

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

**TENDER NOTICE NO. HEJ-150113**

Sealed tenders are invited from the sales tax registered firms with Sindh Board of Revenue and Income Tax Department for purchase of chemicals on F.O.R. basis or import on item-wise C&F basis 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., 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.ics.edu](http://www.ics.edu) and [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk). The last date of issuing of the bid documents is 11-01-2013. 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 15-01-2013. 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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**PROF. DR. M. IQBAL BHUNGAR**

**(Lab. No. 206 Intercom No. 476 NRL)**

**DETAIL OF THE ITEMS**

<b>S.No.</b>	<b>Item</b>	<b>Specifications</b>	<b>Quantity</b>
1.	Styrene	Cat # W323306 or equivalent	3 kg
2.	Divinyl benzene	Cat # 414565 or equivalent	1L
3.	2-Hydroxyethylmethacrylate	Cat # 477028 or equivalent	100 ml
4.	Ethylene glycol dimethacrylate	Cat # 335681 or equivalent	500 ml
5.	2,2-Azobisisobutyronirile	Cat # 441090 or equivalent	100 g
6.	Methacrylic acid	Cat # 155721 or equivalent	2x100 g
7.	Dichloromethane	Cat # 270997 or equivalent	2L
8.	2-Hydroxyethylmethacrylate	Cat # 128635 or equivalent	2 kg
9.	4-Divinyl pyridine	Cat # 3204 or equivalent	1L
10.	Tetraethyl orthosilicate	Cat # 333859 or equivalent	200 ml
11.	Acrylic acid	Cat # 147230 or equivalent	3 kg
12.	Glutaraldehyde	Cat # 49629 or equivalent	2.5L
13.	N,N-Methylene bis-acrylamide	Cat # 146072 or equivalent	500 g
14.	N-Isopropylacrylamide	Cat # 415324 or equivalent	50 g
15.	Ferric chloride 6H <sub>2</sub> O	Cat # 236489 or equivalent	500 g
16.	Ferrous chloride 4H <sub>2</sub> O	Cat # 220299 or equivalent	2x250 g
17.	Iron oxide	Cat # 400866 or equivalent	2x25 g
18.	Ammonium solution	Cat # 407666 or equivalent	2x100 ml
19.	Ammonium persulphate	Cat # 248614 or equivalent	3x100 g
20.	Sodium hydroxide	Cat # 306576 or equivalent	500 g

21.	Hydrochloric acid	Cat # 96208 or equivalent	1L
22.	Ethyl alcohol	Cat # 459836 or equivalent	2x100 ml
23.	Methanol	Cat # 322415 or equivalent	1L
24.	Hexane	Cat # 296090 or equivalent	2L
25.	Heptane	Cat # 246654 or equivalent	1L
26.	Tetraethyl orthosilicate	Cat # 131903 or equivalent	2.5L
27.	Cetyl trimethyl ammonium bromide CTAB, SDS	Cat # H5882 or equivalent	1kg
28.	Acetonitrile	Cat # 271004 or equivalent	1L
29.	Acetic acid	Cat # 338826 or equivalent	500 ml
30.	Chitosan powder	Cat # 448869 or equivalent	250 g
31.	Sodium oleate	Cat # 07501 or equivalent	1 g
32.	Oleic acid	Cat # 01008 or equivalent	1 g
33.	Docosane	Cat # 134457 or equivalent	25 g
34.	1-Octadecene	Cat # 74740 or equivalent	100 ml
35.	Epichlorohydrin	Cat # E1055 or equivalent	5x100 g
36.	Amberlite IRA 900	Cat # 216585 or equivalent	500 g
37.	Dimethylformamide	Cat # 227065 or equivalent	2x100 ml
38.	Dimethyl amine solution	Cat # 426458 or equivalent	1L
39.	Triethylamine	Cat # T0886 or equivalent	1L
40.	Diethylenetriamine	Cat # D93856 or equivalent	100 ml
41.	Hexamethylenediamine	Cat # H11696 or equivalent	500 g
42.	(3-Chloro-2-hydroxypropyl) Trimethyl ammonium chloride solution		2x250 g
43.	2,4,6-Trichloro-1,3,5-triazine	Cat # 28620 or equivalent	500 g