



Gauhati University

Department of Chemistry
Gopinath Bardoloi Nagar, Guwahati-781014
Assam::India

NIQ No: GU/Chem/DST-INSPIRE/TKG/2016-1

Date: 12/12/2016

Place: Guwahati

Quotations from the reputed manufacturers/dealers/suppliers are invited for the supply, installation etc. for a **Rotary Evaporator** in the department of Chemistry, Gauhati University, Guwahati, Assam under the DST-INSPIRE Faculty Program (File No. IFA14-CH-164). **The last date of submitting the quotation to the undersigned is 21/12/2016.**

Item: Rotary Evaporator with all necessary accessories (1 unit)

Technical Specifications: (i) DC brushless motor drive with rotation speed range of 5-300 RPM with a control of 1 RPM; (ii) Manual lift with safety "lift-out-function" with 120 mm stroke; (iii) Adjustable immersion angle with easy exchange of flasks by clamp mechanism with push-out function; (iv) Clearly visible glass digital display; (v) Locking mechanism for vapor tube with color coated display; (vi) Vertical glass condenser with minimum 1500 cm² cooling surface; (vii) Heating bath temperature: RT to 180°C with control accuracy of $\pm 1^\circ\text{C}$, heat output 1300 watt; (viii) Lock function of heating bath temperature with safety temperature circuit and dry run protection; (ix) Bath capacity: 3 liters to accommodate flask size 50 to 3000ml; (x) Instrument should include rotary evaporator, heating bath, vertical condenser, 1 liter evaporation and 1 liter receiving flask, solvent trap and all necessary accessories to make it functional; (xi) Warranty: minimum 3 year.

The vendor must have ISO certificate and service center in Guwahati, Assam.

Gauhati University reserves the right to modify/cancel the requirements.

All terms and conditions will be as per the Gauhati University rules, regulations and decisions.

Principal Investigator:

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