

Center for Rural Development and Technology

Indian Institute of Technology

Hauz khas, New Delhi-110016

Date: 18/9/2014

Due Date: 8/10/2014

### NOTICE INVITING QUOTATION

Sealed quotation are invited for a "Rotary Evaporator" with the following specification and accessories

#### **ROTARY EVAPORATOR**

6 different types of flasks (from 50ml to 3000ml)  
Speed control range: 20~280 R.P.M  
Slant type condenser  
Digital interior temperature measure and display  
Motorized up & down Control switch

#### **Steel Water bath**

Double Jacketed Bath safe to touch  
Heater : 1000W  
Temp. Control range : Amb.~180°C  
Temp. Setting/Display : Digital control

#### **DIAPHRAGM VACUUM PUMP**

100% oil-free transfer, pure transfer, evacuation and compression, Highly compatible with vapors and condensation, Chemically-resistant, Maintenance-free and Environmentally friendly

Delivery (l/min) 1 20  
Ultimate vacuum (mbar abs.) 7.4 (740mmHg)  
Operating pressure (bar g) 1  
Connectors for tube (mm) ID 10  
Permissible gas and ambient  
Temperature +5...+40°C  
Voltage / Frequencies 230V/50Hz  
Power P1 180W  
Operating current 0.7A

#### **VACUUM CONTROLLER**

Solid state module maintains precise control ( $\pm 3\%$ ) of the System vacuum by cycling the pump on/off as required.  
Adjustable for any pressure level between 1mmHg and kpa abs 101~0  
Power source: AC 220V 50/60Hz

## **CHILLER**

Capacity **40**

Circulator Pump Magnet 20W Max. flow 15ℓ/min

Temp. Range Down to~ -20°C

Controller FND Controller

Refrigerator 1/3HP

Refrigerant 134A

Dimension (W×D×H) 250×510×510mm

Power Supply AC 230V 50/60Hz

### **Terms and Conditions**

1. A minimum comprehensive warranty with spares for 3 years from the date of installation of the instrument.
2. Taxes as applicable should be indicated clearly.
3. No advance payment will be possible.
4. Payment after satisfactory delivery and installation of instrument.

**The Institute/ purchase committee has the right to accept or reject any bid or all quotations without assigning any reason whatsoever**

- Sealed quotations in separate envelopes of Technical and Commercial bids kept in one sealed outer envelope (super-scribed "Quotation for Rotary Evaporator ") should be addressed to Prof. Santosh Satya, CRDT, IIT-Delhi, Hauz Khas, New Delhi 110016 and should reach the CRDT, IIT-Delhi by 8<sup>th</sup> October 2014.