

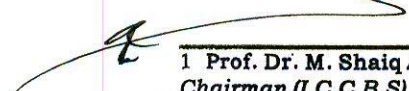
Bid Evaluation Report


1. Name of Procuring Agency: H.E.J. Research Institute of Chemistry, International Center for Chemical and Biological Sciences, University of Karachi, Karachi-75270.
2. Tender Reference No: _____ HEJ-HEC-261212 (3rd time)_____
3. Tender Description/Name of work/item: __Purchase/import of scientific equipments for textile Chemistry lab.
4. Method of Procurement: _____Single Stage – Single Envelope_____
5. Tender Published: _Daily Jang, Dawn and Kawish of 6-12-2012; SPPRA Serial No. 14628; ID No.: 10242/2012.
Print & Electronic Media (SPPRA ID No. & News papers names with dates)
6. Total Bid documents Sold; _____Six_____
7. Total Bids Received: _____Six_____
8. Technical Bid Opening date: (if applicable) ___N.A._____(Provide details in separate form)
9. No. of Bid technically qualified (if applicable): _____N.A._____
10. Bid(s) Rejected: _____Nil_____
11. Financial Bid Opening date: _____N.A._____


12. Bid Evaluation Report:

<i>S No</i>	<i>Name of Firm or Bidder</i>	<i>Cost offered by the Bidder</i>	<i>Ranking in terms of cost</i>	<i>Comparison with Estimated cost</i>	<i>Reasons for acceptance/ rejection</i>	<i>Remarks</i>
0	1	2	3	4	5	6
1.	Zelon Scientific	N.A.	1 st lowest in 6 items	N.A.	According to specs and lowest	Recommended for placement of order of 6 items
2.	Max Tech Corporation	N.A.	1 st lowest in 1 item	N.A.	According to specs and lowest	Recommended for placement of order
3.	Scientific Technical Corporation	N.A.	Not lowest in any item	N.A.	According to specs but not lowest	Not recommended
4.	Q-Tech	N.A.	Not lowest in any item	N.A.	Not according to specs	Not recommended
5.	S.K. Trading Corporation	N.Q.	Not lowest in any item	N.A.	Not lowest in any item	Not recommended
6.	Penicon	N.Q.	Not lowest in any item	N.A.	Not lowest in any item	Not recommended


PURCHASE COMMITTEE (CCBS INSTITUTIONS)



1 Prof. Dr. M. Shaiq Ali
Chairman (I.C.C.B.S)


2 Dr. M. Raza Shah
Member (I.C.C.B.S)


3. Dr. M. Ahmed Mesaik
Member (I.C.C.B.S)

Members from Outside Institution


1 Dr. Rahat Azhar Ali
Members from Dept. of Chemistry, U.O.K


3. Dr. Zakida Karim

Signatures of the Members of the Committee

Minutes of the Technical Committee meeting
HEJ-HEC -261212 (3rd Time)
Tender for the Purchase of Equipments for
Textile Laboratory under the HEC-Funded Project
(Environment Friendly Dyeing through Improved Fixation)

A meeting of the technical committee was held in the meeting room of H.E.J. Research Institute of Chemistry, on 11-01-2013. Following members attended the meeting.

1. Prof. Dr. Bina Shaheen Siddiqui (Convenor)
2. Dr. Abdul Jabbar (end user)
3. Mr. Haris (Internal Auditor)
4. Mr. Sohail Ahmad (Engineer)

The following recommendations were made after going through the offers made by different bidders.

Item No. 1: Wash Fastness Tester

There were two offers, both were valid. The lowest offer made by Zelon Scientific was recommended.

Item No. 2: Perspirometers

Two bidders offered this machine, both were valid. The lowest offer made by Zelon Scientific was recommended.

Item No. 3: Laboratory Oven

There were two offers, both were valid. The lowest offer made by Zelon Scientific was recommended.

