

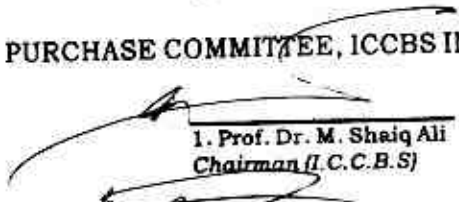
## Bid Evaluation Report


1. Name of Procuring Agency: H.E.J Research Institute of Chemistry, International Center for Chemical and Biological Sciences. University of Karachi
2. Tender Reference No: SP-2/18/01-01-1213(Second Time)
3. Tender Description/Name of work/item: Purchase of Equipments from the H.E.C. funded Development Project
4. Method of Procurement: Single Stage-One Envelope Bidding Procedure
5. Tender Published: SPPRA; S.No.14741 & Identification No.10355/2012. Friday, December 14<sup>th</sup>, 2012 in Jang news paper  
*Print & Electronic Media (SPPRA ID No. & News papers names with dates)*
6. Total Bid documents Sold: 6
7. Total Bids Received: 6
8. Technical Bid Opening date: (if applicable) 1<sup>st</sup> January, 2013 (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): 6
10. Bid(s) Rejected: None
11. Financial Bid Opening date: 1<sup>st</sup> January, 2013


### 12. Bid Evaluation Report:

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1	M/s Qualitron Corporation.	Rs.830,082/-	1 <sup>st</sup> Lowest		As per tender specifications/Lowest bidder.	-


### PURCHASE COMMITTEE, ICCBS 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 Mesalk  
Member (I.C.C.B.S)

Members from Outside Institution

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

  
2. Dr. Zahida Karim  
Members from Dept. of Chemistry, U.O.K

# H.E.J. RESEARCH INSTITUTE OF CHEMISTRY

INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES


UNIVERSITY OF KARACHI


## Summary of the Tender # SP-2/18/01-01-1213 (Second Time)


S.No.	Company Name	No. of Orders	Amount	
			Foreign Currency F.C.	Pak.Rs.
1	M/s Qualitron Corporation.	1	¥ 721,810	Rs.830,082/=
	<b>Total</b>	<b>1</b>	<b>¥ 721,810</b>	<b>Rs.830,082/=</b>

Signatures of the Members of the Committee.


PURCHASE COMMITTEE, ICCBS INSTITUTIONS


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

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

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

Members from Outside Institution

  
1 Dr. Rahat Ashar Ali

  
2. Dr. Zahida Karim  
Members from Dept. of Chemistry, U.O.K

H.E.J. RESEARCH INSTITUTE OF CHEMISTRY

PROJECT

STRENGTHENING OF H.E.J. RESEARCH INSTITUTE OF CHEMISTRY PHASE II,  
UNIVERSITY OF KARACHI

DECISION OF THE PURCHASE COMMITTEE

FOR

Tender Notice No SP-2/18/01-10-1213(Second Time)

**H.E.J. RESEARCH INSTITUTE OF CHEMISTRY**

**PROJECT:**

**STRENGTHENING OF H.E.J. RESEARCH  
INSTITUTE OF CHEMISTRY PHASE II,  
UNIVERSITY OF KARACHI.**

**RECOMMENDATIONS OF THE TECHNICAL  
COMMITTEE**

**FOR**

**TENDER NO: SP-2/18/01-01-1213(Second Time)**

Memo

To: Prof. Dr. M. Iqbal Chaudary, *H.I.S.I.T.I*  
Director  
H.E.J Research Institute of Chemistry  
International Center for Chemical and Biological Sciences  
University of Karachi

From: Technical Committee, Purchasing of Scientific equipments

Prof. Dr. Bina Siddiqui (Convener)

Prof. Dr. Nurul Kabir (end user)

Dr. Farzana Shaheen(end user)

Dr. Atia-tul-Wahab(end user)

Mr. Sohail Ahmed (Member)

Mr. Haris Qureshi

Mr. Javaid Riaz (Project Director)

*Bina Siddiqui 25/02*

*Nurul Kabir*

*Farzana*

*Atia-tul-Wahab*

*Sohail Ahmed*

*Haris Qureshi*

*Javaid Riaz*

Subject: Technical Report SP-2/18/01-01-1213(Second Time)

Date: February 26<sup>th</sup>, 2013

The Technical Committee for the purchasing of the Scientific Equipments has gone through the documents of the tendered items ref: Tender No. SP-2/18/01-01-1213(Second Time). We have carefully studied the items quoted and attached a list of recommended equipments as well as those recommended for retendering along with this memo. In our recommendations, specifications that meet our requirements and the cost have been taken into consideration.

Thank you.

