

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

TENDER NOTICE NO. HEJ-HEC-300311

Sealed tenders are invited from the sales tax and income tax registered firms for purchase/import of chemicals for the Center from a H.E.C. funded research project. The detail and specification of the items can be collected from the date of notification 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 www.pprasindh.gov.pk and 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 30-03-2011. 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

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**Dr. M. Raza Shah
Tender for Chemicals, Research Grant and HEC Project**

	Name of Chemical	Specification	Quantity Required
1.	Poly(ethylene glycol) triphenylphosphine	Product Number Aldrich Catalogue for reference only 532649-1	01g
2.	Diphenylphosphine	CAS Number [829-85-6]	50 g
3.	1,12 dibromodecane	CAS Number [4101-68-2]	100 g
4.	4-(Diphenylphosphino)benzoic acid	CAS Number 2129-31-9	05 g
5.	2-Propynylamine	CAS Number 2450-71-7	25 g
6.	2-(Diphenylphosphino)benzaldehyde	CAS Number: 50777-76-9	05 g
7.	2,2'-Bis(diphenylphosphino)-1,1'-binaphthalene	CAS Number: 98327-87-8	05 g
8.	Bis(diphenylphosphino)acetylene	CAS Number: 5112-95-8	05 g
9.	Methyl Iodide	CAS Number [74-88-4]	100 mL
10.	Sodium Borohydride		10 g
11.	6-Mercaptopurine-9-β-D-ribofuranoside	CAS Number: 574-25-4	05 g
12.	3-Ethynylaniline	CAS Number[54060-30-9]	25 g
13.	1-Amino-4-ethynylbenzene	CAS Number 14235-81-5	05 g

14.	Chloroacetaldehyde solution	CAS Number [107-20-0]	1 L
15.	4-Hydroxybenzaldehyde	CAS Number [123-08-0]	250 g
16.	1,`1-Bi-2-naphthol	CAS Number [60-09-5]	500 g
17.	Bis(2-diphenylphosphinoethyl)phenylphosphine	CAS Number: 23582-02-7	05 g
18.	3-(Diphenylphosphino)propionic acid	CAS Number: 2848-01-3	05 g
19.	(-)-2-Amino-6-mercaptopurine riboside hydrate	CAS Number: 345909-25-3	05 g
20.	<i>N</i> -[(<i>S</i>)-3-Mercapto-2-methylpropionyl]- <i>L</i> -proline	CAS Number: 62571-86-2	05 g
21.	4-Bromo- α -toluene thioacetate	CAS Number: 351003-15-1	05 g
22.	2-(Methylthio)ethylamine	CAS Number: 18542-42-2	0 5g
23.	2-Chloroethyl ethyl sulfide	CAS Number: 693-07-2	05 g
24.	4-(Methylthio)benzyl bromide		05 g
25.	Cysteamine	CAS Number: 156-57-0	25 g
26.	Methyl mercaptoacetate	CAS Number: 2365-48-2	05 g
27.	4-Bromobenzenethiol	CAS Number: 106-53-6	05 g
28.	4-Mercaptoaniline	CAS Number: 1193-02-8	05 g
29.	12-Mercaptododecanoic acid	CAS Number: 82001-53-4	05 g
30.	Ethyl bromoacetate	CAS Number [105-36-2]	1 Litre
31.	Methyl chlorothiolformate	CAS Number: 18369-83-0	10 g

