

**INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE**  
**Jadavpur, Kolkata - 700032**

**TENDER NOTICE NO. SSP/SM/CSIR/01**

**Date. 09.08.2012**

***Sub: High Temperature Three Zone Horizontal Tube Furnace with Precision Temperature Controlling Option***

Sealed item rate tenders in two part bidding systems (Part I: technical bid and Part-II: price bid) are invited from bonafide, resourceful and eligible manufacturers/exclusive distributors who are enlisted to Indian Association for the Cultivation of Science, for a “High Temperature Three Zone Horizontal Tube Furnace with Precision Temperature Controlling Option” at Indian Association for the Cultivation of Science, 2A & 2B, Raja S. C. Mullick Road, Jadavpur, Kolkata -700032, by 14.09.2012. Manufacturers/exclusive distributors should have past history of supplying this type of furnace to other organizations.

Required specifications are as follows:

**Maximum Temperature:** 1200°C

**Temperature Controller:** Eurotherm 3216P1 or equivalent temperature controller with 8 segment ramp and dwell in centre zone. End zone may have Eurotherm 2132 or equivalent temperature controller. The controller must have the ability to control the slow cooling protocol very accurately.

**Tube Inside Diameter:** 50mm

**Heating Elements:** Resistance wire element wound on the ceramic work tube

**Temperature Uniformity:** Furnace must be capable of maintaining very good temperature uniformity over a wide region of the heated zone.

The tenders should be sent to the following address:

**Registrar,  
Indian Association for the Cultivation on Science  
2A & 2B, Raja S. C. Mullick Road, Jadavpur, Kolkata -700032**

*N.B.* The tender notice number and the name of the instrument should clearly be written on the envelope.