## Tender 18 Laboratory Equipments

Item # 01: Microwave SPS Peptide Synthesizer

### Major Tender specifications:

Type: Single-Mode  
Operation: Peptide SPS Workstation w/vacuum  
Tuning Type: Self-Tuning  
Power: 20V/60Hz or 240 V/50Hz  
Reaction type: Temp. Controlled (atmospheric)  
Operation Temperature: Ambient to 300 °C or higher optional.  
Reaction Vials Capability: 25 ml  
Reaction Volumes: 0.2 ml to 50 ml or higher  
Operating Pressure: Atmospheric  
Agitation: Electro Magnetic, Multi-Speed  
Temperature Detection: Fiber Optic, In Situ

Software allowing complete control of each reaction Multiple Safety Interlocks for operator and microwave safety Workstation for vacuum flushing, manual liquid handling convenience.

### Standard Accessories:

- Air supply hose, connections and pressure gauge for quenching and reaction cooling
- Basic "Introduction to Microwave Synthesis" textbook
- Appropriate tools
- Operations manual
- Waste container, washing/filtration station, vacuum pump, and other accessories to facilitate manual SPS.
- Accessories for organic synthesis, proteomics, and protein hydrolysis.
- Standard peptide coupling reagents for microwave synthesis.

Quantity: 01

S.No.	Company	Total Price in foreign currency	Total Price (Rs)	Make / Model / Company / Country
1	Analytical Measuring System	\$ 29,653	Rs. 2,894,133	Make: CEM Country of Origin: USA Part # 925472
2	M. Ayub Brothers	\$ 45,000	Rs. 4,392,000	Make: Biotage Country of Origin: Sweden Part # 356014

### Recommendations of the Technical Committee:

Only two bids were received for this item. Therefore, the Technical Committee recommended to Re-Tender this item.

**Item # 02: Research Stereo Microscope and Digital Camera**

**Major Tender specifications:**

- ZOOM RATIO more than 10:1
- ZOOM RANGE = 0.7x – 9x or more
- OBJECTIVE LENS: 1x or better (Plan Apo)
- WORKING DISTANCE: 50 - 80 mm
- EYE PIECE LENSES: 10x (FN 22) or equivalent
- MAGNIFICATION: 7x – 90x or more (able to magnify 1 µm particle)
- Course and fine focusing unit
- Cold source of diascopic and episcopic light (both types of illumination)
- Light polarizer or analyzer for transmitted illumination
- 
- **Optional:**
- 
- Digital camera: 5 megapixels or better
- with monitor and control unit
- 
- Operational training by factory application expert
- 

**Quantity: 01**

S.No.	Company	Total Price in foreign currency	Total Price (Rs)	Make / Model / Company / Country
1	Latif Brothers	€ 11,310	Rs.1,453,335	Make: Carl Zeiss Country of Origin: Germany Model # SteREO Discovery.V12
2	Qualitron Corporation	¥ 721,810	Rs.830,082	Make: Nikon Corp. Country of origin: Japan Model: SMZ-1500

**Recommendations of the Technical Committee:**

Four bidders participated for this item, out of which only two bidders quoted the item as per our tender specifications. Therefore, the Technical Committee suggested to confirm the price of the item Nikon SMZ-1500 quoted by M/s Qualitron Corporation. Two individual quotations from Europe for the same microscope are attached to the minutes. The prices provided in the foreign quotations are slightly higher than the quotation by M/s Qualitron Corporation, hence the Technical Committee recommended to purchase this item from the lowest bidder M/s Qualitron Corporation.

**DETAIL OF REJECTED BIDS**

S.No.	Company	Total Price in foreign currency	Total Price (Rs)	Make / Model / Company / Country	Reasons
1	ZOS Technologies	€ 1350	Rs.173,475	Make:Kruess Country of origin:Germany Model:MSZ5000-T-IL-TL	They have quoted the item with low zoom ratio which is not as per our tender specifications.
2	Ins-Tech	€ 2100	Rs.269,850	Make:Optika Microscope Country of origin:Italy Model:SZM 2/SZM 2 LED	They have quoted the item with low zoom ratio which is not as per our tender specifications.

**Item # 03: Stereo Dissecting Microscope with CCD Camera and Software**

**Major Tender specifications:**

- High resolution
- Oblique coherent contrast
- High zoom ratio 15:1
- Zoom range 0.75-11.25
- 10x and 30x eyepiece
- Fiber optics bifurcated illuminator
- Diasopic illumination

Complete set of CCD camera and software.

Quantity: 01

S.No.	Company	Total Price in foreign currency	Total Price (Rs)	Make / Model / Company / Country
1	Latif Brothers	€ 15,100	Rs.1,940,350	Make: Carl Zeiss Country of Origin:Germany Model # SteREO Discovery.V20
2	Qualitron Corporation	¥ 1,041,480	Rs.1,197,702	Make:Nikon Corpo. Country of origin: Japan Model:SMZ-1500

**Recommendations of the Technical Committee:**

Four bids were received for this item, out of which only two bidders were quoted the item as per our tender specifications. Therefore, Technical Committee recommended to **Re-Tender** this item.



