



भौतिकी संस्थान  
भुवनेश्वर  
Institute of Physics

Bhubaneswar - 751005, India

(परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वायत्त अनुसंधान संस्थान)  
(An Autonomous Research Institute of Department of Atomic Energy, Govt. of India)

**SPEED POST**

**QUOTATION CALL NOTICE**

Ref.No.IOP/PUR/LAB/2017-18/ <u>3255</u>	Rate quotation for: ROTARY EVAPORATOR
Date: <u>14.3.18</u>	

To:

Dear Sir,

Sealed quotation is invited for supply of Rotary Evaporator as per specification, terms and conditions noted below.

Sl	Description/Specification	Unit	Quantity
1	Rotary Evaporator(Detail Specification attached)	No	01

**TERMS & CONDITIONS:**

1. Intending supplier should be a registered dealer having TIN/GST Registration No. and should submit a copy of the same.
2. Intending supplier should also be furnished the authorization from OEM if the supplier other than manufacturer.
3. Quotation is to be submitted by **post/courier** only in sealed envelope with superscription "Rate Quotation for supply of "Rotary Evaporator" and addressed to the Registrar, Institute of physics, P.O: Sainik School, Bhubaneswar-751005.
4. The quotation should be submitted within **07 days** from the date of issue of this letter in the office of the Registrar along with copies of the aforesaid certificates if any failing which the same will be rejected.
5. Rate quoted should remain valid for ninety days from the date of submission of the quotation.
6. Price quoted should be FOR destination at IOP site basis.
7. Taxes and levies if applicable will be paid extra, which should be specified separately.
8. 100% payment will be made on delivery of goods in satisfactory conditions and against submission of bill/invoice in duplicate.

Yours faithfully

  
**रजिस्ट्रार / REGISTRAR**

## Specifications for Rotary evaporator

- Rotary Evaporator condenser with Motorized lifts *with safety stop function*
- Rotational speed of RBC speed range of 20-280 rpm
- Integrated control of heating bath, vacuum pump, chiller and drive rotation.
- 1400 cm<sup>2</sup> or larger cooling surface area for better recovery rate.
- CW & CCW Rotation with interval option for faster powder drying.
- *Timer function and RS 232 interface for software connectivity*
- IR communication with heating bath which auto power off and avoids wired communications
- *Heating temperature range of RT to 150 °C (or more) for water and oil bath application*
- Bath capacity of 3 litres or more;
- Heating bath should be able to accommodate up to 3 litres of evaporation and receiving flask
- *Heating bath should have heat control accuracy of  $\pm 1$  K or less*
- *Safety temperature circuit and Dry Run protection of heating bath*
- *Locking function of heating bath for avoiding accidental changes of settings*
- Heating bath can be used as standalone unit for different applications.
- Solutions with different boiling points should be identified and distilled
- Vacuum reading and control through manual/automatic valve.
- Five year warranty.
- Protection Class – IP 20

