

**THIRD WORLD CENTER FOR CHEMICAL SCIENCES  
INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES  
UNIVERSITY OF KARACHI  
KARACHI-75270**

**TENDER NOTICE NO. TWC-HEJ-040912**

Sealed tenders are invited from the sales tax registered firms with Sindh Revenue Board and Income Tax Department for purchase on F.O.R. basis/**import on (item-wise C&F basis)** of consumables 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 of the advertisement on 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, T.W.C., 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 31-8-2012. 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, T.W.C., latest by 2.30 p.m. on 04-09-2012. 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. KAMRAN AZEEM**

**LAB. NO. 206-7 (T.W.C. BUILDING) INTERCOM NO. 236; 234**

**LIST OF ITEMS**

<b>Tender for the Consumables required from a HEC funded research project entitled “Molecular Biology and genomics of mango pathogenic bacteria”, PI, Dr. M. Kamran Azim</b>			
<b>S.No.</b>	<b>Item</b>	<b>Specification</b>	<b>Quantity</b>
1	UltraPure™ Agarose 1000	Part number 10975-035 Invitrogen or equivalent	01 pack
2	Dynamag magnetic rack	Part number 123-21D Invitrogen or equivalent	01 pack
3	Qubit® 2.0 Fluorometer	Part number Q32866 Invitrogen or equivalent	01 pack
4	Qubit dsDNA HS assay kit	Part number Q32851 Invitrogen or equivalent	01 pack
5	Nulease free water	Part number AM9932 Invitrogen or equivalent	01 pack
6	SYBR® Safe gel stain (10,000X)	Part number S33102 Invitrogen or equivalent	01 pack
7	E-Gel® SizeSelect™ 2% Agarose	Part number G6610-02 Invitrogen or equivalent	01 pack
8	E-Gel® iBase™ and E-Gel® Safe Imager™ Combo Kit	Part number G6465 Complete E-Gel Electrophoresis system. Invitrogen or equivalent	01 pack

9	E-Gel® EX Gel, 2%, 10-Pak	Part number G4010-02 Invitrogen or equivalent	01 pack
10	UltraPure™ DNA Typing Grade 50XTAE Buffer	Part number 24710-030 Invitrogen or equivalent	01 pack
11	10XBlueJuice™ Gel Loading Buffer	Part number 10816-015 Invitrogen or equivalent	01 pack
12	1 Kb Plus DNA Ladder	Part number 10787-018 Invitrogen or equivalent	01 pack
13	Agencourt AMPure XP 5 ml Kit	Part number A63880 Beckman Coulter or equivalent	01 pack
14	2-propanol	Cat # 19516 Sigma-Aldrich or equivalent t	01 pack
15	<b>Ethylene glycol</b>	Cat # AB00455-01000 American Bioanalytical or equivalent	01 pack
16	1.5 ml LoBind tubes	Cat # 022431021 Eppendorf or equivalent	01 Pack
17	2.0 ml LoBind tubes	Cat # 022431048 Eppendorf or equivalent t	01 Pack
18	MicroAMP Optical 8-Tube Strip, 0.2 ml	Cat # 4316567 Applied Biosystems or equivalent	01 Pack
19	Hydrochloric Acid, 0.20 N	Cat # VW8888-0 VWR or equivalent	01 Pack
20	Sodium Hydroxide, 0.20 N	Cat # VW8889-0 VWR or equivalent	01 Pack
21	Ethanol	Cat # E7023 Sigma Aldrich or equivalent	01 Pack
22	Covaris Tubes and Caps, 125 (suitable for Covaris S220)	Cat # 4399054 Applied Biosystems or	01 Pack

	system)	equivalent	
23	Pipettor tips (2 microL, 20 microL, 200 microL and 1000 microL)	96 tips boxes for each size	5 boxes each
24	Razor blades for gel electrophoresis		One pack
25	Kimtech tissue boxes (Kimwipes; delicate tark wipes)		5 boxes

# 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>	