

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

**TENDER NOTICE NO. TWC-160413**

Sealed tenders are invited from the sales tax registered firms with Sindh Revenue Board and Income Tax Department for purchase/import of chemicals 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 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, 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 12-04-2013. 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, T.W.C., latest by 2.30 p.m. on 16-04-2013. 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. ATIYA ABBASI**  
LAB. NO. 106; INTERCOM NO. 105

S.No.	Item	Specifications	Qty
1.	Nanotrap ESP	Ceres or equivalent	1 kit
2.	Syber Green	Invitrogen or equivalent	1 g
3.	Plant DNA extraction kit (50 preps)	Sigma-XNAS or equivalent	2 kits
4.	DNA Purification kit (100 preps)	Qiagen or equivalent	2 kits
5.	PCR kits (100 samples)	Qiagen or equivalent	2 kits
6.	Sample loading tips for DNA electrophoresis	Adaptable with Eppendorf pipettes	2000 nos.
7.	Micropipette (adjustable -2.5 ul, 10 ul, 20 ul)	Eppendorf or equivalent	1 each
8.	Thin walled micro tubes for PCR- 200 ul, blue, green, natural, red, yellow	Sterile	2x1000 each
9.	Disposable tips 2 ul, 10 ul, 20 ul	Sterile	2x1000 each
10.	Disposable tips 2 ul, 10 ul, 20 ul	Non-sterile	2x1000 each
11.	PCR tubes 0.2 ml, 0.5 ml	Sterile	2x1000 each
12.	Falcon tubes 15 ml, 50 ml	Corning or equivalent	2x500 each

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S.No.	Item	Specifications	Qty
1.	Gel code Blue stain safe stain	Thermo Scientific or equivalent	3 pks
2.	Coomassie Plus Bradford protein estimation reagent	Pierce	2x1L
3.	Readyprep 2D Clean up kit	Biorad or equivalent	4 pks
4.	Readypred 2D Rehydration buffer	Biorad or equivalent	4 pks
5.	Protein standards low range, prestained	Biorad or equivalent	2 Vials
6.	IPG strips (7cm, pH3-10)	Biorad or equivalent	5 pks each
7.	IPG strips (17cm, pH3-10)	Biorad or equivalent	5 pks each
8.	Proteomic grade water	Biorad or equivalent	4x500 ml
9.	Trii-butyl phosphine for electrophoresis	Biorad or equivalent	5x5 g
10.	CHAPS for protein electrophoresis	Biorad/Sigma/Thermo or equivalent	2x5 g
11.	Sample loading tips for protein electrophoresis	Adaptable with Eppendorf pipettes	2x1000
12.	Micropipette (adjustable 200 ul, 1 ml, 5 ml)	Eppendorf or equivalent	1 each
13.	Disposable tips 200 ul, 1 ml, 5 ml	Non-sterile	5x1000 each
14.	Safe lock microtubes 0.5 ml, 1.5 ml, 2.0 ml	Non-sterile	5x1000 each

15.	Falcon tubes 15 ml, 50 ml	Corning or equivalent	2x500 each
16.	UV Cuvette 50 ul, 200 ul		2 each
17.	Syringe Filter (0.22 micron)	Millipore or equivalent	4 pks
18.	96 Well plates, white	Nunc Cat # 136101 or equivalent	100
19.	Centrifugal filter devices (4 ml capacity, cut-off: 3, 10kDa)	Amicon or equivalent	4x24

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S.No.	Item	Specifications	Qty
1.	Ammonium acetate	Fluka 09688 or equivalent	2x250 g
2.	Ammonium bicarbonate	Fluka 09380 or equivalent	2x500 g
3.	3-[(3-Cholamidopropyl)-dimethylammonio]-1-propanesulfonate hydrate	Sigma C5070 or equivalent	5x1 g
4.	Tris Base	Sigma T1503 or equivalent	2x1 kg
5.	Glycine	Sigma G8898 or equivalent	2x1 kg
6.	Ammonium sulphate	Fluka 09982 or equivalent	2x5 kg
7.	TEMED	Sigma T9281 or equivalent	100 ml
8.	Riboflavin 5' phosphate	Sigma F1392 or equivalent	25 mg
9.	Thiourea	Sigma 88810 or equivalent	2x500 g
10.	MMP-2/MMP-9 substrate	Sigma SCP0191 or equivalent	5 mg
11.	MMP-2	Sigma or equivalent	10 ug
12.	MMP-9	Sigma or equivalent	10 ug
13.	Proteinase K	Sigma P6556 or equivalent	2x100 mg
14.	Ribonuclease A	Sigma 83831 or equivalent	2x50 mg
15.	Polyvinylpurrolidine	Sigma PVP-40 or equivalent	500 g
16.	Buffer tablets, pH 4 and 7	Sigma/Fluka or equivalent	1 pk each
17.	pH papers – Universal	Roll 5m long/9mm wide	1 roll

	indicator paper type Eco		
18.	Dithiothreitol	Fluka 43819 or equivalent	2x5 g
19.	EDTA	Sigma ED500 or equivalent	500 g
20.	3-[N,N-Dimethyl(3-myristoylamino)propyl] ammonio] propanesulfonate	Sigma A1346 or equivalent	5x1 g
21.	Sodium deoxycholate	Sigma D6750 or equivalent	2x100 g
22.	3-(Decyldimethylammonio) propane sulfonate	Sigma D4266 or equivalent	2x5 g
23.	Sepharose CL-6B	Sigma CL6B200 or equivalent	500 ml

**SUMMARY SHEET**

*The tender will liable to be rejected if this form will not accompan<sup>y</sup> the tender bid / quote*

<b>SERIAL No.</b>	<b>BID VALUE</b>	<b>FOREIGN CURRENCY</b>	<b>CONVERSION RATE</b>	<b>PRICE IN PKR</b>

<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>	