**DETAIL OF REJECTED BIDS**

S.No.	Company	Total Price in foreign currency	Total Price (Rs)	Make / Model / Company / Country	Reasons
1	Ins-Tech	€ 2,500	Rs.321,250	Make:Optika Microscope Country of origin:Italy Model:SZM 4	They did not fulfill the required mentioned specification in the tender such as 1.Oblique coherent contrast 2.High zoom ratio 15:1 3.Zoom range 0.75-11.5
2	ZOS Technologies	€ 1,304	Rs.167,564	Make:Kruess Country of origin:Germany Model:MSZ5000	They did not fulfill the required mentioned specification in the tender such as 1.Oblique coherent contrast 2.High zoom ratio 15:1 3.Zoom range 0.75-11.5

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


TENDER No. : SP-2/18/01-01-1213 (Second Time)


S.#	ITEM	QUANTITY REQUIRED	RECOMMENDATION
2	Research Stereo Microscope and Digital Camera	01	4 bidders participated for this item but 2 of them are according to our tender specifications. The committee suggested to confirm the price of the item Nikon SMZ1500 quoted by Qualitron Corporation. Two individual quotations from Europe for the same microscope are attached to the minutes. The prices provided in the foreign quotations are slightly higher than the quotation given by Qualitron Corporation, hence the committee recommended to purchase this item from Qualitron Corporation.

**COMMITTEE MEMBERS**

  
**Dr. Bina Shaheen Siddiqui**  
**(Convenor)**

  
**Mr. Sohail**

  
**Mr. Harris**

  
**Dr. Atia-tul-Wahab**  
**(End user)**



## NIKON GMBH

Geschäftsbereich Mikroskope  
 Tiefenbroicher Weg 25, 40472 Düsseldorf, Deutschland, Telefon: +49 (0) 211-9414-0  
 Telefax: +49 (0) 211-9414-322, email: mikroskope@nikon.de, www.nikoninstruments.eu  
 IBAN DE60 3001 0700 0000 0153 47 BIC BOTKDE33

Pos.	Material Bezeichnung	Menge	Einzelpreis	Rabatt Gruppe	Betrag Währung EUR
	KL 1500 LED plus	1	4,00		4,00
0130	MBF11300				
	Netzkabel BE	1	540,00		540,00
0140	157420				
	Schott Spaltringlicht d=66mm	1	40,00		40,00
0150	27102				
	Ringlichtadapter für SMZ	1	14,00		14,00
0160	MXA22061				
	Vinyl-Staubschutzhülle Typ 104	1	1.159,00		1.159,00
0170	MQA11020				
	Digital Camera Head DS-Fi2 Hochoflösende Farbkamera DS-Fi2 mit 5 Megapixel interline CCD (2560 x 1920 effektive Pixel) und 12-Bit Farbtiefe. C-Mountanschluss. Betrieb über die Steuereinheit DS-U3 (MQA25020), Kamerakabel (MQF11010) und kostenloser Software (NIS-Elemente F) mit einfachen Kontroll- und Bildbearbeitungsfunktionen oder mit der stand-alone Kontrolleinheit DS-L3 mit großem Life-Bild Monitor (MQA 21020) und Kamerakabel (MQF11010). CCD: 2/3 inch CCD mit effektiv 5,07 Megapixel Bildwiederholrate mit DS-L3: 10 fps bei 2560 x 1920; 21 fps bei 1280 x 960 Bildwiederholrate mit DS-U3: 4,4 fps bei 2560 x 1920; 17,8 fps bei 1280 x 960 Empfindlichkeit: Entspricht ISO 80 Farbtiefe: 12-Bit Verstärkung/Gain: Bis 46-fach (Abhängig von der Steuereinheit) Belichtung: 130µs - 60 sec Dynamikbereich: Größer 60dB (1000:1) Objektivfassung: C-mount Kamerakopf: 82 x 77,5 x 48mm; 270g	1	2.620,00		2.620,00
0180	MQA25020				
	Digital Kamerakontrolleinheit DS-U3 Kamerakontrolleinheit DS-U3 für Digitalkameras DS-V11, DS-Q11Mc, DS-F11, DS-Fi2, DS-Fi1c und DS-R11. Die Verbindung zur Kamera wird über das Kamerakabel (MQF11010) hergestellt. Software (NIS-Elemente F) für einfache Kontroll- und Bildbearbeitungsfunktionen ist enthalten. Zusätzlich zum Anschluss an den PC sind ein FireWire-Kabel (FIREWIREKABEL9) und eine PCle Steckkarte (ZCIEE1394B) nötig. Das Netzteil zur Kontrolleinheit (MQF52055) und das Netzkabel (MBF11300) wird für alle Betriebsarten empfohlen. OS: Win7-Prof.	1	106,00		106,00
0190	MQF52055				
	AC Adapter 2 Notwendiges Netzteil für die Kamerakontrolleinheiten DS-L2/L3 und DS-U2/U3. Das Netzkabel (MBF11300) ist im Lieferumfang nicht enthalten.	1	45,00		45,00
0200	MQF11010				
	DS Camera I/F Cable20-28 Notwendiges Verbindungskabel (3m) für Digitalkameras der Digital Sight Series und Kamerakontrolleinheit DS-U3 und DS-L3	1	31,00		31,00
0210	FIREWIREKABEL9				
	IEEE1394B Kabel 9pol/9pol	1	75,00		75,00
0220	ZCIEE1394B				
	PCI(e) FireWire800 Karte inkl. FIREWIREKABEL9				

