

**UNIVERSITY OF CALICUT**  
**DEPARTMENT OF PHYSICS, KSCSTE PROJECT**

**QUOTATION NOTICE**

<b>Quotation Number</b>	<b>90876/Research-A-Asst-3/2016/Admn</b>
<b>Due date and time for receipt of quotations</b>	<b>30/04/2018 , 2.30PM</b>
<b>Date and time for opening of quotations</b>	<b>30/04/2018 , 3.30PM</b>
<b>Date up to which the rates are to remain firm for acceptance</b>	<b>60 days</b>
<b>Designation and address of officer to whom the quotation is to be addressed Superscription:</b>	<b>Dr.Libu K. Alexander, Principal Investigator, KSCSTE Research Project, Dept.of Physics,University of Calicut Mob: 09446376861, Email: LKA@uoc.ac.in</b>
<b>Quotation for: Purchase of: Hydrothermal Furnace</b>	

Sealed quotations are invited for the supply of the materials specified in the schedule attached below/overleaf. The rates quoted should be for delivery of the articles at the place mentioned below the schedule. The necessary superscription, due date for the receipt of quotations, the date up to which the rates will have to remain firm for acceptance and the name and address of officer to whom the quotation is to be send are noted above. Any quotation received after the time fixed on the due date is liable to be rejected. The maximum period required for delivery of the articles should also be mentioned. Quotations not stipulating period of firmness and with price variation clause and/or "subject to prior sale" condition are liable to be rejected.

**[Specifications of the equipment - Hydrothermal furnace.](#)**

**Internal dimension** : 35 x 30 x 35 cm or above

**Watts** : 1000 W or above

**Capacity** : 45 Liter or above.

**Body structure** : Outer body made of thick gauge M S sheet, Powder coated, Inner chamber made of stainless steel thick gauge. Door with thick insulation, Auto power cut off to the heating element.

**Temperature range** : Ambient + 5<sup>0</sup>C to 300<sup>0</sup>C.

**Accuracy** : ± 2<sup>0</sup>C at higher temperature. Heavy duty hinged door with lockable handle.

**Temperature controller** : Temperature controlled by digital display temperature controller, Digital soak timer with the programmable temperature controller to set required time and temperature of heating, 3 step heat control switch, heating element made with imported kanthal wire concealed.

**Insulation** : Ceramic wool /mineral wool 100mm thick.

**Others** : Air circulation fan provided, Programmable fan speed, Exhaust opening provided at the top with adjustable damper.

**Accessory** : A voltage stabilizer of required power rating that can take care of the huge fluctuations in voltage needs to be quoted as an accessory to the equipment and quoted separate as an accessory.

## **General requirements**

- Warranty: Minimum one year.
- Equipment should be provided at the Department of Physics, University of Calicut without any extra transportation charges.
- Installation within 2 months of placing the order.
- Compliance statement against each of the above points of specifications should be part of the documents to be submitted.