

University of Kashmir

Department of Biotechnology

No. F(tender notice)-DST-SERB
Dated: 12/06/2017

TENDER NOTICE for supply and installation of equipment's

Sealed tenders are invited from manufacturers/authorized dealers of companies for supply and installation of the standard imported equipments listed below. The tenderer should have TIN number, latest VAT clearance certificate and should submit detailed catalogue of the equipments and an authorization letter from the principal manufacturers of the equipments along with tender. The Technical and Price bids should be kept in separate envelopes. The rates should be quoted for Department of Biotechnology, University of Kashmir, Srinagar and all taxes applicable shall have to be included and indicated clearly and separately. The successful bidders shall have to enter into an agreement with the Department of Biotechnology regarding post sale service and related matters on mutually acceptable terms and conditions.

The last date of submission of tenders in person or by post to undersigned shall be **17/06/2017 (upto 3p.m)**. The tenders received after the expiry of the due date shall not be considered. Detailed specifications of each equipment are available on the official website of the University of Kashmir.

List of Equipment

S.No	Name of the item	Specifications
01.	Quantitative PCR, Quantity: 1	The instrument must be a flexible system i.e., compatible with other reagents, dyes and plastic ware. Block format needed is Peltier based (96 well) with a dynamic range of at least of magnitude 9. Temperature range required is 4-100 degree C with an accuracy of +/- 0.25 degree C. The block ramp rate of more than 2.5 degree C/sec should be adjustable. The system should be provided along with a compatible branded laptop. The instrument should be equipped to provide solution for multiple dye signal, to enable simultaneous detection of multiple flurophores with reduced cross talk. Calibration with new dyes should be done without any filter or hardware change.

02.	Refrigerated Centrifuge Quantity: 1	Temp. range –9 to + 40 deg C, Centrifuge should have a minimum capacity of 1Litter, Short spin key, Rotor imbalance indicator, Fast cool option & stand by cooling, Facility to put “at set rpm” function, 10 acceleration & 10 breaking ramps , Should have a 35 user-defined programs, Ability to spin 15 ml and 50 ml falcon tubes and U-shaped bottom tubes at 11000 rpm , Adaptor should be available for volumes from 1.5 ml to 85 ml in the Fixed angle rotor. (Such as 2ml, 7ml, 15 ml , 18ml,20ml, 30ml,50ml), Swing-bucket rotors and adapters accommodate tubes and bottles from 0.2 mL to 250 mL. Ability to spin Plate rotor for centrifugation of all types of MTP, PCR, cell culture, or Deepwell Plates, Power Consumption should not more than 1650W, Noise level should not more than <58 dB, Should have a built in condensation drain to avoid the corrosion of the Chamber. Required Rotors: 1) 6x15/50ml tubes fixed angel metallic and autoclavable rotor with minimum 14400g/11000rpm 2) 30x1.5/2ml metallic autoclaveable rotor with 20500g or more.
03.	SDS PAGE (Mini-Protean Tetra Cell) Quantity: 1	The apparatus must have a running capacity of upto 2 gels at a time and upgradable to 4 gels. The least plate size required is 8*9 cm with integrated spacers fused to the glass plates with varying spacer thickness (1 mm, 1.5mm). Gel system must include all the required components certified from European CE/ UL/ ISO 9001 for quality assurance

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