



30-04-2019

**Addendum No.1**  
**Ref: NCB/CA19-1/190055 (T)**

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The following Addendum is issued to our Tender, under Reference No: NCB/CA19-1/190055 (T) to amend the specification and extension of due date.

**FOR:**

Si. No	Item Description	Qty
1	<p style="text-align: center;"><u>Specifications of vacuum pump with Air Cooled chiller</u></p> <p><u>1. Vacuum Pump</u></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>• The preferred brands are Edwards, pompetrivaini and Dekker</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 ±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><u>2. Air Cooled water Chiller</u></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 temperature controller.</li> <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</li> </ul>	1

	<p>integrate the vacuum pump and water chiller to the existing vacuum plant.</p> <ul style="list-style-type: none"> <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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**READ:**

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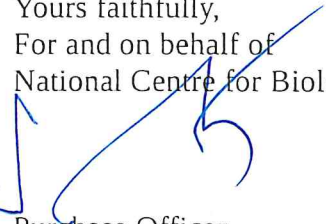
	<ul style="list-style-type: none"><li>• The system should have the warranty for 3 years.</li><li>• The system should be supplied with all accessories required to function.</li><li>• The product should be as per CE/IEC guideline and certificate from authorized body should be submitted. No self-declaration 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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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.

**DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 09-05-2019 BY 5.30 PM.**

All other terms and conditions of the Tender Documents remains unaltered.

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