Item No. 4: BOD Sensor Platform with Incubator;

One Bidder, M/S Penicon offered part of the equipment hence declared in-valid while the price offered by the second bidder for both portions of the equipment was far higher than the previously received prices for these items. The technical committee recommended to re-tender it with revised specifications and both parts (BOD Sensor and the Incubator) should be asked separately to have healthy competition.

Item No. 5: COD Reactor

There were two offers, both were valid and offered the same machine. The lowest offer made by Zelon Scientific was recommended.

Item No. 6: UV/VIS Spectrophotometer

There were three bidders. M/S STC and Q-Tech did not offer the water testing accessories and the software as per the tender specification. M/S Q-Tech later on agreed to offer the accessories in the same price but the technical committee was informed by the internal auditor that no amendment is

allowed after the prices are open. Hence the offers made by M/S STC and Q-Tech were declared in-valid. The offer made by Zelon Scientific was recommended.

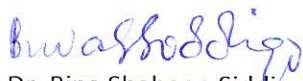
Item No. 7: Silent running Lab Compressor

There were three bidders. The lowest bid offered by Zelon Scientific was recommended. However it was suggested that the machine, since it is locally available, should be inspected first by the end user before placing the order.

Item No. 8: Laboratory Glass Reactor

Four Bids received for this item. M/S SK Traders did not offer the required specification (Temperature monitoring and Oil bath circulation system was missing) hence declared in-valid offer. From remaining offers, M/S MaxTech was recommended on the basis of lowest offer.

It was advised by the technical committee to get the certificate from the recommended bidders clearly mentioning the country/place of manufacturing of the selected equipment.



Prof. Dr. Bina Shaheen Siddiqui (Convenor)



Dr. Abdul Jabbar (end user)



Engineer Sohail Ahmad (Member)



Mr. Haris (Internal Auditor)

Technical Comparison, Tender # HEJ-HEC-261212 (3rd TIME) (Textile Equipment)

Item No.	Item Description	ZELON	SK Trading	Comments
1)	<p>Item No. 1, Wash Fastness Tester</p> <p>Country of Origin (Manufactured in)</p> <p>Quoted Model</p> <p>Pots</p> <p>Temperature control</p> <p>Time control with alarm</p> <p>Non-corrodible steel balls</p> <p>Dry Cleaning disks</p> <p>Warranty</p> <p>Price (Foreign currency)</p> <p>Price (PKR)</p>	<p>Advanced Dyeing solutions, UK</p> <p>WASHTEC-P A2</p> <p>8 x 550 mL, 8 x 1100 mL</p> <p>Yes</p> <p>Yes</p> <p>500</p> <p>150</p> <p>1 Year</p> <p>GBP 7505</p> <p>1,170,780.00</p>	<p>Coloursmith, UK</p> <p>8 x 550 mL, 8 x 1200 mL</p> <p>Yes</p> <p>Yes</p> <p>100</p> <p>108</p> <p>1 Year</p> <p>GBP 9250</p> <p>1,443,000.00</p>	<p>Both offers are valid. The lowest offer is recommended i.e. The Zelon Scientific</p>
2)	<p>Item No. 2, Perspirometer</p> <p>Country of Origin (Manufactured in)</p> <p>Quoted Model</p> <p>Quantity</p> <p>Weights</p> <p>Perspex Plates</p> <p>Warranty</p> <p>Price (Foreign currency)</p> <p>Price (PKR)</p>	<p>Advanced Dyeing solutions, UK</p> <p>Perspirometer</p> <p>2</p> <p>1</p> <p>2 sets</p> <p>1 Year</p> <p>GBP 515</p> <p>80,340.00</p>	<p>Coloursmith, UK</p> <p>2</p> <p>1</p> <p>Yes</p> <p>1 Year</p> <p>GBP 1150</p> <p>179,400.00</p>	<p>Both offers are valid. The lowest one i.e. Zelon Scientific is recommended</p>
3)	<p>Item No. 3, Oven</p> <p>Make</p> <p>Quoted Model</p> <p>Capacity</p> <p>Temperature Range</p> <p>Interior</p> <p>Exterior</p> <p>Number of shelves</p> <p>Warranty</p> <p>Price (Foreign currency)</p> <p>Price (PKR)</p>	<p>Pol-Eko, Poland</p> <p>SLN 53 ECO INOX/G</p> <p>56 liters</p> <p>5-250°C</p> <p>SS acid proof</p> <p>SS linen</p> <p>2</p> <p>2 Years</p> <p>Euro 1050</p> <p>135,450.00</p>	<p>STC</p> <p>DAIHAN SCIENTIFIC, Korea</p> <p>WOF-50</p> <p>50 Liters</p> <p>5-250°C</p> <p>SS</p> <p>Powder coated steel</p> <p>2</p> <p>1 Year</p> <p>\$1,406</p> <p>137,788.00</p>	<p>Both Offers are valid. The lowest one i.e. Zelon Scientific is recommended. They also offered 2 years warranty</p>

