

# 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/DST/TRC/KSN/2015-2016/FE

18/07/2016

## Request for Quotation


**Sub: Procurement of Optical table, Standard Vibration isolator and low noise air compressor**

JNCASR is interested to procure one number each of Optical table, Standard Vibration isolator and low noise air compressor shown in Annexure – I. You may send the Technical specifications of the system you would be proposing and the commercial aspects of the same in two separate sealed covers on or before **4.00.P.M. on 03.08.2016**. A Technical committee of the Centre will evaluate the technical configurations and shortlist the Vendors for further considerations. If required a Techno-Commercial Meeting will be arranged with the shortlisted Vendors. For short listing the Vendor we consider both technical features and commercial advantages.

You may send the technical and commercial bids in two separately sealed covers addressed to the **Stores & Purchase Officer, JNCASR, Bangalore 560 064**. Please indicate taxes and duties, delivery schedules, after sales support and any other technical information in support of your offer.

### JNCASR Payment terms:-

1. Irrevocable Letter of Credit. 90% against supply, balance 10% against installation/acceptance and submission of Performance Bank Guarantee of 10% of Purchase value valid for one year from date of installation.
2. Warranty minimum two years from the date of supply/installation/acceptance.
3. Delivery within six weeks from the date of Purchase Order.
4. Mode of shipment FCA basis under INCO Terms 2010.
5. 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.

  
19/7/16

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




## ANNEXURE - I

DESCRIPTION	QNTY
<p><b><u>OPTICAL TABLES:</u></b></p> <p>Length 2400mm Width 1500 mm Thickness 8 in. (203mm) Mounting Hole pattern 25mm grid Mounting hole type M6-1.0 Borders around mounting holes 12.5mm Core design – Trussed honeycomb, vertically bonded closed cell construction 0.010 in. steel sheet material, 0.030in. triple core interface Top and bottom skins 3/16 in. (4.8mm) thick with integrated damping layer Working surface 400 series ferromagnetic stainless steel Surface flatness : <math>\pm 0.004</math> in. (<math>\pm 0.1</math>mm), over 2ft. (600mm)square Deflection under load: , <math>5.0 \times 10^{-5}</math> in (<math>&lt;1.3 \times 10^{-3}</math> mm) Bandwidth : monitoring vibration : 10-820 Hz. and structural damping : 80-400Hz. Broadband damping : constrained layer core damped working surface and composite edge finish Hole/core sealing : Easy clean conical cup 0.75in. (19mm) deep, non corrosive high impact reinforced composite material Maximum amplification at lowest resonance <math>&lt; 20</math> Maximum relative motion value <math>&lt; 3.0 \times 10^{-9}</math> in. Maximum frequency response <math>&gt; 178</math>Hz. Computer interface USB2.0 I/O BNC output with sensitivity of 30V/(mm/s); frequency range of 18-820V, measurement range of 0-0.16mm/s Software drivers: Utility applications and USB drivers. Must communicate with controller through USB communication interface and must be designed to allow user to remotely control all features supported by controller. Power requirement: 100-240V AC, 1.5A, 50/60Hz.</p>	1set

  
के. भास्कराव / K. BHASKARA RAO  
बुकिंग ऑफिस एवं क्रय अधिकारी / SR. STORES & PURCHASE OFFICER  
जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र  
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जवाहरलाल नेहरू - 560 064 / JAKKUR, BANGALORE - 560 064.



<p><b>STANDARD VIBRATION ISOLATORS</b> Height 23.5in. (597mm) Load per isolator 2000lb (900kgs) Number of isolators 4, Horizontal isolation, Res 1.5Hz. Horizontal isolation 5Hz. 85% Isolation, Horizontal 10Hz.95% Vertical Isolation, Res. 1Hz. Vertical Isolation 5hz. 94% Self centering Yes Settling Time 1.5sec Re-leveling accuracy 0.010 in, ( 0.250mm) Height adjustment 1.3in ( +33mm) Float height indicator Yes Amplification at Resonance. Horz. 9dB Amplification at resonance, Vert. 10dB Max. Air pressure 20-85 psi (1.4 – 6.0 kg/cm<sup>2</sup>) Max. load range: 8000 lb (3640kgs)</p> <p><b>LOW NOISE AIR COMPRESSOR 3.5liter CAPACITY, 220 VAC</b></p>	<p>1Set.</p> <p>1 No.</p>
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श्री. भास्करा राव / K. BHASKARA RAO  
सिडि स्टोर्स एण्ड प्राय अफिसरी / SR. STORES & PURCHASE OFFICER  
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