



To,

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



Date: 13/02/2023

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

F.No.PI/NAHEP/CAAST DFSRDA/Quot./581/of 2023

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Dea	r Sir,			

Subject: Invitation of Quotation for Supply of Spraying Drone UAV

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

Sr, No.	Brief Description of the goods	Specifications*	Quantity**	DeliveryPeriod	Place of Delivery	Installation requirement if any
1	A. Spraying Drone (Hexacopter, 10L, DGCA Approved) B. Additional One Drone on gratis or discount price for educational and research purpose to the university	The Technical Specifications of Spraying Drones UAV are mentioned below in Table:01	ONE	After awarding the contract &the periodof validityof the quotation	Office ofPI, NAHEP, NAHEP- CAAST, VNMKV, Parbhani	Yes, with installation and technical demonstrations.

Table:01

Sr. No.	Technical Specifications		
1	 A. Spraying drone (Hexacopter, 10L, DGCA Approved) 1. Ruggedized and foldable Hexacopter 2. Tank with 10L payload capacity 3. Dimensions: 1.2m diagonal distance 4. Radio control within 2Km in radius using Ground Control Station (GCS) 5. Autonomous flying using Google map and waypoints 6. Time of flight minimum 20 minutes with all payloads 7. High stability during the flight and against the wind up to 15 knots. 8. Hovering accuracy: -+0.5 9. Terrion following and obstacle detection and collision avoidance radar system 10. UAV approved by DGCA, with Type approval certificate & UIN No. 11. RTL low batteries, mission complete tank empty 12. Integrated with GPS and min 2MIPI camera on GCS 13. Payload compatibility –multispectral camera 14. RTL-low batteries-tank empty-mission complete, smart range fail-safe. 15. Spraying span min.4 m 16. Inclusive of Battery and Charger 	1	
	B. Additional one drone with above mention specifications on gratis or discount price for educational and research purpose to the university.		





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- The above price is including GST.
- Place of Delivery: CENTER OF EXCELLENCE FOR DIGITAL FARMING SOLUTIONS FOR ENHANCING PRODUCTION BY ROBOTS, DRONES and AGVs. Vasantrao Naik Marathwada Krishi Vidyapeeth Parbhani
- 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

The quotation shall remain valid for a period not less than 15 days after the 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 items together/ would be evaluated separately for each item. [*Select one of the options*.]

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

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 the contract.

- 7.1 The bidder whose bid is accepted will be notified of the award of the contract by the Purchaser prior to the 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.
- **9.** The necessary catalogue, leaf lets, operational manual or any other printed material related togoods/material should be provided during completion of contract.





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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 4 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 DFSRD 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 28/02/2023 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 "Spraying Drones UAV" on the top line of envelope.

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,

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FORMAT OF QUOTATION FOR SUPPLIER

Sl. No.	Description Goods	Specifications	Qty.	Quoted Unit Ratein 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.