMINIUM OMNI WHEEL (BEARING TYPE ROLLER)	4	
4	BLACK AND DECKER KS700 PE 480 WATTS VARIABLE SPEED PENDULUM JIGSAW	1	
5	6" 150 MM DIGITAL LCD CALIPER AND VERNIER GAUGE MICROMETER METAL HOUSED	1	
6	DivineXt Digital Laser Non-Contact Photo Tachometer RPM Meter Professional DT-2234C+	1	
7	KANGAROO X2 MOTION CONTROLLER	5	
8	9DOF ARDUIMU CONTROLLER ATMEGA328 (ACCEL/MAG/GYRO)	1	
9	Fluke 101 Digital Multimeter	1	
10	OFFICIAL VOLLEY SOFT SAUCER FOR ABU ROBOCON 2017 JAPAN	12	
11	ARDUNIO DUE ARDUINO DUE, AT91SAM3X8E ARM CORTEX-M3 BOARD, 84MHZ, 512KB	3	
12	BOSCH HSS-R 10 PIECE-METAL DRILL BIT SET (Amazon.com)	1	
(Detail scope of supply is enclosed herewith)			

Last date for submission of above quotations to this office is 28.12.2016 till 5.00 PM

Instructions to bidders and Terms & Conditions

- 1 The quotations must be submitted in sealed envelope, in prescribed format with details of enquiry number, laboratory name last date for submission etc. super scribed on envelope.
- 2 The quotations must be supported by necessary technical literature, and other documents.
- 3 The bidder must not be a defaulter to any Government authorities and must not have been black listed/debarred from supplying goods.
- 4 The bid must be for inclusive price of the goods, must include all taxes and levies, transportation charges, freight etc and for warranty of 2 years from the date of installation.
- 5 Rates quoted should be valid for 90 days from the last date of submission of offer.
- 6 The bid offer must comply with all technical specifications and requirements of the user department. Mere quoting lowest price will not be the criteria for award.
- 7 The bidder must mandatorily quote PAN number and VAT TIN, while submitting th quotation.
- 8 The consignee will make payment for the goods received by way of RTGS/NEFT/ECS, as the case may be. Hence the supplier will have to provide bank details to the consignee.
- 9 Payments will be done only after delivery, successful installation and working trial at the consignee's place. Advance payments will not be done.
- 10 This office reserves the right to reject any or all bid offers, without assigning any reason (/s), thereof.
- 11 List of documents to be attached - i) covering letter with details of bidders, address, telephone number, mobile number, email ID, name, signature and seal, ii) type of business entity-manufacturer / authorised dealer, any others (to be specified), iii) PAN card xerox, iv) sales tax / VAT TIN number v) offer letter stating make and model quoted, vi) authorization from manufacturer regarding support during bidding process and warranty period, in case the bidder is not a manufacturer, vii) technical literature of item quoted, viii) price quote along with taxation, inclusions and exclusions, if any, ix) undertaking that the bidder has not been black listed or debarred from supplying previously. x) undertaking about compaiance of terms and conditions mentioned in this quotation.

(Dr. A.S. Pant)

Principal

Govt.College of Engineering & Research Awasari
Awasari(khurd)

LIST OF EQUIPMENTS / COMPONENTS

Sr. No.	Name of Components	Quantity
1	LI-PO (ORANGE) ❖ 8000 MAH 3S (11.1V) 30C	4
2	LI-PO (ORANGE) 8000 MAH 6S (22.2V) 30C	3
3	127 MM DOUBLE ALUMINIUM OMNI WHEEL (BEARING TYPE ROLLER)	4
4	BLACK AND DECKER KS700 PE 480 WATTS VARIABLE SPEED PENDULUM JIGSAW ❖ Power: 480-Watts, Speed: Variable, Strokes: 0-3000/ min, Bevel cut: 45 Degree, Max. Depth of Cut: Wood - 60 mm, Steel - 5 mm, Aluminum - 10 mm, Cable Length: 3 M, Weight: 1.9 Kg.	1
5	6" 150 MM DIGITAL LCD CALIPER AND VERNIER GAUGE MICROMETER METAL HOUSED ❖ Features: Material: stainless steel plastic ❖ With LCD display which powered by 1LR44 battery (included) ❖ Measuring Range: 0-150 mm	1
6	DivineXt Digital Laser Non-Contact Photo Tachometer RPM Meter Professional DT-2234C+ ❖ High accuracy measurement quick measuring time and long detecting distance up to 500 mm (20 inch) with Laser.	1
7	KANGAROO X2 MOTION CONTROLLER ❖ 2 channel self-tuning PID controller ❖ Position or speed control ❖ Quadrature encoder feedback or potentiometer feedback ❖ Support for limit switches and mechanical stops ❖ Analog, R/C and serial inputs	5
8	9DOF ARDUINO CONTROLLER ATMEGA328 (ACCEL/MAG/GYRO) ❖ ITG-3205 - triple-axis digital-output gyroscope ❖ ADXL345 - 13-bit resolution, ±16g, triple-axis accelerometer ❖ HMC5883L - triple-axis, digital magnetometer ❖ Outputs of all sensors processed by on-board ATmega328 and sent out via a serial stream ❖ Output pins match up with FTDI Basic Breakout, Bluetooth Mate, XBee Explorer ❖ 3.5~16VDC input ❖ ON-OFF control switch and reset switch	1
9	Fluke 101 Digital Multimeter ❖ Count: 6000 ❖ AVG responding ❖ Voltage: DC: 600 volts; AC: 600 volts; DC Accuracy: ± 0.5% + 3 digit; AC Accuracy: ± 1% + 3 digit ❖ Resistance: 40 M ohm; Resistance Accuracy: ± 1.5% + 3 digit ❖ Capacitance: 100 µF ❖ CAT III 600 volts safety rated ❖ AC/DC voltage, resistance, capacitance, frequency measurement	1

K. Kishore

	<ul style="list-style-type: none"> ❖ Diode and continuity test with buzzer ❖ Small light weight design - easy to carry in pocket ❖ Rugged, reliable accurate readings ❖ Long battery life with auto power Off ❖ Fluke India calibration certificate ❖ 1 year fluke warranty 	
10	OFFICIAL VOLLEY SOFT SAUCER FOR ABU ROBOCON 2017 JAPAN	12
11	ARDUNIO DUE ARDUINO DUE, AT91SAM3X8E ARM CORTEX-M3 BOARD, 84MHZ, 512KB <ul style="list-style-type: none"> ❖ Microcontroller: AT91SAM3X8E Operating Voltage: 3.3V Input Voltage (recommended): 7-12V Input Voltage (limits): 6-16V Digital I/O Pins: 54 (of which 12 provide PWM output) Analog Input Pins: 12 Analog Outputs Pins: 2 (DAC) Total DC Output Current on all I/O lines: 130 mA DC Current for 3.3V Pin: 800 mA DC Current for 5V Pin: 800 mA Flash Memory: 512 KB all available for the user applications SRAM: 96 KB (two banks: 64KB and 32KB) Clock Speed: 84 MHz Dimensions: 104 x 53 x 15mm Weight: 35g 	3
12	BOSCH HSS-R 10 PIECE-METAL DRILL BIT SET (Amazon.com) Product Dimensions: 16 cm x 9.5 cm x 1.5 cm No. of Pieces: 10 Material: HSS-R Metal Drill Bits	1

K. Kishore
[Kowdiki K.H.]
ROBOCON Faculty
In charge.