Bankverbindungen:  
 The Bank Of Tokyo Mitsubishi UFJ Ltd  
 IBAN: DE60 3001 0700 0000 0153 47  
 WEEE-Reg. Nr. DE 49144796

Konto-Nr.: 015347 (BLZ 300 107 00)  
 SWIFT/BIC BOTKDE33  
 St.Nr.: 105 5832 0354

Geschäftsführer:  
 Tadaaki Nakayama, Toru Iwoka,  
 Hirobumi Kusaka, Christian Gausling  
 HRB 2708, Amtsgericht Düsseldorf



# NIKON GMBH

Geschäftsbereich Mikroskope  
Tiefenbroicher Weg 25, 40472 Düsseldorf, Deutschland, Telefon: +49 (0) 211-9414-0  
Telefax: +49 (0) 211-9414-322, email: mikroskope@nikon.de, www.nikoninstruments.eu  
IBAN DE60 3001 0700 0000 0153 47 BIC BOTKDE33

DESY  
Petra III  
Herr Dr. Markus Perbandt  
Notkestrasse 85  
22607 Hamburg

Angebot	
Nummer	130206-006041
Datum	05.02.2013
Kundennummer	31210
Gültigkeitszeitraum	06.08.2013
Ihr Ansprechpartner	Christoph Hamers
Telefon	0171-55 100 51
Email	christoph.hamers@nikon.de

Düsseldorf, 6 Februar 2013

Ihre Referenz :  
Unsere Referenz :  
Betrifft : Angebot SMZ 1500

Sehr geehrter Herr Perbandt,

anbei übersenden wir Ihnen das gewünschte Angebot.  
Bitte zögern Sie nicht uns zu kontaktieren, wenn Sie Fragen oder Anmerkungen zu unserem Angebot haben.

Pos.	Material Bezeichnung	Menge	Einzelpreis	Rabatt Gruppe	Betrag Währung EUR
0010	MNA43000 SMZ1500 Stereo Zoomkörper	1	3.272,00		3.272,00
0020	MMK30102 Okular C-W 10xA mit Dioptrienausgleich, Strichplattenhalter, F.N. 22 mm	2	104,00		208,00
0030	MNB42500 Binokulartubus P-BERG, neigbar Einblickswinkel 0-30 Grad	1	2.673,00		2.673,00
0040	MNH45100 OBJEKTIV P-HR PLAN APO 1X -AA 53 mm-	1	1.790,00		1.790,00
0050	MND44030 P-FMD Fokussiertrieb für SMZ-1500 Exklusiv für die Montage des SMZ1500-Zoomkörpers an Rundsäulenstativ. Mit hochpräzisem Grob-Feintrieb mit patentiertem Antirutsch-Fokussiergetriebe.	1	1.016,00		1.016,00
0060	MND43410 C-DSS 230 Durchlichtstativ mit eingebautem 6V-30W Transformator, kippbarem Spiegel, Feinfokussiertrieb an der Vorderseite der Stativbasis.	1	1.170,00		1.170,00
0070	MBF34210 6V-30W Leuchtmittel Halogen	1	10,00		10,00
0080	MBF11300 Netzkabel BE	1	4,00		4,00
0090	MNB45901 P-JBSS2 Strahlenteller S2	1	408,00		408,00
0100	MQD42055 C-Mount-Adapter 0,55x	1	484,00		484,00
0110	MNN40920 C-POL Polarisations-Filterset	1	830,00		830,00
0120	150500	1	714,00		714,00

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SLNr.: 105 8432 0354

Geschäftsführer:  
Tadashi Nakayama, Toru Iwawaki,  
Hirobumi Kusaka, Christian Gaubing  
HRB 2709, Amtsgericht Düsseldorf



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IBAN DE60 3001 0700 0000 0153 47 BIC BOTKDE33

Mit freundlichen Grüßen,

Christoph Hamers  
Nikon GMBH  
Geschäftsbereich Mikroskope

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IBAN DE60 3001 0700 0000 0153 47 BIC BOTKDE33

