

Institute for Intensive Research in Basic Sciences (IIRBS)
Mahatma Gandhi University
Kottayam

03/03/14

Quotation Notice

Supply of Rotary Evaporator(06 Nos.)

Competitive quotations are invited for the supply of rotary evaporator with the following specifications.

- Rotary evaporator with vertical condenser and motor lift.
- The universal heating bath should accommodate 5 liter flasks.
- Double wall for protection against burns and scalding.
- The heating bath can be adjusted horizontally up to 200 mm.
- The detachable operating panel can be attached via Velcro or with a special suspension at eye level for convenience outside of closed fume hoods.
- In case of a power-cut, automatically remove the flask from the heating bath. Material of heating bath must be V4A (1.4404).
- Temperature range of heating bath to be 20 to 210 deg.C.
- Heating capacity should be 1300W.
- LCD graphic display.
- DC motor drive with electronic speed control.
- Rotational speed up to 280 rpm.
- System should have integrated vacuum controller, sensor and other accessories. Programmable for method setting.
- Over protection of bath by cut off at 5°C over set temperature via separate
- Pt 1000. Secondary over temp. cut off at 250°C.
- Designed vapor tube with sleeve to added more strength and easily removes from the drive.
- All parts which are in contact with the media consist of GRAPHITE filled PTFE Vacuum seal.
- To protect the heating bath against short-circuits and systematic corrosion, the cable coupling complies with the protection class IP 67
- Unit should comply with CE certification.
- System should be quoted with 3 years warranty.

Last date for receipt of quotations: 24.03.2014 at 5.00 pm

Email: iirbsmgu@gmail.com Phone: 0481 2732992, 8281146319

** Specifications and configuration of the required Rotary Evaporator can be obtained from the IIRBS office during office hours (9am – 5pm).*

Director
IIRBS