



F.No.PI/NAHEP/CAAST DFSRDA/Quot/ 145 /2020

Date: 15/ 09 /2020

To,

**Datacone Engineers Pvt. Ltd.,
Sangli.**

Dear Sir,

**Subject: INVITATION OF QUOTATION FOR SUPPLY OF MECHATRONICS LAB
EQUIPMENT**

1. You are invited to submit your most competitive quotation for the following Goods: -

S. N.	Brief Description of the goods	Specifications*	Quantity (Unit)	Delivery Period	Place of Delivery	Installation requirement if any
1	Mechatronics Lab Equipment	Detail Specifications are Given Below Table*.	01	After awarding the contract & the period of validity of quotation	Office of PI, NAHEP-CAAST, VNMKV, Parbhani.	Yes, with installation and technical demonstration.

Specifications table:

Sr.No	Brief Description of the goods	Specifications*	Quantity (Unit)
	Mechatronics Lab Equipment	SSC 2.0 (Table top factory for line automation. PROFINET IO Controller. Std. PLC open module Complete learning kit IO Link Master kit and its sensors, RFID Code Readers Training Factory Industry 4.0 12V Industry 4.0 Equipment calibration of flow meters calibration of rotameter (closed circuit system) air flow measurement by anemometer calibration of thermocouple test rig calibration of rtd (pt 100) vibration measurement using vibration measuring system accelerometer with magnetic mounting base. digital vibration indicator displacement measurement:(L.V.D.T.) level measurement: verification of P+I+D control actions	01



		<p>PID controller (analog type) system study of linear conveyor control system study of rotary table positioning system study of different switches & relays (set) PLC TRAINER (Including ladder Diagram) a) Software b) Hardware Study of A/D & D/A Convertor Study of Microcontrollers Microcontroller Trainer Microprocessor Trainer 8086 Microprocessor Trainer 8088 Arduino trainer kit Study of Robotic Arm Cut Section Model of Solenoid Valve. 1. VLSI Trainer 2. Embedded Trainer 3. Interface Modules for VLSI Trainer. Sensors: 1. Proximity sensor (Qty: 10) 2. Temperature sensor (Qty: 10) 3. Motion sensor (Qty: 10) 4. Colour sensor (Qty: 10) 5. Accelerometer. (Qty: 10) 6. IR Sensor (Infrared Sensor) (Qty: 10) 7. Wind Pressure Sensor. (Qty: 10) 8. Light Sensor. (Qty: 10) 9. Force Sensor. (Qty: 10) 10. Soil Moisture Sensor (Qty: 10) 11. Weather humidity sensor. (Qty: 10) Electronics components: 1. Diodes with Standard ratings (Qty: 50) 2. Resistors with Standard ratings (Qty: 50) 3. Capacitors with Standard ratings (Qty: 50) 4. Transistors with Standard ratings (Qty: 50) 5. Inductors with Standard ratings (Qty: 50) 6. Connecting cables (Qty: 50 meters) 7. Solar Cell - 12V 150mA (Qty: 10) 8. Solar panel- 12V/10W (Qty: 10) 9. PCB Boards (Qty:10) 9 x 15 cm Universal PCB Prototype Board Double-Side Dimension: 9x15CM</p> <p>I. Base Material FR4 II. Copper Thickness 1-4 OZ III. Board Thickness 1.6 IV. PCB Weight; 40 g V. PCB colour: Green</p>	
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**CENTRE OF EXCELLENCE FOR DIGITAL FARMING SOLUTIONS FOR
ENHANCING PRODUCTIVITY BY ROBOTS, DRONES and AGVs.**

VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI (M.S.) INDIA

Contact No. 02452_223002, 223802 Mob. 9422111232 Email: nahep.caast.vnmkv@gmail.com

www.vnmkv.org.in ; www.nahep.vnmkv.org.in



- The above price is including GST and other terms such as Technical support from purchase of goods from September 2020 up to March 2022.
- **Place of Delivery:** CENTER OF EXCELLENCE FOR DIGITAL FARMING SOLUTIONS FOR ENHANCING PRODUCTION BY ROBOTS, DRONES and AGVs. Vasantrao Naik Marathwada Krishi Vidyapeeth Parbhani.