Pos.	Material Bezeichnung	Menge	Einzelpreis	Rabatt Gruppe	Betrag Währung EUR
0230	MBF11300 Netzkabel BE	1	4,00		4,00
0240	MQS33000 NIKON SOFTWARE NIS-ELEMENTS D NIS-Elements ist eine von Nikon entwickelte, bildgebende Software-Plattform (Win7 32- oder 64-bit erforderlich). Neben der Bilderfassung ermöglicht sie die vollständige Mikroskopsteuerung, die Bilddokumentation und -analyse bis hin zu einem umfangreichen Datenmanagement. Integriert sind neben den Nikon-Kameras der DS-Serie auch High-End- Kameras führender Hersteller (Andor, Hamamatsu, Photometrics u.a.) sowie verschiedenste externe Geräte. Zusammen mit den komplexen und automatisierbaren Analysemöglichkeiten trägt NIS-Elements zu einer deutlichen Effizienzsteigerung der durchgeführten Experimente bei.  NIS-Elements D (Documentation) ist für die Routine-Mikroskope in Forschung sowie im klinischen und industriellen Umfeld optimiert. Integriert sind u.a.: - Kamerasteuerung - Farbdokumentation der Proben inkl. Überlagerung von Fluoreszenzbildern mit der Mergefunktion - manuelle Erstellung eines Z-Stacks - eine breite Palette von Bild-Analyse-Tools für die manuelle Auswertung (Anzahl, Fluoreszenzintensitäten, Objektgröße, -länge, -umfang, -ausdehnung, -schwerpunkt etc., inkl. Statistiken und Export-Möglichkeit). - Makroprogrammierung* - Reportgenerator - Bilddatenbank*  * als Option erhältlich	1	1.378,00		1.378,00
Summe Positionen					18.376,00
Kopfrabatt 20% von 18.376,00					3.675,20
Netto Preis					14.700,80
Frachtkosten					0,00
Mehrwertsteuer (19% von 14.700,80)					2.793,15
Gesamtsumme (inkl. MwSt.)					17.493,95

Zahlungsbedingungen : 30 Tage netto  
Garantie : 24 Monate  
Lieferbedingungen : Verzollt DDP  
Lieferzeit : 6 - 8 Wochen

Bitte beachten Sie auch unsere Lieferungs- und Zahlungsbedingungen auf der Rückseite unseres Angebotes.

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Hirobumi Kusaka, Christian Gekking  
HRB 2708, Amtsgericht Düsseldorf

Set-Cookie: CRNCY=2; path=/ Date: Wed, 06 Feb 2013 04:11:35 GMT Content-Type: text/html; charset=ISO-8859-1

# Inspection Equipment



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## Nikon Stereo Microscopes SMZ1500



### Features

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With a zoom ratio of 15:1, a zoom range of 0.75X to 11.25X, and the convenience of dials at 1X intervals from 1X to 11X, observation becomes easier than ever. Magnifications of 3.75X to 540X can be obtained depending on the combination of objective lenses and eyepieces. High Resolution (HR) Optics - The optical system of the SMZ-1500 produces images of the finest optical quality. Chromatic aberration and distortion have been virtually eliminated. HR lenses have high numerical apertures and resolving power. With all the HR lenses, images are crisp and clear and display optimum contrast with a minimum of flare over the entire field of view. Versatility - With a diverse selection of body tubes, stands, lighting techniques and Nikon's world-renowned optics, this modular microscope can be configured to fit nearly any application. Three Binocular Eyepiece Tubes - The SMZ-1500 features a standard binocular eyepiece tube with a 20 degree angle of inclination allowing observation without leaning forward and straining the neck and shoulders. The low-eye level binocular tube allows a comfortable posture when using an intermediate component of a diascopic stand. The dual tilting binocular tube both tilts and the eyetubes swing up. From the highest position to the lowest position the adjustment range is 157mm or 5.2". Illumination - An Epi-Fluorescence attachment allows easy observation of living cells under fluorescence methods such as GFP. A Coaxial Episcopic Illuminator using a 12V/150W Fiber Optic Light Source offers bright illumination over the entire surface of the sample. Exclusive OCC (Oblique Coherent Contrast) lighting permits observation of samples with extremely low contrast in high relief. Phase differences can be observed to 1/30 of a wavelength of light. Stands - A plain stand for reflected light and three diascopic stands for transmitted light are available including an enhanced diascopic stand featuring the OCC (Oblique Coherent Contrast) lighting technique. Photographic Capability - A beam splitter makes the SMZ1500 compatible with a variety of photographic systems: 35mm, Polaroid or digital still pictures, as well as analog or digital video systems.

[PDF Brochure](#) | [Glossary of Microscopes](#)

[Ask a Question](#)

Product No.	Description	Type	Price	Quantity	
MNA43000	SMZ1500 Main Body	With a zoom ratio of 15:1, a zoom range of 0.75X to 11.25X, and the convenience of dials at 1X intervals from 1X to 11X.	€3350.00		<a href="#">Buy Now</a>
MNB44030	P-FMD Focusing Mount D exclusive for SMZ1500 for coarse & fine focusing. Note: To be mounted on stands C-PS160/C-D50/C-D65/C-D0		€1115.00		<a href="#">Buy Now</a>
MNB42100	Nikon P-BT Binocular Eyepiece Tube		€695.00		<a href="#">Buy Now</a>
MNB42110	Nikon P-BTL Low Eyelevel Binocular Eyepiece Tube		€1540.00		<a href="#">Buy Now</a>
MNB41500	Nikon P-BERG Binocular Tilting Eyepiece Tube		€315.00		<a href="#">Buy Now</a>
MHC30191	Pair C-W 10XA Eyepiece (F.O.V. 22mm)		€200.00		<a href="#">Buy Now</a>
MHB25024	Pair C-W 10X Eyepiece 10X (F.N. 22) with Rubber Eye-Shields, Rotable Lead & Dioptre Adjuster with a damp.		€310.00		<a href="#">Buy Now</a>
MHC30150	Pair C-W 15X Eyepiece (F.O.V. 16mm)		€350.00		<a href="#">Buy Now</a>

