



IISER Mohali

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित

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IISERM(704)16/17Pur/Corrigendum

22nd November 2016

Corrigendum

In continuation of our open tender for the supply and installation of **Helium liquefier** vide Ref. No. IISERM (704)16/17 Pur dated 03rd November 2016, the due date for the submission of tender is now extended up to 08th December 2016 up to 1pm with revised specifications (given below). The tender will be opened on the same day at 4pm.

Sr.	Description	Qty.
01	Helium liquefier	01

Specifications for the helium liquefier

Tenders are invited for a helium liquefier that can produce liquid helium at a minimum rate of 25 liters/day. Installation of the liquefier must be included in the quote.

Required specifications:

Please use the given format for your response on the technical specifications; any other format may be rejected.

01. Liquefier

Sr.	Items/Parameters	Desired range/features	Vendor's remarks
1.	Liquefaction rate	Minimum 25 liters/day	
2.	Storage dewar	e. Capacity: Minimum 150 liter. f. The dewar should be mounted on a dolly set-up for easy movement. g. Total height including the dolly castor wheel: should be preferably less than or equal to 6 feet. h. Should be equipped with appropriate pressure regulating and safety devices.	
3.	Control system	f. The control system should be fully automated. g. Should be equipped with liquid helium level sensor with an electronic level monitor. h. Should be equipped with pressure monitor and neck heater. i. Control software should be provided. Internet enabled monitor and control will be preferred. j. All the thermometers used should be calibrated and integrated with the control sys-	

		tem.	
4.	Electrical power	The system should operate at AC 210V @ 50Hz. Power consumption is less than 15 kVA.	
5.	Compressor	<ul style="list-style-type: none"> d. Should be based on either GM or Pulsed tube technology. e. May be water cooled or air cooled. f. The maintenance procedure of the compressor must be mentioned. The compressor with minimum maintenance cost will be preferred provided the other technical specifications are satisfactorily met. 	

02. General

Sr.	Item	Description	Vendor's remarks
1.	Delivery time	Should not be more than 5 months after placing the order.	
2.	Installation	Should be done by the vendor.	
3.	Service	<ul style="list-style-type: none"> c. Cost for comprehensive maintenance service for 5 years (beyond regular warranty) should be included in the quotation. d. The vendor must have at least one trained service engineer based in India who can be contacted for emergency and regular maintenance. Name, affiliation and contact phone number of the engineer must be provided. 	

Important note: The specifications mentioned above must be fulfilled in order to qualify.

Please send hard copies of your quotation in two parts in two separate sealed envelopes (mailing address is provided at the end of this message). The first part (Part A) should contain only the technical data and the second part (Part B) should provide the financial details and the price offered. The envelopes should be properly labeled as “Part A: Helium Liquefier (Technical)” and “Part B: Helium Liquefier (Financial)”. The two sealed envelopes can be packed together inside another bigger sealed envelope for mailing. The quotation can be rejected without opening Part B if the technical aspects in Part A is not satisfactory and as per requirements.

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Assistant Registrar (S&P)