



national centre for biological sciences  
tata institute of fundamental research

National Center for Biological Sciences  
Tata Institute of Fundamental Research  
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**ENQUIRY**

Ref:NCB/CA19-1/190055

10-05-2019

Dear Sirs,  
Please let us have your Quotation for the following :

Si No	Description	Qty
1	<p style="text-align: center;"><b><u>Specifications of vacuum pump with Air Cooled chiller</u></b></p> <p><b><u>1. Vacuum Pump</u></b></p> <ul style="list-style-type: none"><li>• System should be TWO STAGE WATER RING vacuum pump with minimum 7.5HP capacity, factory assembled and tested Motor.</li><li>• Pump assembly should have leak proof single mechanical seal</li><li>• The vacuum pump should have maximum displacement of Minimum suction capacity of 120m<sup>3</sup>/hr <math>\pm</math>5% to achieve Vacuum of 720 mm of Hg.</li><li>• The vacuum pump should have three phase motor. Motor rating should be 5.6kW (7.5HP).</li><li>• The pump Rotational should be 1440 RPM.</li><li>• The operating Voltage of vacuum pump should be 3phase 415 Volt</li><li>• The system should be supplied with all the accessories, power cables required to function</li><li>• The vendor should compulsory have site visit for better understanding the requirement, As this is for the replacement for the existing setup.</li><li>• The system should have the warranty for 3 years.</li><li>• The system should be supplied with all accessories required to function.</li><li>• The product should be as per CE/IEC guideline and certificate from authorized body should be submitted. No self-declaration will be accepted.</li><li>• The service team should be in Bangalore. Contact details of Engineer should be submitted with this offer</li><li>• The system should be CE/ ISO certified</li></ul> <p><b><u>2. Air Cooled water Chiller</u></b></p> <ul style="list-style-type: none"><li>• System should be air cooled water chiller with cooling capacity of 8.5kwatt</li><li>• The Chiller should have minimum 40 liter water tank.</li><li>• The chiller should be supplied with circulation water pump with capacity of 0.75kw (1HP).</li><li>• The chiller should have provision to control the chilled water flow.</li><li>• The chiller should be supplied with microcontroller based</li></ul>	1 No

	<p>temperature controller.</p> <ul style="list-style-type: none"> <li>• The chiller should operate at temperature ambient to 4°C.</li> <li>• The operating Voltage of chiller should be 230Volt, 50 Hz.</li> <li>• The supplier should quote the fabrication charges, SS piping, valves to integrate the vacuum pump and water chiller to the existing vacuum plant.</li> <li>• The vendor should compulsory have site visit for better understanding the requirement, As this is for the replacement for the existing setup.</li> <li>• The system should have the warranty for 3 years.</li> <li>• The system should be supplied with all accessories required to function.</li> <li>• The product should be as per CE/IEC guideline and certificate from authorized body should be submitted. No self-declaration will be accepted.</li> <li>• The service team should be in Bangalore. Contact details of Engineer should be submitted with this offer</li> <li>• The system should be CE/ISO Certified.</li> </ul>	
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1. The bids shall be enclosed in an envelope and due date sealed duly marked Tender for \_\_\_\_ Ref No: 190055. The bids should be addressed and to be couriered (sent by post/ courier) to 'THE HEAD-PURCHASE'.

The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No. and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail, it should reach by submission date and time and NCBS will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 16-05-2019 BY 5.30 PM.

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The validity of your quotation should be for 60 days from the due date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & warranty period.

7. Delivery to be made to our stores. Please indicate charges, if any extra. Transit Insurance should be done upto NCBS Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.

9. Payment: within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs duty (Except advolerum duty of 5% + 2% Cess and 1% Cus Sec & High Edu. CESS vide Notification No. 51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices

12. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties

14. "Liquidated damages: If the \_\_equipment/ items \_\_\_\_\_ as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of

penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

15. TIFR is a public funded research institute and is entitled to concessional rate of GST @ 5% for certain items supplied for research purpose vide notification no. 47/2017 and 45/2017 dated 14th Nov, 2017. The offer should be submitted after fully considering the above notification.

16. Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services

Yours faithfully  
For and on behalf of  
National Centre for Biological Sciences

  
Head Purchase