Product No.	Description	Price	Quantity
MWK30200	Pair C-W20x Eyepiece 20X (F.N. 12.5) with Dioptre Adjuster, Rubber Eye-Shields, Reticle Holder.	€400.00	<input type="button" value="Buy Now"/>
MWC30300	Pair C-W30x Eyepiece 30X (F.N. 7) with Dioptre Adjuster, Rubber Eye-Shields, Reticle Holder.	€680.00	<input type="button" value="Buy Now"/>
MND45400	Nikon P-10T Drawing Tube	€3055.00	<input type="button" value="Buy Now"/>
MCA25000	Nikon P-1ER Eyeball Rear	€350.00	<input type="button" value="Buy Now"/>
MND45050	High Resolution Plan Apochromat Series P-HR Plan Apo 0.5X (W.D.136mm). Note:C-EP Extension Pillar (MND43020) is required.	€1750.00	<input type="button" value="Buy Now"/>
MND43020	C-EP Extension Pillar	€200.00	<input type="button" value="Buy Now"/>
MNH45100	P-HR Plan Apo 1X (W.D. 53mm)	€2835.00	<input type="button" value="Buy Now"/>
MNH45200	P-HR Plan Apo 1.6X (W.D.24mm)	€3110.00	<input type="button" value="Buy Now"/>
MNH44950	Nikon Objectives P-Plan Apo 0.5X (W.D. 123.6 mm)	€1050.00	<input type="button" value="Buy Now"/>
MND43030	C-EP Extension Pillar	€200.00	<input type="button" value="Buy Now"/>
MNH44100	Nikon Objectives P-Plan Apo 1X (W.D.70mm)	€875.00	<input type="button" value="Buy Now"/>
MNH44150	Nikon Objectives P-ED Plan 1.5X (W.D. 44.5mm)	€1435.00	<input type="button" value="Buy Now"/>
MNH44200	P-ED Plan 2X (W.D. 32.5mm)	€1515.00	<input type="button" value="Buy Now"/>
MND41000	C-PS160 Plain Stand supplied with 180mm opal & black Acrylic plate	€480.00	<input type="button" value="Buy Now"/>
MND43400	C-DSD130 Diascopic Stand 230 (220-240V) with built-in 6V30W transformer, OCC illumination, fine focusing knob in the front of base, 180mm transparent stage glass & NCB11/MND4/MQ16 filters	€2800.00	<input type="button" value="Buy Now"/>
MND43410	C-DSD230 Diascopic Stand 230 (220-240V) with built-in 6V30W transformer, tilting mirror, fine focusing knob in the front of base & 180mm transparent stage glass	€2000.00	<input type="button" value="Buy Now"/>
MND43205	C-DSDF Diascopic Stand with Fibre Light Guide	€2975.00	<input type="button" value="Buy Now"/>
Product No.	Description	Price	Quantity



MPF32840	C-F1115 Fibre Illuminator (120-240V)	€1050.00	<input type="button" value="Buy Now"/>
Product No.	Description	Price	Quantity
MND43450	C-B0230 Discope; Bright/Dark Field Stand (220-240V) with Bright/Darkfield Dia-Illuminator, built-in 5V30W transformer, fine focusing knob in the front of base & 180mm transparent stage glass	€2650.00	<input type="button" value="Buy Now"/>
Product No.	Description	Price	Quantity
MBC61305	SH-54L 4x4 Stage L (left handle) This can be used only with Rein Stands C-54A 4X 4 Stage Adapter, C-EP Extension PWR	€3550.00	<input type="button" value="Buy Now"/>



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H.E.J. RESEARCH INSTITUTE OF CHEMISTRY  
INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES

PROJECT ENTITLED: STRENGTHENING OF H.E.J. RESEARCH INSTITUTE OF CHEMISTRY (PHASE II)

TENDER # SP-2/18/07-01-1213 (Second Time)

