

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

TENDER NOTICE NO. SSP/SM/DST/02

Date. 09.08.2012

Sub: High Temperature Box 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 Box 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: 1400°C

Temperature Controller: Digital programmable control which can store at least one program of 8 segments with ramp and dwell. The controller must have the ability to control the slow cooling protocol very accurately.

Rapid Heat up Option: Furnace must have the facility of very fast ramping to the maximum operating temperature.

Over Temperature Protection: It is preferable to have an over temperature protection arrangement in the furnace.

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

Chamber Size (in cm.): 15 x 14 x 25 (H x W x D)

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.