** Quantity of work may be varies.

* Where ISI certification marked Goods are available in market, procurement should generally be limited to goods with those or equivalent marketing only.

2. Government of India has received a financing from the International Bank for Reconstruction and Development World Bank towards the cost of the National Agricultural Higher Education Project NAHEP (CAAST- DFSRDA, VNMKV, Parbhani) and intends to apply part of the proceeds of this loan to eligible payments under the contract for which this invitation for quotations is issued.

3. Bid Price

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be by made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Sales tax in connection with the sale shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The prices shall be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Validity of Quotation

Quotation shall remain valid for a period not less than 21 days after deadline date specified for submission.

6. Evaluation of Quotations

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- a) are properly signed; and
- b) conform to the terms and conditions, and specifications.

The quotations would be evaluated for all the item together/ would be evaluated separately for each item. [*Select one of the options.*]

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

7. Award of contract

The purchaser will award the contract to be bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation prices.

7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process the reject all quotations at any time prior to the award of contract.

7.2 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 supply/ Purchase order.

8. Part payment or part supply orders will not be accepted. The payment will be made immediately after delivery of Goods/Setup/installation/Training/Assignment as per signed up/award of contract.



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9. The necessary catalogue, leaf lets, operational manual or any other printed material related to goods/material should be provided during completion of contract.
10. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
11. The rates/prices should be FOR, VNMKV, Parbhani (MS) India. All leakages-breakage and losses in transit including shortages, if any will be borne by the firm/supplier. Offer should clearly mention the locations for which rates are quoted.
12. The firm should provide proof of GST registration no. / Tin no. / PAN no. and all legislative documents required as per world bank/ICAR New Delhi procedure.
13. **Onsite installation with technical demonstration and training** to core team member and technical staff should be provided by the supplier in consultation with expert team member of NAHEP-CAAST DFSRDA, VNMKV, Parbhani office.
14. In case, any holiday is declared by the Government on the day of opening, the bids will be opened on the next working day at the same time. The Principal Investigator, NAHEP - CAAST DFSRDA VNMKV Parbhani, reserves the right to accept or reject any or all the bids.
15. The bids of firm (s) which have either been black-listed by VNMKV, Parbhani or any other Govt. organization will not be accepted. In this regards, the firm has to give an undertaking on the enclosed format.
16. You are requested to provide your offer latest by **05.00 PM on or before 06 / 10 /2020 in the name of Principal Investigator, NAHEP-CAAST-DFSRDA, VNMKV, Parbhani – 431 402**. The bids will be opened on the last day of submission at the same time. All suppliers/firms are requested to be present in the chamber of undersigned.
17. Write the title Quotation for supply of “**Mechatronics Lab Equipment**” on top line of envelopment.
18. We look forward to receiving your quotations and thank you for your interest in this project.

Principal Investigator
National Agricultural Higher Education Project
CAAST DFSRDA, VNMKV, PARBHANI

Pin Code-431402, (M.S.), INDIA

Tel. No.:+91 9422111232,

Email: nahep.caast.vnmkv@gmail.com



FORMAT OF QUOTATION FOR SUPPLIER

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						Rupees	
TOTAL	In Figures						
	In Words						
GST							

Gross Total Cost: Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. (Amount in figure) Rs. (Amount in words) within the period specified in the Invitation for Quotation.

We also confirm that the normal commercial warrantee/ guarantee ofMonths shall apply to the offered goods.

We hereby certify that we have neither black-listed by VNMKV, Parbhani nor any other Govt. organization.

We hereby certify that we have no "Conflict of Interest" with NAHEP-CAAST, DFSRDA VNMKV, Parbhani office or staff.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in corrupt, fraudulent, collusive, or obstructive practices (as defined in the prevailing World Bank's sanction procedures) in competing for or in performing the Contract.

Signature of Supplier

*** Supplier should also mention the discount offered.**