

### **Specifications for Horizontal Cylindrical Sterilizer (Autoclave)**

1. Size: 500mm dia X 1100mm depth, (20'x44')
2. Electric load: 9KW.
3. Capacity: 227 LTRS.
4. The Unit will have chamber and door plate of stainless steel 316 quality.
5. Back plate and steam generator of stainless steel argon-arc welded with tubular mild steel stand.
6. Steam working pressure 1.2Kg./cm<sup>2</sup> corresponding to working temperature of 121<sup>0</sup>C.
7. The sterilizer will be provided with SPECIAL type of COPPER SENSOR and other related accessories for boiler by which you can save the ELECTRIC and WATER consumption drastically and by which you can save the overall cycle time.
8. The unit would be manufactured as per ISI specifications and also would bear ISI certification Mark IS:3829 (PART-I) and ISO 13485:2003 & CE certified.
9. The sterilizer would be incorporated with the following mountings and fittings :
  - a) Multiport operating valve consisting of 5 positions – off/slow, exhaust, vacuum dry, sterilization and fast exhaust also fitted with one pressure gauge and one compound gauge.
  - b) Mechanical ejector.
  - c) Self sterilizing vacuum drier.
  - d) One spring loaded safety valve and one vacuum breaker.
  - e) Chamber discharge line would consist of one plug screen, one dial thermometer, one swing check valve, one steam trap.
  - f) Automatic self locking device – The door would have automatic locking device when it is under pressure.
  - g) Stainless steel 304 qty. electric steam generator fitted with 3nos. 3 KW heaters each, one low water protection and one automatic pressure controller, one air break contactor with toggle switch indicating lamps, gauge glass assembly for the steam generator would have 2nos. automatic shut off valves. The heaters would be mounted on a thick stainless steel plate.
  - h) The jacket would be insulated with glass wool and covered with stainless steel cover.

### **Eligibility Criteria**

- Bidder should be Manufacturer/ Authorized Partner/ Reseller of the manufacturer and a Letter of Authorization from manufacturer for the same and specific to the tender should also be enclosed. The bidder should also be the Authorized Service Provider.
- Bidder should be financially sound to execute the order. Certificate to this effect should be issued by any nationalized/ scheduled bank showing its annual turnover of at least 25Lakhs each in the last three financial years.
- The Bidder shall provide the Registration number of the firm along with the LST/ CST/ WCT No. and the PAN Number issued by the concerned authorities.
- The bidder should enclose similar orders provided to various reputed Government Institutes/Research labs/ICAR/CSIR institutes throughout India in the last 5 years.
- Separate technical and price bid should be uploaded.
- Technical Bid must contain a Technical Compliance sheet. Technical compliance sheet must have the page number of a published catalogue/operating manual/manufacture website as proof for compliance with the instrument and accessories for each technical

points. Relevant copies of catalogue/operating manual/manufacture website pages that have been listed as proof should be attached.

- All vendors are requested to attach original technical literature/ catalogue in support of the mentioned specifications & highlight the above features. The same features should be available in the company website.
- Price Bids should contain the prices, terms of delivery, sales, payment terms etc.
- The bidder must not be blacklisted by Delhi University. A Certificate or undertaking to this effect must be submitted.
- A copy of the Technical bid must be provided to Dr. Kaustuv Datta, Department of Genetics, UDSC, Tel: 011-24119810

**No Commitment to Accept Lowest or Any Tender**

- Demonstration of the equipment will be required if needed.
- University of Delhi shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers. University of Delhi will not be obliged to meet and have discussions with any vendor, and or to listen to any representations.

**Warranty /Comprehensive Maintenance**

- Machine should be warranted for minimum 12 months from the date of installation.
- Warranty upto 5 years on the machine from date of installation after expiry of standard warranty should be quoted, year wise under optional items in the price bid.
- Installation and commissioning to be completed up to the satisfaction level of the technical purchase committee followed by training and handling by the bidders

**Price quotation**

- F.O.R. UDSC price only in INR to be quoted which includes transportation charges to site of installation. IGST/CDEC will be provided.
- Payment will be made against successful installation.
- Validity of the quotation should be till 31<sup>st</sup> March 2019.
- Vendor must supply the order within two weeks of the order

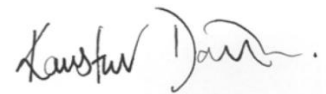
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Bid Submission Start Date: 05-02-2019 (11:00 Hrs)

Bid Submission End Date: 11-02-2019 (17:00 Hrs)

Bid Opening Date: 13-02-2019 (11:00 Hrs)



Kaustuv Datta

KAUSTUV DATTA, Ph.D  
Assistant Professor  
Department of Genetics  
University of Delhi South Campus  
New Delhi-110021

All the relevant documents related to tender can be found on CPPP portal