

TENDER NOTICE FOR ROTARY VACUUM EVAPORATOR WITH CHILLER

Sub: Procurement of Rotary Vacuum Evaporator with Chiller

Sealed rate quotations are invited from reputed Original Equipment Manufacturers / Authorized Dealers / Bidders for supply and installation of a **Rotary Vacuum Evaporator with Chiller and vacuum pump** at Chemistry Department, Nagaland University, Lumami.

Specifications are as follows:

ROTARY EVAPORATOR

Height Adjustment provision 150 ~160 mm Evaporating Flask angle can be adjusted in between 20° to 80° Preferably detachable operating panel Universal Heating bath temperature ambient to 200 deg C Heating bath with safety handles and drain spout should be available. Bath over temperature cut-off automatically if temperature overshoots by 5°C or runs in dry condition. Bath Temperature Accuracy:±1 Digital Display of Heating bath for actual and set temperature, All parts which are in contact with the media should consist of GRAPHITE filled PTFE Vacuum seal.

Interface for display, adjustment & control of vacuum. Timer function for process determination after pre specified time. Control range : Ambient pressure to 0 mbar . Integrated communication of distillation parameters between Rotavapor, Vacuum Pump and Chiller from Vacuum Controller

RECIRCULATING CHILLER , 230V 50/60Hz

Should allow an efficient distillation independent of tap water.

Weight: less than 30kg

VACUUM PUMP: speed around 1500 rpm with sound absorber , operated on 100-240 V, 50/60 Hz.,

The price should be quoted for Nagaland University, Lumami Campus and should reach within 7 days (Via email attachment) from the date of publication of this notification.

The quotation should be addressed to:

Project Investigator
SERB-DST project
Department of Chemistry
Nagaland University
Lumami – 798627
Nagaland

Email: itphucho@gmail.com