

**H.E.J. RESEARCH INSTITUTE OF CHEMISTRY  
INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES  
UNIVERSITY OF KARACHI  
KARACHI-75270**

**RE-TENDER NOTICE NO. HEJ-PSF-311211 (3<sup>rd</sup> time)**

Sealed tenders are invited from the sales tax and income tax registered firms for purchase/import of a scientific equipment for the Center from a research project No. PSF/Res/S-HEJ/Chem (425) sponsored by Pakistan Science Foundation. The detail and specifications of the item can be collected from the date of notification of the advertisement on the websites, from Purchase Office of the Center, on any working day between 9.00 a.m. to 12.30 p.m., (except Friday), on payment of Rs. 300/- (non-refundable), in shape of a pay order (Demand Draft by the out of Karachi bidders), in favor of the Director, H.E.J., or downloaded from the websites [www.iccs.edu](http://www.iccs.edu) and [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk). The tenders can be submitted with 2% of the bid value as bid security, in shape of a pay order in favor of the Director, H.E.J., latest by 10.30 a.m. on 31-12-2011. The tenders will be opened in Purchase Office of the Center at 11.00 a.m. on the same day in presence of the bidders or their representatives. The Procuring Agency may reject all or any bid subject to the relevant provision of SPP rules.

***PRINCIPAL INVESTIGATOR***

**MICROPLATE SPECTROPHOTOMETER**  
**WITH COMPUTER AND SOFTWARE**

**Specifications:**

Wavelength range:	100- 1100 nm
Wavelength selection:	Monochromator
Wavelength accuracy:	±0.1 to 0.5%
Read –out range:	0-10 Abs
Band width:	2nm – 4 nm
Light source:	Xenon flash lamp or quartz tungsten halogen lamp
Plate types:	96 well plate
Measurement speed:	About 20 s for 96 well plate
Incubation:	+4 degree Celsius to 45 degree Celsius at ambient 25°C
Shaking:	Linear
Applications:	Nucleic acid analysis Enzyme assays Kinetic assays Cytotoxicity assays Proliferation assays Apoptotic assays ELISA assays Protein analysis

# SUMMARY SHEET

The tender will liable to be rejected if this form will not accompan<sup>y</sup> the tender bid / quote

SERIAL No.	BID VALUE	FOREIGN CURRENCY	CONVERSION RATE	PRICE IN PKR

<b>TOTAL BID VALUE IN PKR</b>		
<b>Earnest Money @ 2% in PKR</b>		
<b>Payorder / Bank Draft No:</b>		<b>Date:</b>
<b>Signature</b>	<b>Seal:</b>	

