

Department of Biochemical Engineering and Biotechnology

September 4, 2012

Specifications for Steam Generator

Electrically heated steam generator

Casing

Basic stand and hood of stainless steel, integrated switch box.

Boiler Bodywork

Single part body work of stainless steel, 1,457 l., electrically welded

Electrical Equipment

Control panel wired to VDE (Association of German electrical engineers), electronically regulated, optical water level display, 400 V, 50 HZ

Safety Equipment

Safety valve, pressure regulator, operating temperature limiter. The components of safety equipment must have passed EU safety inspection.

Controller

A Siemens PLC controller

Other related parts of the Equipment

Pressure indicator, running time meter, operating temperature display, illuminated control elements, stainless steel fittings.

Casing Dimensions in mm : L X W X H =600 x 400 x 700

Wattage : 20 KW

Max 28 Kg steam/ h

Adjustable operating pressure 0 - 4 bar

CE Marked

Terms and Conditions –

1. Please submit the TECHNICAL and FINANCIAL bids in separate sealed envelopes. Mark the two envelopes clearly as “Technical Bid” and “Financial Bid”. Both the sealed envelopes should be sent in a single sealed envelope,

clearly marked as “**Quotations for Purchase of Steam Generator due on 26-09-12**”. The quote should reach the following address on or before 26-09-12, up to 5 PM.

Prof. A. K. Srivastava
Department of Biochemical Engineering and Biotechnology
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016

2. Please quote F.O.B. & CIF New Delhi prices separately.
3. Technical bid should contain **compliance chart** based on specifications as per NIQ, but must not contain any commercial information
4. The quotations should be in the currency of the country of origin and should be valid for at least three months.
5. Please attach all the technical literature and a list of similar installations done in India.
6. The warranty on the equipment should be clearly specified.
7. Payment should be through irrevocable letter of credit.
8. If the quote is being submitted by the representative of the Principals/manufacturer themselves, a valid Agency ship/Dealership Certificate authorizing the agent to quote to IIT Delhi on behalf of the Principals should be enclosed.
9. Complete set of manuals for the operation of equipment should be given.
10. Clearly specify the installation requirements—such as space, power, frequency, environment (Temperature and humidity) etc.
11. The institute reserves the right to accept or reject any / all the quotations without assigning any reasons thereof.