

# TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## Centre for Interdisciplinary Sciences

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Date: 16-01-2017

Public Tender Ref. No. TFR/PD/IC16-616/0031

To  
Vendor/Bidder,

Subject: CORRIGENDUM NO. 1, AGAINST TENDER NO. TFR/PD/IC16-616/0031 DT 26-12-16 for Supply, Installation and Commissioning of Cryogen-free Variable Temperature Insert (VTI) Cryostat System from 1.5k to room temperature with 9Tesla Magnet along option of Dilution fridge probe/insert with base temperature of 10-15mk.

Dear Sir,

Please refer the subject tender published in Times of India (all editions) on 28-12-2016, the following amendment to the subject is being issued:

The Corrigendum No. 1 for the technical specifications to be read as follows:

1) **‘The whole of the system must be cooled by a cold head by a pulsated tube’** must be read as **‘The whole of the system must be cooled by a cold head by a pulsated tube or GM cryocoolers’**.

2) **We would like to add the following to the list of other optional items on page 4 of the tender document.**

Helium 3 insert with minimum temperature of less than 300mK with hold time of more than 48 hours. The system should be supplied with all the temperature sensors, heaters and wiring required for operation with following specifications.

a) Sample Space equal or greater than 55mm diameter.

b) 44 Leadless chip carrier (LCC) socket with around 20 miniature coax lines. The LCC should be on a Polar Sample rotation (in-plane to out-of-plane rotation of the sample) stage with manual tilt, range of 180 degree and precision of 0.1 degree.

- 3) **'The insert should make it possible to cover a temperature going from 1.5K to 300K with stability of  $\pm 0.1K$  over a period of several hours.'** Should be read as **'The insert should make it possible to cover a temperature going from 2K or less to 300K with stability of  $\pm 0.1K$  over a period of several hours.'**
- 4) We would like to add the following information in the tender **'The vendor may choose, not to provide a quote for any of the optional items by providing a justification.'**
- 5) The **Due date is amended as 01-02-2017 upto 13.00 Hrs. instead of 25-01-2017**

All other terms & conditions of subject tender shall remain unchanged. This Corrigendum No. 01 is an integral part of the subject tender and a copy of the same must be submitted along with the offer duly signed and stamped.

**ADMINISTRATIVE OFFICER  
(PURCHASE SECTION)**