The Penicon offered part of the required set of equipment. STC offer is valid but the price of the BOD sensor platform is unexpectedly higher than the market price. End user would like to have the comments from the technical committee in this regard

4)	Item No. 4a, BOD INCUBATOR	STC
	Country of Origin (Manufactured in)	DIAHAN SCIENTIFIC, Korea
	Quoted Model	WIR-100
	Size (LxWxH)	500X400X500 mm
	Temperature Range	0 ~ 60 °C
	Timer	99hr59min
	Connection to computer interface	Available
	Interior	Stainless steel
	Exterior	Powder Coated Steel
	Warranty	12 months
	Price (Foreign currency)	\$2,292
	Price (PKR)	224,616.00
	Item No. 4b, BOD Sensor Platform	STC
	Country of Origin (Manufactured in)	Penicon
	Quoted Model	Oxi700
	BOD Sensor	6 Sensor Heads
	Accessories	6 sample bottles 6 rubber gaskets 6 magnetic stirring rods
	Inductive stirring system	157 mL, 428 mL
	Potassium Hydroxide Solution	Yes
	Nitrification inhibitor Solution	50 mL
	Price (Foreign currency)	\$3,615
	Price (PKR)	354,270.00

Orbeco Hellige, USA
6 Sensor Heads
6 sample bottles
6 rubber gaskets
6 magnetic stirring rods
157 mL, 428 mL
Yes
50 mL
50 mL
\$4,550
445,900.00

Item No. 5, COD REACTOR Country of Origin (Manufactured in)	ZELON	STC
Quoted Model	Rocker Scientific, Taiwan CR25	Rocker Scientific, Taiwan CR25
Digital Countdown Timer	Yes	Yes
Automatic Shut off and alarm	Yes	Yes
Temperature Stability	± 2 °C	± 2 °C
Temperature Safeguard	Yes	Yes
Temperature Range	60 °C - 200 °C	60 °C - 200 °C
Timer	1~999 minutes	1~999 minutes
COD Test Kit	25 tests	25 tests
Warranty	1 Year	1 Year
Price (Foreign currency)	\$812	1354+288= 1642
Price (PKR)	79,576.00	160,916.00
Item No. 6, UV/VIS SPECTROPHOTOMETER	ZELON	STC
Country of Origin (Manufactured in)	CECIL, UK CE-7400 Aquarius	BMS Canada/Spain UV-1602
Quoted Model	CE-7400 Aquarius	630x470x210 mm
Dimensions	190 - 900 mm	190 - 1100 mm
Wave length range	1.8 nm	2 nm
Spectral Bandwidth	better than 0.5 nm	± 0.3 nm
Wave length Accuracy	Double Beam	Double Beam
Optical System	0.3 -3 A	0.3 -3.5 A
Photometric Range	Better than 0.004 A at 1 A	± 0.3% T, ± 0.002 A
Photometric Accuracy	6 inches LCD	6 inches LCD
Display	Yes	silicon photodiode
Detector	Yes	Yes
PC interface software	WA-75 Software	Not mentioned
Water Analysis Software	1 Year	1 Year
Warranty	GBP 5795	\$6,458
Price (Foreign currency)	904,020.00	Euro 6438.79
Price (PKR)		830,603.91

Both the bidders offered the same equipment. Zelon is recommended on the basis of lowest offer.