COMPARATIVE STATEMENT

Conversion Rate € @ 128.5, JPY @ 115, \$ @ 97.6

S. No.	DESCRIPTION OF ITEMS	Qty. Required	Im-Tech			Latif Brothers			Qualinea Corporation			M. Ayub Brothers			2015 Technologies			Analytical Measuring System			Total # of Bids Received							
			Estimate	Unit Price	Cost	Estimate	Unit Price	Cost	Estimate	Unit Price	Cost	Estimate	Unit Price	Cost	Estimate	Unit Price	Cost	Estimate	Unit Price	Cost								
1	SPS Peptide Synthesizer (Microsome or equivalent)	1	2,100	€	128.5	269,850	11,310	€	128.5	1,453,335	731,810	¥	115	830,082	45,000	\$	97.6	4,392,000	1,350	€	128.5	173,475	39,653	\$	97.6	2,894,133	2	
2	Research Stereo Microscope and Digital Camera	1	3,500	€	128.5	321,250	15,100	€	128.5	1,940,550	1,041,480	¥	115	1,197,702														4
Scientific Equipment for Animal House																												
3	Stereo Dissecting Microscope with CCD Camera and Software	1	3,500	€	128.5	321,250	15,100	€	128.5	1,940,550	1,041,480	¥	115	1,197,702														4





Javaid Riaz  
Project Director


## 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
2. Tender Reference No: SP-2/CIH/CON/04/01-01-1213(Second Time)
3. Tender Description/Name of work/item: Purchase of Chemicals and Consumables from the H.E.C. funded  
Development Project
4. Method of Procurement: Single Stage-One Envelope Bidding Procedure
5. Tender Published: SPPRA: S.No.14741 & Identification No.10355/2012, Friday, December 14<sup>th</sup>, 2012 in Jang news paper  
Print & Electronic Media (SPPRA ID No. & News papers names with dates)
6. Total Bid documents Sold: 9
7. Total Bids Received: 9
8. Technical Bid Opening date: (if applicable) 1<sup>st</sup> January, 2013 (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): 7
10. Bid(s) Rejected: 2
11. Financial Bid Opening date: 1<sup>st</sup> January, 2013
12. Bid Evaluation Report:


**PURCHASE COMMITTEE, ICBS 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 Messik**  
Member (I.C.C.B.S)

**Members from Outside Institution**

  
**1. Dr. Khalid Azhar Ali**  
Member from Dept. of Chemistry, U.O.K

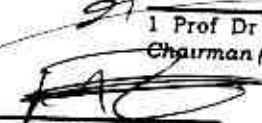
  
**3. Dr. Zahida Karim**  
Member from Dept. of Chemistry, U.O.K


S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5
1	M/s Technomian (Pvt.)Ltd.	Rs. 95,258/-	1 <sup>st</sup> Lowest	As per tender specifications/Lowest bidder	-
2	M/s DJ Scientific	Rs. 97,698/-	1 <sup>st</sup> Lowest	As per tender specifications/Lowest bidder	-
3	M/s Technology Links	Rs. 810,080/-	1 <sup>st</sup> Lowest	As per tender specifications/Lowest bidder	-


4	M/s Nawaid Scientific Traders	Rs. 147,300/-	2 <sup>nd</sup> Lowest	As per tender specifications/Lowest bidder	-
5	M/s KHB International	Rs. 57,198/-	1 <sup>st</sup> Lowest	As per tender specifications/Lowest bidder	-
6	M/s Analytical Instrument Services	Rs. 139,200/-	1 <sup>st</sup> Lowest	As per tender specifications/Lowest bidder	-

**Signatures of the Members of the Committee.**


**PURCHASE COMMITTEE, ICCBS 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 Mesalk  
 Member (I.C.C.B.S)

**Members from Outside Institution**

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

  
 2 Dr. Zahida Karim

# H.E.J. RESEARCH INSTITUTE OF CHEMISTRY


INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES


UNIVERSITY OF KARACHI


## Summary of the Tender # SP-2/CH/CON/04/01-01-1213(Second Time)

S.No.	Company Name	No. of Orders	Amount	
			Foreign Currency F.C.	Pak.Rs.
1	M/s Technoman (Pvt.)l.td.	1	\$ 976	Rs. 95,258/=
2	M/s DJ Scientific	2	\$ 1,001	Rs.97,698/=
3	M/s Technology Links	1	\$ 8,300	Rs. 810,080/=
4	M/s Nawaid Scientific Traders	1	€ 1146.30	Rs. 147,300/=
5	M/s KHB International	2	-	Rs.57,198/=
6	M/s Analytical Instrument Services	1	-	Rs. 139,200/=
	<b>Total</b>	<b>8</b>	\$ 10,277 € 1146.30 Rs.196,398	<b>Rs. 1,346,734/=</b>


### PURCHASE COMMITTEE, ICCBS 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 Mesalk  
Member (I.C.C.B.S)

Members from Outside Institution

  
1 Dr. Rahat Azhar Ali

  
3. Dr. Zahida Karim

Members from Dept. of Chemistry, U.O.K

H.E.J. RESEARCH INSTITUTE OF CHEMISTRY

PROJECT

STRENGTHENING OF H.E.J. RESEARCH INSTITUTE OF CHEMISTRY PHASE II,  
UNIVERSITY OF KARACHI

DECISION OF THE PURCHASE COMMITTEE

FOR

Tender Notice No SP-2/CH/CON/04/01-10-1213(Second Time)

