

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

RE-TENDER NOTICE NO. HEJ-HEC-261212 (3rd TIME)

Scaled tenders are invited from the sales tax registered firms with Sindh Board of Revenue and Income Tax Department, for purchase/import on C&F basis of the scientific equipments for the Center from a **H.E.C. funded research project**, entitled, "Environment Friendly Dyeing through Improved Fixation....." The detail and specification of the items can be collected from the date of publication of the advertisement in the newspapers, from Purchase Office of the Center, on any working day between 9.00 a.m. to 12.30 p.m., on payment of Rs. 300/- (non-refundable), in shape of a pay order (Demand Draft by the out of Karachi suppliers), in favor of the Director, H.E.J., or downloaded from the websites www.iccs.edu and www.pprasindh.gov.pk. The last date of issuing of the bid documents is 21-12-2012. The tenders can be submitted in Purchase Office of the Center 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 2.30 p.m. on 26-12-2012. The tenders will be opened in meeting room of the Center at 3.00 p.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

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DR. ABDUL JABBAR

LAB. NO. 205 (NRL); INTERCOM NO. 353, 471-474

S.No.	Chemical name	Specifications	Quantity
1.	Wash Fastness Tester	Detail on separate sheet	1
2.	Perspirometer (SS)	“	2 set
3.	Incubator/Oven	“	1 set
4.	BOD Incubator	“	1
5.	COD reactor	“	1
6.	UV Vis Spectrophotometer	“	1 set
7.	Silent running Laboratory Compressor	“	1
8.	Jacketed Laboratory Glass reactor	“	1

Revised Tender Item Details (3rd Time)
Details of Equipments required for Textile Laboratory
(HEC-Funded Project-Dr. Abdul Jabbar)

Item No. 1:

Wash Fastness Tester with both options, ISO & AATCC, 8 pots each (SS 316 non-corrosive body, pots and main bath), Profile controller (microprocessor based) with fastness testing accessories (Non corroding steel balls pack of 100 , Dry cleaning discs pack of 100)

Item No. 2:

Perspirometers (SS), 2 Nos with weight, Two sets of Perspex plates.

Item No. 3:

Incubator/Oven approx 50 lit. (Carbolite, Binder , 3M or equivalent brand)

Item No. 4:

BOD incubator having sensors or BOD measuring setup with six BOD Bottles and BOD reagents.

Item No. 5:

COD reactor with temperature range 40-200°C with countdown timer and automatic shutoff and alarm along with COD reagents.

Item No. 6:

UV/Vis spectrophotometer (wavelength range, 190-1100 nm) , Double beam with water analysis software.

Item No. 7:

Silent running laboratory compressor for tensile tester, Extraction unit and padder. Max. Pressure 8 Bar, Tank Size- 25lit, JUN-Air or equivalent.

Item No. 8:

Jacketed laboratory glass reactor for synthetic reactions, 2-4 lit capacity with over head stirrer suitable for thick pastes. Suitable Stand system, Digital pH and temperature controls and sensors. Oil bath circulation or equivalent heating system. (Syrris/ Lenz/IKA or equivalent quality).