



LIAQUAT UNIVERSITY

OF MEDICAL & HEALTH SCIENCES

JAMSHORO SINDH – PAKISTAN

No .LUMHS / Main/ Central Store/-21023

Dated: Feb 28th 2012.

NOTICE INVITED TENDER

FOR THE PURCHASE OF THERMO CYCLERS FOR DEPARTMENT OF MOLECULAR BIOLOGY AND GENETICS LABORATORY (MBGL), LUMHS, JAMSHORO.

Sealed Tender bids are invited from the good reputable Firms / Dealers registered with the GST & Income Tax Authorize for supply of Thermo Cyclers for Department of Molecular Biology and Genetics Laboratory (MBGL) LUMHS, Jamshoro.

Tender documents alongwith terms and conditions may be obtained from purchase and store Department of this University on written request made on firm's Letter head on any working day during the office hours from **01-03-2012** on deposit of pay order / DD of Rs. 5,00 (Five Hundred) non refundable fee in favour of Vice-Chancellor, LUMHS, Jamshoro.

Tender Documents can also be downloaded from University Website. The details of Tender specifications available in Tender Documents.

Tender duly completed and addressed to the Registrar / Chairman, Central Purchase Committee, LUMHS, Jamshoro along with Pay Order / DD of 5% of the Quoted Rates as Earnest Money may be dropped in the Tender Box placed in the office of the Registrar / Chairman Central Purchase Committee up to 11:00am on **20-03-2012** which will be opened on same day at 11.30am in the presence of the bidders or their representatives, who may wish to be present.

- The bidding shall be on single stage two envelopes procedures, 1st envelope should contain **Technical Proposals** only & be clearly marked as Technical Proposals.
- Second envelope should contain **Financial Proposals** and Pay Order / DD of the Earnest Money be clearly marked as Financial Proposals.
- Both envelopes should be sealed separately and placed in the third envelope. The name of the bidder / firm be clearly marked on all envelopes.
- Validity of Tender (90 days) as per PPRA Rules.

In case of unscheduled holiday Tender will be opened on next working day. The other terms and conditions of Tender shall, however, remain unchanged.

The Procuring Agency may reject all or any bids subject to the relevant provisions of PPRA Rules.

REGISTRAR / CHAIRMAN
Central Purchase Committee
Liaquat University of Medical
& Health Sciences, Jamshoro.

Requirement of Purchase & Supply of Thermo Cyclers for Department of Molecular Biology and Genetics Laboratory (MBGL), Liaquat University of Medical & Health Sciences, Jamshoro.

S.No.	Description / Specification	Required Qty	Price in C&F	Price In PKR	Price FOR
01.	<p>Specifications:</p> <p>Format</p> <p>96-well</p> <p>stores 100 methods (pre-and post – PCR holds and cycles)</p> <p>Display A 7x40-character LCD displays the countdown for each temperature incubation segment, as well as cycles completed, and temperature ramp.</p> <p>Modifiable programs.</p> <p>Default programs (pre-post-and 25-cycle PCR) can be modified to accommodate all protocols. Customized PCR methods can be stored and protected from unintentional overwriting.</p> <p>Software functions.</p> <p>Fixed ramp speeds</p> <p>Time and temperature auto-extend/ auto-decrease</p> <p>Programmable pauses</p> <p>Date</p> <p>Time</p> <p>Auto-restart (for use after power disruption)</p> <p>Tm calculator</p> <p>Temperature verification user diagnostics</p> <p>Allows laboratory technician to verify heating/cooling rates and check display functions.</p> <p>Serial communication ports</p> <p>Temperature range</p> <p>4.0 – 99.9 C Temp displays calculated sample temperatures; can be set to 0.1</p> <p>average heating/ cooling rates</p> <p>sample: 1 C/Second static temperature uniformity 0.5 C (range: 35-100C) temperature calibration</p> <p>calibrated to standards traceable to the National Institute of Standards and Technology (NIST) heated cover</p> <p>maintains constant temperature of 105 C for oil-free operation.</p>	Two (02 Nos.)			