



पादप कार्यार्को संभाग
DIVISION OF PLANT PHYSIOLOGY
भा.कृ.अ.प.-भारतीय कृषि अनुसंधान संस्थान
ICAR-Indian Agricultural Research Institute
नई दिल्ली-110012 (भारत)
NEW DELHI - 110 012 (INDIA)



File No: 50-6/IS/19-20/NAHEP(71-01)

Date: 11/03/2020

To

As per List Attached

Dear Sirs,

**Sub : INVITATION FOR QUOTATIONS FOR SUPPLY OF
INCUBATOR SHAKER**

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

Brief Description of the Goods	Specifications*	Quantity	Delivery Period	Place of Delivery	Installation Requirement if any
Incubator Shaker	Annexure - A	02	As per purchase /Supply Order	Division of Plant Physiology, IARI, Pusa Campus, New Delhi - 110012	As per terms and conditions.

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

2. Government of India has received a financing from the World Bank towards the cost of the said Equipment/Item **under NAHEP-CAAST (71-01) Project** and intends to apply part of the proceeds of this financing to eligible payments under the contract for which this invitation for quotations is issued.

3. **Bid Price**

- The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- Sales tax in connection with the sale shall be shown separately.
- 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.
- The Prices shall be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation.

5. **Validity of Quotation**

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 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 the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

7.1 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.

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 order.

7.3 **Successful Bidder should submit 10% of Total Cost of Equipment as Performance Guarantee after receiving the Purchase/Supply Order.**

8. Payment shall be made immediately after delivery of the goods.

9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
10. You are requested to provide your offer/Sealed Quotation latest by **13.00 hours on 16/03/2019**.
11. We look forward to receiving your quotations and thank you for your interest in this project.

(Purchaser)

Name: Assistant Admn. Officer.

Address: Division of Plant Physiology,
IARI, Pusa Campus,
New Delhi - 110012

Tel. No. 011 25842815.

Fax No.

Annexure -A

Technical specifications for Incubator shaker

- 1 Capacity and size: Should have Stackable option to save valuable laboratory Space (Should hold at least 18 nos. of 250 ml flask)
- 2 Speed Range: 25 to 400 \pm 1 rpm with microprocessor control.
- 3 Temperature Range: 5- 70°C or better with increment of 0.1-0.2°C
- 4 Alarm: Audio-visual alarm when speed AND temperature deviates from set points. Programmable shaking period upto 99.9 Hrs.
- 5 Drive and Motor: Magnetic Drive / Direct Drive or Bearing Housing is a triple-eccentric counter balanced with nine ball bearing drive or penta drive with permanently lubricated ball bearings. Drive shaft is steel and the DC motor is solid state brushless.
- 6 Programmable Controller: Should automates parameter changes on time basis, hold at least 4 programs.
- 7 Set Point Retention: Set point and operating status should be retaining by non-volatile memory. Automatic restart after the power is restoring.
- 8 Display : Large easy to read digital display
- 9 Still Or Stationary Platform /Compartment: Shaker incubator must have one or two stationary / Still compartment platforms to hold culture plates, tubes.
- 10 Viewing Window and Interior Lights: Triple pane insulated window with interior lightings by LED or better
- 11 Electrical Receptacle: Moisture proof internal electrical outlet must be installed in the chamber for multiple uses such as magnetic stirrers, rocker, roller, portable shaker etc.
- 12 Universal Platform and Clamps: System should be supplied along with Universal Platform and assortment set of 50 ml, 100 ml, 500 ml, 1 litre and Microfuge tube rack with at least 24 slots full capacity of Platform clamps. Universal Platform should have the capacity of 18 or more number of 250 ml flask, 15 or more number of 500 ml clamps, 8 or more number of 1 liter clamps, 5 or more number of 2 liter and 2 or more number of 4 litre), Micro plate racks, Test tube racks, Microfuge racks with slots for 24 or more tubes etc.
Clamps should be made of single piece of stainless steel not spot welded or riveted for strength and safety
- 13 Electrical Requirement and Essential Accessories: Single phase 230V, 50Hz.; Suitable electric voltage stabilizer
- 14 Certification: Quoted Model must have ISO, European CE with UL Certificate and US FDA approved.
- 15 Optional Accessories : System should have an optional ports for accessories Like UV germicidal lamp, gassing manifold, photosynthetic light bank, etc.

Terms & Conditions

- Supplier need to submit the specification compliance for their product in a tabulated and point wise manner
- Authorized dealer/supplier in India should enclose authorization certificate from the Principal
- On-site warranty minimum of 2 years from the date of installation
- Authorized dealer should have service centre in India
- Brochure having detailed technical specifications (to be enclosed in original with quotation)
- On-site installation, demonstration and training
- Detailed technical manual in original with instrument

FORMAT OF QUOTATION *

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
1.							
TOTAL							
Sales Tax							

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 figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

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

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

Signature of Supplier

* *Applicable while the bids are being invited for more than one item and would be evaluated for all the items together.*

Modify where evaluation would be made for each item separately.