



No: PUR/2010-11/IND13645/RSP

Date: 27/07/2010

To

Sub : Request for Pro-forma Invoice

Dear Sir

This Research Institute is interested in purchasing of the items mentioned below. You are therefore requested to forward a pro-forma invoice along with your terms & conditions of supply & payment. Please provide a copy of the technical literature and the specifications of these items in a sealed envelope.

Please read carefully the terms and conditions mentioned overleaf and submit your pro-forma invoice/quotation accordingly.

SNo.	Name of Item	Catalog No	Qty
1	Horizontal Double Door rectangular high pressure steam sterlizer, Chamber size Approx 2'x2'x3'	1	1

Important

- Please mention our reference number on the envelop and address all correspondence to Director IMT Chandigarh only.
- Please quote strictly as per our specifications.
- Please attach compliance sheet
- Proforma Invoice received after due date will not be considered under any circumstances.
- Please note that your Quotation should reach us latest by **17/08/2010** opened on **18/08/2010**
- **Your Quotation must be duly stamped and reach directly to IMT from you only. If quotation is submitted by Indian representative/agent then they must have to produce a authority certificate of principal party for quotating the price Other wise it will be very difficult at our end to consider your quotation.**

Yours faithfully,

Stores & Purchase Officer.

TERMS & CONDITIONS

Commercial

- Cost : Mention the price of the material in the FOB/FCA including inland freight value only. Please note that being a Govt. Organization we cannot make Advance Payment.
- Insurance : Consignment should be insured through National Insurance Company of India or its associate in your country.
- Freight : The dispatch of the material should be through Air India preferably.
- Agency Commission : Mention the percentage of Indian Agency Commission payable to commission Indian Agent in INR and also mention the name of your authorized Indian Agent/Representative, Pro-forma invoice without mentioning Indian Agency Commission will not be considered at our end.
- Validity : The validity of your pro forma invoice should be less than 180 days from the date of opening.
- Warranty : Mention the warranty period of equipment after satisfactory installation. 10% Bank Guarantee is to be submitted by you/your Agent for the Equipments costing Rs.25 Lac & above
- Taxes For Indigenous products, please quote Sales Tax/VAT/Service Tax/Freight/Other levies etc., if any, clearly in your quotation.

General Condition

- Zerox copies of latest price list applicable list may be enclosed applicable in Indian Market.
 - Ensure that quoted price will not be higher to any other customers in India to whom this particular item have been sold particularly to govt. of India Organization.
 - Sent a certificate that the equipment is of latest technology & will not be obsolete within 5 years.
 - Ensure that all essential spares parts of this equipment will available in India with your Indian Agent as and when required.
 - Provide the list of the users in India of the same equipment along with their contact / email address.
 - Enclose a copy of agreement with your authorized Indian Agent.
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- FAX : 0091-172-2690056, 2690632 email : purchase@imtech.res.in
 - TEL : 0091-0172-6665363 website : www.imtech.res.in

Specifications for Horizontal Double Door rectangular high pressure steam sterilizer.

- Horizontal rectangular high pressure steam sterilizer with complete automated system manufactured as per Bureau of Indian standards specification OR equivalent foreign certification and would bear certification mark IS:3829 and ISO 9001:2008 Certified.
- Material of construction: The chamber and doors to be made of stainless steel AISI 316 quality and electric steam generator to be made of stainless steel AISI 304 quality. The jacket would be in SS304.

- CHAMBER:

Chamber Size: Rectangular Approx Size 2'x2'x3' - (600mmx600mmx900mm).

Mode of heating: Electrically heated by immersion heaters of 18KW, 3-phase, 440volts, 50Hz power supply.

Working pressure and temperature: The Normal working pressure 1.2 kg/cm² Approximately (15psi – 20 psi) corresponding to temperature of 121°C.

Hydrostatic test: The chamber would be hydraulically tested to 2 to 2.5 times the working pressure.

- Performance: Capable of performing the following operations constituting one full cycle of sterilization.

1. Generate steam and build up working pressure in the jacket, without admitting it to the chamber;
2. Admit steam to the chamber and allow it to build up to working pressure and temperature (maintaining the pressure in the jacket) and retaining the working temperature for at least 2 (two) hours;
3. Exhausting the chamber pressure, retaining the jacket pressure; and
4. Drying of load in chamber through the circulation of dry, filtered air entering through a drying system.

- The sterilizer would be supplied with the following Capabilities:

- a) Automatic system with pre-selected & Variable programs
- b) Mechanical ejectors
- c) Self sterilizing vacuum drier

- c) One spring loaded safety valve and one vacuum breaker.
- d) Chamber discharge line would consist of one plug screen, one dial thermometer, one swing check valve, one steam trap
- e) Automatic self locking device - The door would have automatic locking device when it is under pressure.
- f) Stainless steel electric steam generator fitted with 3nos. 6 KW heaters each, one low water protection and one automatic pressure controller, one air break contactor with indicating lamps, gauge glass assembly for the steam generator.

The MMI (Man-Machine-Interface) with digital display at front panel will show the following parameters:

- 1) Chamber temperature
 - 2) Cycle no.
 - 3) Batch no.
 - 4) Time & Date
 - 5) Alarm indicator
 - 6) Error display
 - 7) Low water indicator.
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- Printer - Printer should be automatically and continuously monitor and Record dates, time of day, load, identification no. and operating parameters i.e. temperature and residence time, through out the length of the autoclave cycles.
 - Stainless steel 316 quality loading/unloading trolley(carriage Two in nos) for the above sterilizer along with stainless steel tubular transfer trolley for the above carriage.
 - A comparative statement as per the compliance of specifications to be attached.
 - Warrenty/Guarantee: Shall remain valid for 24 months from date of installation /commissioning.
 - Spares: The cost of one set of 3nos, 6 KW heater should be included with the quotation.
 - Delivery period: with in 3 weeks of placing order.