



NOTICE

No. Tender Notice / Polymer Sc. & Tech./ 01

Date : 06.06.2016

Sealed Quotations are invited from the established vendors for a DRUG DISSOLUTION APPARATUS with following specifications.

DRUG DISSOLUTION APPARATUS:

Technical Specifications:

- **Type:** This instrument should carry out six tests of dissolution rate of tablets and capsules simultaneously as per USP standard.
- **Temperature:** It should maintain constant temperature during the tests. Temperature should be controlled by fully solid state controller. Temperature range should be 30°C above ambient temperature to 80°C within accuracy $\pm 1^\circ\text{C}$.
- **Heater:** 100 watts stainless steel heater should be attached.
- **Water bath:** Water bath container should be made of 8 mm thick transparent heat resistant acrylic.
- **Jars:** six numbers of round bottom jars should be made of unbreakable polycarbonate and placed equidistant inside the water bath. Jars should also have acrylic lids which allows passing of stirring shaft.
- **Shafts:** The shafts should be suspended from the top and operated by the motors.
- **Speed:** The motors should be electronically controlled to give speed variable from 20 to 160 precisely within ± 1 RPM.
- **Motor:** The motor assembly should be lifted with auto lifting mechanism for easy operation.
- **Paddle/baskets:** The basket assemblies and stirring paddles should be made of stainless steel.

- **Timer:** A microprocessor based digital pre-set timer [00.01 to 99.59 (HH:MM)] with alarm should be attached.
- **Sensor:** dual sensor system should be attached.
- **Display:** 20cm×4 cm LCD for temperature, time and speed should be attached.
- **Dimensions:** This apparatus should have dimension of 615mm×580mm×585mm.

Technical terms and conditions:

- The company should provide free installation of the equipment including detailed demonstration of the same.
- Company should provide minimum three years warranty from the date of purchasing the equipment.
- Paddles should be replaced if any structural difficulties arise.

Other Terms & Conditions

Terms & conditions:

1. The sealed quotations are to be submitted along with valid Trade License, VAT registration Certificate, Income Tax Return documents and other necessary documents in the office of the Assistant Registrar from 11 a.m. to 5 p.m.
2. The last date of submission of quotation is **14.06.2016**
The date of opening of Tender is **15.06.2016 at 3 p.m.**
3. The decision of the authority is final. The authority reserves the rights to accept or reject Tender without assigning any reason.
4. The University reserves the rights to amend or modify any of the terms and conditions as contend here in and/or to bring forth or incorporate such other terms or further terms and conditions for performance of the job and/or the contract.
