

## Department of Chemical Engineering

Enquiry No.: JKS/CHE/2018/01

Opening Date: ~~27/02/2018~~ 27/02/2018

Closing Date: ~~27/02/2018~~ 19/03/2018

### Sub.: Horizontal Programmable Tubular Furnace

We are interested in the purchase of Horizontal Programmable Tubular Furnace having following configuration for the project. Our organization is an educational institute of the reputed and liable to get *education discount* from manufacturer, please specify it, separately. Please send sealed quotation, to undersigned, for the same.

Configuration	Description of requirement
Tubular Furnace	Tubular Furnace with both end open, rigid casing made of Mild steel sheet frame work painted with heat resistance paint.
Heating zone	200mm
Temperature Range	Ambient to 1100 deg. C
Furnace	Furnace is both end opening with a cavity of size 125mm ID, 100mm OD
Tube	High Purity (98%) Alumina Tube of ID 100mm and length 1000 mm open at both ends, , fitted with end flanges of light Metal alloy, nozzle at both ends with wing nut closing for leak proof gas purging.
Temperature controller	The temperature controller by fully automatic microprocessor based digital display auto-tuned PID Profile Programmer, backed with SCR Power Supply & Cr/Al. Thermocouple.
Programmer	3 programs with 8 segments
Control panel	Consisting of MCB Switch, Indicator lights, Ammeter, PID programmer, Connecting cord and Plug top suitable to work on 230V AC single phase operation.
Step program	editable programs of 16 steps
For sample handling	S.S. Rod with ebonite handle
O Rings	20 O rings
Warranty	2 years onsite warranty

Note:

1. Your quotation shall contain Authorization Letter from manufacturer.
2. Quotation must be valid for 60 days.
3. Delivery period should not be more than 3-4 weeks.