

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

TENDER NOTICE NO. HEJ-OPCW-060212

Sealed tenders are invited from the sales tax and income tax registered firms for purchase/import of chemicals and enzymes 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 and www.pprasindh.gov.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 06-02-2012. 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

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

LIST OF ENZYMES

**Contact Person: Ms. Sadia Siddiq
(Lab. No. P-025, Intercom No. 323)**

<u>List of Enzymes</u>			
S.No	Item Description	Specifications	Qty
1.	α -Glucosidase, from <i>Saccharomyces cerevisiae</i>	Product Number: 0660 Brand: Sigma Or Equivalent	01 Pack
2.	Substrate 4-Nitrophenyl α -D-glucopyranoside	Product Number: N1377 Brand: Sigma Or Equivalent	01 Pack
3.	Standard Inhibitor 1-(+)-1-DEOXYNOJIRIMYCIN HYDROCHLORIDE	Product Number: 0215081910 Company name: MP Biomedical, LLC 4- Acarbose: A8980 Or Equivalent	01 Pack
4.	Thymidine Phosphorylase from <i>Escherichia coli</i>	T6632-5KU Brand: Sigma Or Equivalent	01 Pack
5.	Substrate Thymidine	Sigma Cat # T9250 Or Equivalent	01 Pack
6.	Carbonic Anhydrase-II (Powder form)	Source: Bovine Erythrocyte Cat. 153879 Brand: MP Biomedicals Or Equivalent	01 Pack
7.	Substrate P-Nitrophenyl acetate	MP Biomedicals Cat No 100888 Or Equivalent	01 Pack
8.	Standard Inhibitor Acetazolamide	Brand: Sigma Or Equivalent	01 Pack
9.	Beta-glucuronidase, Type IX A	Brand: Sigma Source: Ecoli Cat no. G7396-25KU Or Equivalent	01 Pack
10.	Substrate 4 Nitrophenyl Beta -D-Glucuronide	Brand: Sigma Cat No N1627 Or Equivalent	01 Pack
11.	Standard Inhibitor D-saccharic acid 1,4-lactone	Brand: Sigma. Cat.no: S-0375	01 Pack

		Or Equivalent	
12.	Phosphodiesterase I from <i>Bothrops atrox</i> Type V, Crude Dried Venom	Cat. No. P4631 Brand: Sigma Or Equivalent	01 Pack
13.	Substrate Bis(Paranitrophenylphosphate)	Brand: Sigma Cat No N-3002 Or Equivalent	01 Pack
14.	Standard Inhibitor EDTA		01 Pack
15.	Urease enzyme	Source: Jack Beans Cat No: U1500 Brand: Sigma Or Equivalent	01 Pack
16.	Phenol Reagent	Analytical Grade Brand: Sigma Or Equivalent	01 Pack
17.	Xanthine Oxidas	Source: Butter Milk X 4376-25UN Brand: Sigma Or Equivalent	01 Pack
18.	Standard Inhibitor Allopurinol	A8003-5G 067K0753 Brand: Sigma Or Equivalent	01 Pack
19.	Substrate Xanthine	X-0626 Brand: Sigma Or Equivalent	01 Pack
20.	α -Chymotrypsin	Enzyme: α -Chymotrypsin (from bovine type II) Sigma Cat # C4129 (1 gm)-+ Or Equivalent	01 Pack
21.	Standard Inhibitor: Chymostatin A	Sigma Cat # C7268 (5 mg) Or Equivalent	01 Pack
22.	Tyrosinase from mushroom <i>lyophilized powder,</i> ≥ 1000 unit/mg solid	Sigma: T3824 (50KU) Or Equivalent	01 Pack
23.	Substrate: 3-(3,4-Dihydroxyphenyl)-L-Alanine	Fluka : 37830 Or Equivalent	01 Pack
24.	Elastase Porcine pancrease	MP Biomedicals Cat. No.100617 (10mg) Or Equivalent	01 Pack
25.	N-methoxysuccinyl-Ala-Ala-Pro-Val-pNA	Human leucocyte elastase substrate EPC elastin product Co. No.FH237(500 mg) Or Equivalent	01 Pack
26.	N-succinyl ALA -ALA-Ala-p-Nitroanilide	EPC elastin product Co. No. S4760 (500 mg) Or Equivalent	01 Pack

27.	Acetylcholinesterase Enzyme	Cat. No. C3389 Sigma Source: Electricus Or Equivalent	01 Pack
28.	Butyrylcholinesterase Enzyme	Cat. No. C1057 Sigma Source: Equine serum Or Equivalent	01 Pack
29.	Substrate : Acetylcholine Iodide	Cat no. 5751 Sigma Or Equivalent	01 Pack
30.	Substrate :Butyrylcholine chloride	Cat no. 3128 Sigma Or Equivalent	01 Pack
31.	substrate : Acetylcholine Iodide	Cat. No. 345670 Calbiochem Or Equivalent	01 Pack

SUMMARY SHEET

The tender will liable to be rejected if this form will not accompan^y the tender bid / quote

SERIAL No.	BID VALUE	FOREIGN CURRENCY	CONVERSION RATE	PRICE IN PKR

TOTAL BID VALUE IN PKR		
Earnest Money @ 2% in PKR		
Payorder / Bank Draft No:		Date:
Signature	Seal:	