The STC and Q-Tech did not include the water testing arrangement and software as per tender requirement. Both offers are invalid. Zelon is recommended on the basis of lowest offer.

<p>Item No. 7, Silent Running Laboratory Compressor</p> <p>ZELON Hitachi, Japan</p> <p>Quoted Model 25 Liters</p> <p>Tank Size 8 bar approx</p> <p>Pressure 1/2 HP</p> <p>Motor 50db</p> <p>Noise Level 1 Year</p> <p>Warranty \$1,979</p> <p>Price (Foreign currency) 193,942.00</p> <p>Price (PKR) 92,800.00</p>	<p>STC Rocker Scientific, Taiwan</p> <p>Not mentioned</p> <p>1/6 HP</p> <p>50dB</p> <p>1 Year</p> <p>\$1,979</p> <p>193,942.00</p>	<p>SK Trading Jun-Air, USA</p> <p>6-25</p> <p>25 Liters</p> <p>8 bar</p> <p>45dB</p> <p>1 Year</p> <p>\$2,863</p> <p>280,574.00</p>	<p>All are valid offers. M/s Zelon is recommended on the basis of lowest one</p>
<p>Item No. 8, Laboratory Glass Reactor</p> <p>MAXTECH CORPORATION Syrris Ltd, UK</p> <p>Country of Origin (Manufactured in) Globe</p> <p>Quoted Model PTFE 4 blade stirrer</p> <p>Agitator 2 liter</p> <p>Vessel Double Jacketed with bottom drain</p> <p>Material Glass or PTFE</p> <p>Temperature range (°C) -20/+180 oC</p> <p>pH monitoring, Model & Make Digital pH meter Model: AD-11, Make: ADWA Hungary</p> <p>Temperature monitoring by Oilbath circulation Yes</p>	<p>ZELON IKA, Germany</p> <p>LR 2.ST Package 3</p> <p>Laboratory stirring unit EUROSTAR power control- visc P7 with high torque Anchor stirrer LR 2000.11 with flow borings</p> <p>2 liter</p> <p>Double Jacketed with bottom drain</p> <p>SS or Borosilicate , PTFE</p> <p>max 230</p> <p>Digital pH meter Model: AD-11, Make: ADWA Hungary</p> <p>pH electrode Model: Sterprobes Make: Sentek UK</p> <p>Yes</p>	<p>QTech Buchiglasuster, Switzerland ecoclave 075</p> <p>Cyclone 075</p> <p>100 -3000 rpm, magnetic</p> <p>2 liter</p> <p>SS or Borosilicate , PTFE pr Viton Seals</p> <p>-20/+200</p> <p>BDS SC pH</p> <p>Yes</p>	<p>SK Trading NL PROZESSTECHNIK, Germany</p> <p>Stirrer drive A01</p> <p>Overhead stirrer type RZR</p> <p>2102</p> <p>4 - 540 rpm</p> <p>4 itr</p> <p>Borosilicate , PTFE</p> <p>-20/+180 oC</p> <p>Hand-held combine pH/Temperature Sensor</p> <p>Not mentioned</p>

The SK traders did not offer the circulating oilbath for heating hence on the basis of lowest bid.

offer. All other offers are valid. Maxtech Corporation is recommended on the

Circulating heating bath	Proline P-5, Lauda	buchiglasuster, Switzerland	Not offered
Model & Make	Germany	Switzerland	1 Year
Warranty	1 Year	1 Year	1 Year
Price (Foreign currency)	Euro 14882	CHF (16956+6102) +€ 2540	Euro 13659
Price (PKR)	1,919,778.00	2,794,866.00	1,762,011.00

max as per price.