32.	Potassium ethyl xanthogenate	CAS Number: 140-89-6	100 g
33.	Dimethylthiocarbamoyl chloride	CAS Number: 16420-13-6	25 g
34.	<i>S</i> -Acetyl-3-mercaptopropionic acid	CAS Number: 41345-70-4	05 g
35.	3,6,9-Trioxaundecanedioic acid	CAS Number: 13887-98-4	50 mL
36.	<i>tert</i> -Butyl 12-amino-4,7,10-trioxadodecanoate	CAS Number: 252881-74-6	01 g
37.	1-Bromo-4-chlorobutane	CAS Number: 6940-78-9	100 g
38.	(4-Bromophenylethynyl)trimethylsilane	CAS Number: 16116-78-2	25 g
39.	2,2'-Bis(bromomethyl)-1,1'-biphenyl	CAS Number: 38274-14-5	05 g
40.	4-Bromo-2-fluorobenzyl bromide	CAS Number: 76283-09-5	05 g
41.	4-Mercaptophenylboronic acid	CAS Number: 237429-33-3	01 g
42.	4-Carboxyphenylboronic acid	CAS Number: 14047-29-1	01 g
43.	2,3-Difluoro-4-formylphenylboronic acid	CAS Number: 480424-84-8	01 g
44.	4-Formylphenylboronic acid	CAS Number: 87199-17-5	05 g
45.	3-(Bromomethyl)phenylboronic acid	CAS Number: 51323-43-4	05 g
46.	Gold(III) chloride trihydrate	CAS Number: 16961-25-4	20 g

47.	Tetraoctylammonium bromide	CAS Number: 14866-33-2	25 g
48.	Boron tribromide (BBr ₃)	CAS Number: 10294-33-4	100 mL
49.	Trisodium citrate dihydrate	CAS: [6132-04-3]	100 g
50.	1,6-Bis(Diphenylphosphino)hexane	CAS Number [19845-69-3]	05 g
51.	4,5-Bis(Diphenylphosphino)-9,9-dimethylxanthene	CAS Number [161265-03-8]	01 g
52.	4-methylbenzene-1-sulfonyl chloride	CAS Number 98-59-9	500G
53.	2-bromoacetyl bromide	CAS Number	500G
54.	1,2-bis(2-iodoethoxy)ethane	CAS Number 36839-55-1	10G
55.	4,4'-(cyclohexane-1,1-diyl)bis(2-methylphenol)	CAS Number 2362-14-3	50G
56.	2,2-dimethylmalonyl dichloride	CAS Number 5659-93-8	50G
57.	ethane-1,2-diyl dicarbonochloridate	CAS Number 124-05-0	25G
58.	4-(2-bromoethoxy)-3-methoxybenzaldehyde	CAS Number 99070-23-2	10G
59.	5-tert-butyl-2-hydroxyisophthalaldehyde	CAS Number 84501-28-0	25G
60.	4-bromo-3-methoxybenzaldehyde	CAS Number 4319233-2	25G
61.	2,5-dimethoxyterephthalaldehyde	CAS Number 7310-97-6	20G
62.	5-iodo-2,3-dimethoxybenzaldehyde	CAS Number 32024-15-0	20G
63.	4-ethynylbenzaldehyde	CAS Number 63697-96-1	10G
64.	4-hydroxy-2-methoxybenzaldehyde	CAS Number 18278-34-7	250G
65.	1-methyl-4-vinylbenzene	CAS Number	
66.	3-aminobenzenethiol	CAS Number 22948-02-3	5G
67.	4-mercaptophenol	CAS Number 637-53-6	5G

68.	4-(methylthio)aniline	CAS Number 104-96-1	25G
69.	4-(methylthio)phenol	CAS Number 1073-72-9	25G
70.	2,2'-bis(diphenylphosphino)biphenyl	CAS Number 84783-64-2	100MG
71.	4,4'-bis(bromomethyl)biphenyl	CAS Number 20248-86-6	1G
72.	Potassium thioacetate	CAS Number	100
73.	Borane tert butylamine complex	CAS Number 7337-45-3	100g
74.	Triphenyl phosphine gold (I) chloride	CAS Number 14243-64-2	10g
75.	diphenylphosphine	CAS Number 829-85-6	10G
76.	3-bromopropanoyl chloride	CAS Number 15486-96-1	25G
77.	Propajyl bromide	CAS Number 106-96-7	100g
78.	Propajyl amine	CAS Number 2450-71-7	100G
79.	6-hydroxybenzo[d][1,3]oxathiol-2-one	CAS Number 4991-65-5	50g
80.	9,9-bis (4-hydroxy phenyl) fluorene	CAS Number [3236-71-3]	100g
81.	9,9-bis (4-hydroxy 3-methyl phenyl) fluorene	CAS Number [88938-12-9]	25g
82.	9,9-bis (4-amino 3-methyl phenyl) fluorene	CAS Number [107934-60-1]	25g

