

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

**TENDER NOTICE NO. HEJ-251011**

Scaled tenders are invited from the sales tax and income tax registered firms for purchase/import of chemicals, glassware and scientific appliances for the Center. 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) [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk) and [www.ppra.org.pk](http://www.ppra.org.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 25-10-2011. 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.

***DIRECTOR***

**LIST OF CHEMICALS / CONSUMABLES**

**PROF. DR. AHSANA DAR**

**Lab No. HEJ-313, Intercom No. 137**

S.NO.	ITEM	DESCRIPTION	QUANTITY
1.	HPLC LAMP	Deuterium (D <sub>2</sub> ) lamp of SPD-M20 A detector of Shimadzu prominence HPLC.	01
2.	Leukotriene C <sub>4</sub>	50 µG/ ml in methanol ~ 95 % HPLC , Mol wt ; 625.77, Emperical formula : C <sub>30</sub> H <sub>47</sub> H <sub>3</sub> O <sub>9</sub> S	10 µG
3.	Leukotriene D <sub>4</sub>	50 µG/ ml in methanol : water (7 : 3) containing 14 mM acetate buffer adjusted to PH 5.6 with NH <sub>4</sub> OH, ≥ 97 %. Mol wt : 496.66, Emp formula : C <sub>25</sub> H <sub>40</sub> H <sub>2</sub> O <sub>6</sub> S	10 µG
4.	12-O-Tetradecanoyl phorbol 13-acetate (TPA)	≥99% (TLC), Empirical Formula : C <sub>36</sub> H <sub>56</sub> O <sub>8</sub> , Molecular Weight: 616.83	1 mg x 5
5.	Zileuton	Assay: ≥ 98 % HPLC, powder form, colour : white to off white, emp formula : C <sub>11</sub> H <sub>12</sub> H <sub>2</sub> O <sub>2</sub> S Mol wt : 236.29	50 mg
6.	Centrifuge tubes	15 ml polypropylene with caps, round bottom, resist 15000 rpm	500
7.	Centrifuge tubes	50 ml polypropylene with caps, round bottom, resist 15000 rpm	500
8.	Nitrile gloves	Textured, beaded cuff, single use only	100 x 20 packs
9.	50 ml centrifuge tubes	Gamma sterilized, polypropylene, Rnase Dnase free	2000 pcs
10.	15 ml centrifuge tubes	Gamma sterilized, polypropylene, Rnase Dnase free	2000 pcs

11	DEPC treated water	Invitrogen or equivalent	1 liter
12	Guanidine hydrochloride	For protein isolation, cell culture tested	500 g
13	Agarose	For electrophoresis, white crystalline powder, MP or Equivalent	500 g
14	Loading dye (10X)	For agarose gel electrophoresis, loading buffer DNA IV. Fermentas or Equivalent	2 vials
15	RNase Zap	To remove RNA contamination	500 ml
16	EDTA	With Sodium for Electrophoresis	500 g
17	Sodium citrate	For DNA isolation, cell culture tested	500 g
18	RPMI 1640	Form: powder, with L-glutamine, without sodium bicarbonate. Cellgro cat No.50-020-PB	1 bottle
19	Cryo Boxes	Plastic with lid, for storage in -20 to -80, size : small (can hold not more than 30 microcentrifuge tubes)	24 Nos.

**SUMMARY SHEET**

*The tender will liable to be rejected if this form will not accompany 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>