

Tender Notification - Integration of Pipeline for High Temperature and Pressure Reactor Vessels/Autoclaves

(Last Date- 6/12/2019)

Kindly Send a Quotation for the following Item:

1. **Integration of pipeline with the high temperature autoclave-Reactor 1 (refer Fig 1)**
(From high pressure pump to the autoclave; the pump will be provided by us)
2. **Integration of pipeline with the low temperature autoclave-Reactor 2 (refer Fig 1)**
(From high pressure pump to the autoclave; the pump will be provided by us)

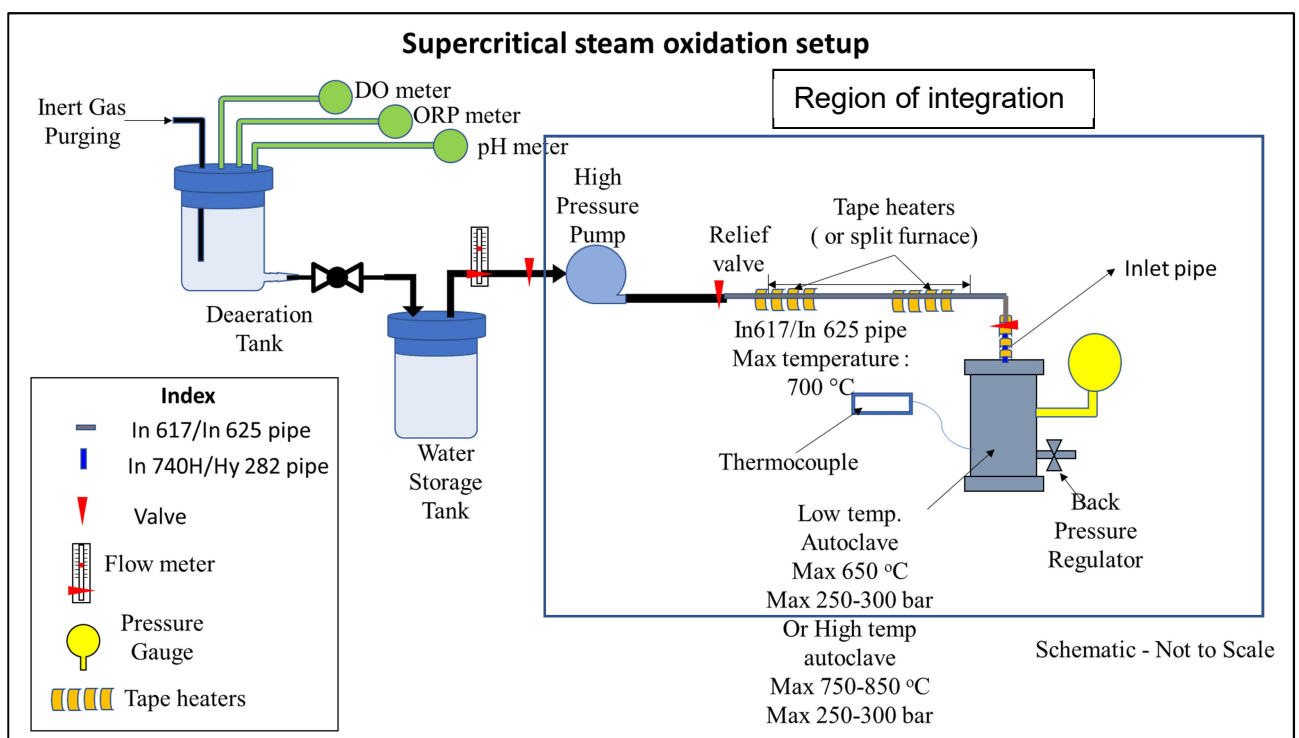


Fig 1

Please send us two-part quotation of Technical specifications and price for the same within 15 working days.

Please mention clearly the Guarantee & Warranty of the system.

We will prefer letter of credit (LC) as the mode of payment, however, we are open to other modes as well.

Technical specifications:

- i. Pressure relief valves on the pipeline as additional safety measure (give option)

- ii. Pipeline material: In 617 pipe/In 625 with OD: ¼” and thickness: 1.5mm (if using any other alloy please give the dimensional details and justify it technically, it should be able to withstand temperature: upto-700 °C at a pressure of 300 bar).
- iii. Split furnace for heating the high-pressure water in the pipeline upto 700 °C (optional)

Please note that the final selection will be done by an empowered expert committee which will consider both the price and the technical evaluation including safety and quality as well as the requirement of the project.

Please send the Quotation to the following address:

Prof. K. Chattopadhyay
ICER, IISc, Bangalore 560 012

For any further queries related to the technical specifications please contact:

- 1. Dr. Poorwa Gore
poorwagore@iisc.ac.in
- 2. Prof Kamanio Chattopadhyay
kamanio@iisc.ac.in

For any further business-related queries please contact:

Ms. Rama S.

ramas@iisc.ac.in ;
Ph.no.: +91 80 22933521