

	<p>पादप कार्यिकी संभाग</p> <p>DIVISION OF PLANT PHYSIOLOGY</p> <p>भा.कृ.अ.प.—मारीतीय कृषि अनुसंधान संस्थान</p> <p>ICAR-Indian Agricultural Research Institute</p> <p>नई दिल्ली—110012 (मारीत)</p> <p>NEW DELHI - 110 012 (INDIA)</p>	
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File No: 50-30/Auto./19-20/NAHEP(71-01)

Date: 22/02/2020

Dear Sirs,

**Sub : Invitation for Quotation for Supply of Autoclave**

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
Autoclave	Annexure - A	02	Within 90 days after issue of 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.

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. 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 27/02/2020**.
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. ....



### Technical Specifications

Name of the Capital item with brief description: Autoclave

#### Detailed specifications:

1. The autoclave must be suitable for research laboratory that works on **genomics related aspects and also microbiology and pathological research.**
2. Must be **cylindrical chamber fabricated** with high quality non-corrosive stainless steel and is made in round corners for easy and quick cleaning and with gentle slope for full drainage of the condensed moisture. Shell and tube type steam condenser; Chamber is provided with safety valve and compounding gauges on both sides; Double safety valve protection.
3. Volume: **50-200 Ltrs**; Working pressure: **2.2 -2.5 kg**; Working temperature: **120 to 135°C**; should be made up of non corrosive stainless steel; Stainless steel steam generator must be fitted beneath the chambers for pumping steam in the chamber.
4. **Multi point temperature recorder** and **single point pressure sensor** and recorders must be available.
5. The sterilizer must be provided with automatic, sliding doors operated through pneumatic cylinders. The door must be fabricated from high quality stainless steel material with mechanical sealing with adequate safety features while in operation and after operation. **Safety and Alarms system must be build in.**
6. The sterilizer must provide uniform heat, humidity and other sterilization contributors within the chamber. **There must be provision for steam stock; Provision for quick cooling must be available.**
7. An adequate capacity **Vacuum Pump** is provided along with the equipment to create the highest degree of vacuum in the chamber for air removal & for drying purpose. The pump is mounted on the equipment along with stainless steel steam condenser.
8. Pressure gauge should be provided for gasket, door status indications are provided on both doors. All valves & pipe lines must be of high quality stainless steel.
9. **Autoclave must be controlled through programmable Logic Controller.**
10. The entire system including doors is sufficiently insulated so that the exterior body temperature of the equipment does not increase beyond safety.
11. Must be provided with suitable **power stabilizer** and installation must be done the supplier ONLY.

#### 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
- 10(Ten) User certificate/order copy to be enclosed with the document

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**FORMAT OF QUOTATION \***

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

**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.