



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 P.O., Bangalore - 560 064. INDIA

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

JNC/DST/GUK/4286/2015-2016/FE

21/09/2015

Request for Quotation

Sub: Procurement of Spin Coater.

JNCASR is interested to procure one number of Spin coater as per the broad specifications 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 **30.09.2015**. 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. 100% Letter of Credit
2. 90% against documents through Bank
3. 10% against installation and commissioning, subject to 3(a).
- 3(a) 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.

(Dr. P. Chiranjeevi)

Stores & Purchase Officer.

ANNEXURE – 1

Sl. No.	<u>Spin coater Specifications</u>
1	Digitally controlled Motor with digital incremental speed signal feed back
2	Speed Range-1RPM to 12000RPM +/-1 RPM Steps
3	Spin speed accuracy: +/-0.1RPM
4	High speed acceleration up to 0 - 12,000rpm in 0.3 sec.
5	Unlimited Program Storage for recipes with multiple steps/each for: a) Time 0.1-99999 sec/step b) Speed 0-12,000 rpm c) Rotation direction (CW, CCW, puddling) d) Acceleration/Deceleration 1-30,000 rpm/sec., selectable per step
6	N Stage spinning control
7	Housing material: NPP
8	Min Substrate diameter: 10mm
9	Drain connection 1" male NPT
10	Electro-magnetic safety lid lock
11	Transparent Lid with syringe holder for central dispensing
12	External Connection: 1 USB Port in the controller
13	Power requirements:- Voltage: 200 - 240 VAC 50/60 Hz (auto select)
14	Max Substrate diameter: 160mm round or 4"x 4" square
15	Interface: Detachable full size touch screen, Glove friendly, IP52, Chemical resistant
16	Process chamber material: NPP
17	Oil free vacuum pump (optional)

(Stores & Purchase Officer)

डॉ. पी. चिरंजीवी / Dr P. Chiranjeevi
प्रभारी, भंडार एवं क्रय / In-Charge, Stores & Purchase
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