

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

**TENDER NOTICE NO. HEJ-080312**

Sealed tenders are invited from the sales tax and income tax registered firms for purchase/import of chemicals for the Center. The detail and specification of the items 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 suppliers), 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 last date of issuing of the bid documents is 06-3-2012. 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 10.30 a.m. on 08-03-2012. The tenders will be opened in meeting room 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***

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

**LIST OF ITEMS**

**PROF. DR. ARIF KAZMI**

**Lab. No. 415; Intercom No. 174**

S.No.	Name of Chemical	Specifications	Quantity
1.	<sup>13</sup> C <sub>12</sub> -1,2,3,4,6,7,8-Hepta CDF	Extraction Standards	Smallest available pack
2.	<sup>13</sup> C <sub>12</sub> -Octa CDC	“	“
3.	<sup>13</sup> C <sub>12</sub> -1,2,3,4-Tetra CDD	Syringe Standards	“
4.	<sup>13</sup> C <sub>12</sub> -1,2,3,7,8,9-Hexa CDD	“	“
5.	<sup>13</sup> C <sub>12</sub> -1,2,3,4,6,7,8-Hepta CDD	“	“
6.	<sup>13</sup> C <sub>12</sub> -Octa CDD	“	“
7.	PCDF	“	“
8.	<sup>13</sup> C <sub>12</sub> -2,3,7,8-Tetra CDF	“	“
9.	<sup>13</sup> C <sub>12</sub> -2,3,4,7,8-Penta CDF	“	“
10.	<sup>13</sup> C <sub>12</sub> -1,2,3,4,7,8-Hexa CDF	“	“
11.	<sup>13</sup> C <sub>12</sub> -1,2,3,6,7,8-hexa CDF	“	“
12.	<sup>13</sup> C <sub>12</sub> -2,3,4,6,7,8-Hexa CDF	“	“
13.	<sup>13</sup> C <sub>12</sub> -1,2,3,7,8-Penta CDF	Emission Standards	“
14.	<sup>13</sup> C <sub>12</sub> -1,2,3,7,8,9-Hexa CDF	“	“
15.	<sup>13</sup> C <sub>12</sub> -1,2,3,4,7,8,9-Hepta CDF	“	“
16.	PCDD	Extraction Standards	“
17.	<sup>13</sup> C <sub>12</sub> -2,3,7,8-Tetra CDD	“	“
18.	<sup>13</sup> C <sub>12</sub> -1,2,3,7,8-Penta CDD	“	“
19.	<sup>13</sup> C <sub>12</sub> -1,2,3,4,7,8-Hexa CDD	“	“
20.	<sup>13</sup> C <sub>12</sub> -1,2,3,6,7,8-Hexa CDD	“	“
21.	Azo benzene	Kasei Kogyo Ltd or equivalent	25 g
22.	Methyl azo benzene	“	25 g
23.	Silica	100-200 active 60F	6x500 g
24.	Quartz qool	Heracus or equivalent	2 package
25.	<i>n</i> -Decane for GC	99.7% RDH No.32255 or equivalent	100 ml
26.	Iso-Octane Pestanal	RDH No. 34499 or equivalent	500 ml

27.	Sodium Sulfate Water free	RDH NO. 35896 or equivalent	3x500 g
28.	Copper Sulfate 5H <sub>2</sub> O, P.A.	-	250 g
29.	Pct. Ether Pestanal	RDH No. 34491 or equivalent	2x1L
30.	Alumina B-Super	ICN No. 04568 or equivalent	6x500 g
31.	XAD-2	Mesh (20 to 50)	4x500 g
32.	Toluene Pestanal	RDH No. 34494 or equivalent	4x1L
33.	Acetic acid methyl ester Pestanal	RDH No. 34490 or equivalent	2x500 ml
34.	Acetone Pestanal	RDH No. 34480 or equivalent	2x1L
35.	Sulfuric Acid	95-97% (J.T. Baker No. 6050 or equivalent)	2x500 ml
36.	<i>n</i> -Hexane Pestanal	RDH No. 34494 or equivalent	4x1L
37.	Dichloromethane Pestanal	Stab with Amylen Ca250 g	2x1L
38.	Benzene	Fluka No. 12552 or equivalent	2x1L
39.	Diethyl Ether P.A.	J.T. Baker No. 8254 or equivalent	2x1L

## 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>	