

जवाहरलाल नेहरु उन्नत वैज्ञानिक अनुसंधान केन्द्र
(मान्यता प्राप्त विश्वविद्यालय)

JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH
(A Deemed University)

जक्कूर, बेंगलूर - 560 064, भारत / Jakkur, Bengaluru - 560 064. INDIA

विज्ञान और प्रौद्योगिकी विभाग, भारत सरकार / Department of Science & Technology, Government of India

JNC/PUR/MBGU/NS/2016-2017/FE

01/02/2017

Request for Quotation

Sub: Procurement of Incubator shaker (Benchtop type)

JNCASR is interested to procure one number of Incubator shaker (Benchtop type) as per broad specifications shown in **Annexure - I**. You may send Technical specifications of the system you would be proposing as well as commercial aspects of the same in **single sealed cover** addressed to the **Senior Stores & Purchase Officer, JNCASR, Bangalore 560 064** with a superscription of the RFQ # **JNC/PUR/MBGU/NS/2016-2017/FE** and date on or before 4.00.P.M. on **15.02.2017**. Please indicate taxes and duties, delivery schedules, after sales support and any other technical information in support of your offer.

Other Terms & Conditions:-

1. 100% Letter of Credit
2. 90% against documents through Bank
3. 10% against installation and commissioning and on submission of 10% Performance Bank guarantee valid for one year from the date of installation and acceptance.
4. Warranty minimum two years from the date of supply/installation/acceptance.
5. Delivery within eight weeks from the date of LC opening.
6. Mode of shipment FCA basis under INCO Terms 2010.
7. Installation and training must be carried out free of cost.
8. Bids submitted by vendors with very poor after sales service record at JNCASR will not be considered. To establish this JNCASR may review the services with reference to the service rendered by various suppliers at this Centre and at similar institutions.
9. Please note that JNCASR is exempted from Central Excise Duty under Government Notification No. 10/97 and Customs Duty under Government Notification No. 51/96.


(K. Bhaskara Rao)
Senior Stores & Purchase Officer.

Encl: a/a

ANNEXURE-1

BENCHTOP MODEL REFRIGERATED STACKABLE INCUBATOR SHAKER SPECIFICATION

- Should have Temperature range from 20°C below ambient to 80°C PI Microprocessor control with platinum RTD Sensor.
- Speed should be: 25- 400 rpm, ± 2 RPM
- Should have Accuracy and control: ±0.1°C AT 37°C.
- Shaker should be equipped with single knob to select all operating conditions quickly with large LCD display.
- Capable of calibrating temperature and speed via keypad.
- At least 3 onboard programs should be there in shaker each program should have different time based steps to control temperature and speed. (Minimum 15 steps per program)
- Shaker should have drip pan.
- Should have built-in water reservoir to humidify chamber reduce sample evaporation.
- Shaker with minimum foot print will be preferred.
- Humidity monitor, gassing manifold, remote alarm, photosynthesis light bank & UV germicidal lamp should be available optionally.
- Alarm must be activated if speed deviates ± 5 rpm.
- Shaker must have option of 19mm & 25mm drive orbit.
- Should come with Automatic Restart: Starts automatically after door opening and closing or power failure.
- Should have heavy duty counterbalanced Triple-eccentric counterbalanced drive in cast iron housing with 9 permanently lubricated ball bearings, Driven by solid-state brushless DC motor.
- Should have data logging via RS 232 and remote computer running conventional lab management software or hyper terminal.
- Should have acceleration circuit to prevent sudden start and stop to avoid cell damaging.
- Should have universal platform with dimension of 18" Wide X 18" Deep (46cm x 46cm). with clamps for 250ml(4nos), 500(4nos), 1000ml(2nos) and 2000(2nos).
- Should have Stainless Steel rack comes as standard for the incubation.



के. भास्करा राव / K. BHASKARA RAO
बहिष्कार एवं सप्लाय अधिकारी / SR. STORES & PURCHASE OFFICER
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