**Conversion Rate as Follows:**

**\$ @ 97.6, € @ 128.5**

No.	Product Name with Specification	Required Qty/pack	Selected Distributor For Required	Price quoted	Justification
1	UHPLC Column With Guard Cartridges	01	M/s Technoman (Pvt.)Ltd. Make: Phenomenex Inc. Country of origin: USA Part # 00B-4462-Y0 and Guard's Part# AJ0-8775 Required: 01	Total Price in \$ 976  Total Price in Rs. 95,258 (01)	Meets the Tender Specification Lowest Bidder
2	UHPLC Column With Guard Cartridge	01	M/s DJ Scientific Make: Agilent Country of origin:Canada Cat #689975-902 and Guard's Cat # 820750-912 Required: 01	Total Price in \$ 716  Total Price in Rs.69,882 (01)	Meets the Tender Specification Lowest Bidder

	<p>Column of Shimadzu Ion Chromatography or Equivalent</p> <ul style="list-style-type: none"> <li>• Shim-Pack Column IC-A3 P/N 228-31076-91</li> <li>• Shim-Pack Guard Column IC-GA3 P/N 228-31076-92</li> <li>• Shim-Pack Column IC-C3 P/N 228-32329-91</li> <li>• Shim-Pack IC-GC3III Column 3 set including 3x cartridges and 1x column ho.P/N 228-41613-93</li> </ul>	<p>01 01 01 01</p>	<p><b>M/s Technology Links</b> <b>Make: Shimadzu (Asia Pacific)PTE Ltd.</b>  <b>Part # 228-31076-91 (Shim- Pack Column IC-A3)</b>  228-31076-92 <b>(Shim-Pack Guard Column IC-GA3)</b> 228-32329-91 <b>(Shim-Pack Column IC-C3)</b>  228-41613-93 <b>(Shim-Pack IC-GC3III Column 3 set)</b>  <b>Required: 01 each</b></p>	<p><b>Total Price in</b> \$ 3250 \$ 1350 \$ 2650 \$ 1050 <b>Total:\$ 8300</b></p> <p><b>Total Price in</b> Rs.317,200 Rs.131,760 Rs.258,640 Rs.102,480 <b>Total:Rs.810,080</b></p> <p>Meets the Tender Specification Lowest Bidder</p>
4	<p>2 - Chlorotriyl Chloride Resin (1% DVB)</p>	<p>100 g</p>	<p><b>M/s DJ Scientific</b> <b>Make: Chem Ipmex</b>  <b>Cat # 04250</b>  <b>Required: 100 gm</b></p>	<p><b>Total Price in</b> \$ 285</p> <p><b>Total Price in</b> Rs. 27,816</p> <p>Meets the Tender Specification Lowest Bidder</p>



5	4-methyl piperidine	500ml x10	M/s Nawaid Scientific Traders Make: Sigma Country of origin: Germany Cat # SP-M73206-500ml Required: 500 ml x10	Total Price in € 1146.30  Total Price in Rs. 147,300	Meets the Tender Specification 2 <sup>nd</sup> Lowest Bidder
6	HOAT	100 gm	M/s KHB International Make: CMS Chemicals Cat # FH02087 Required: 100 gm	Total Price in Rs. 4,998	Meets the Tender Specification Lowest Bidder
7	Iodoacetoneitrile	10g x 10	M/s KHB International Make: CMS Chemicals Cat # F116393 Required: 10 gm x 10	Total Price in Rs. 52,200	Meets the Tender Specification Lowest Bidder
8	Dimethyl Formamide	50 Lit	M/s Analytical Instrument Services Make: Fisher CAS # 68-12-2 Required: 50 Lit	Total Price in Rs. 139,200	Meets the Tender Specification Lowest Bidder



**Prof. Dr. M. Shaiq Ali**  
(Chairman)



**Prof. Dr. Rahat Azhar Ali**  
(Member)



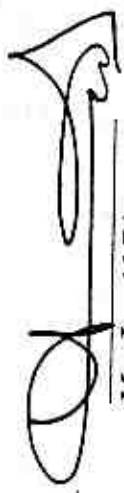
**Dr. M. Raza Shah**  
(Member)



**Dr. Zahida Karim**  
(Member)



**Dr. M. Ahmed Mesaik**  
(Member)



**Mr. Javaid Riaz**  
(Project Director)

**H.E.J. RESEARCH INSTITUTE OF CHEMISTRY**

**PROJECT**

**STRENGTHENING OF H.E.J. RESEARCH INSTITUTE OF CHEMISTRY  
PHASE II, UNIVERSITY OF KARACHI**

**RECOMMENDATION OF THE TECHNICAL COMMITTEE  
FOR**

**Tender Notice No SP-2/CH/CON/04/01-01-1213(Second Time)**

## Memo

To: Prof. Dr.M.Iqbal Choudhary *H.I.S.I.T.I.*

Director

H.E.J. Research Institute of Chemistry

International Center for Chemical and Biological Science

From: Technical Committee (Purchasing of Consumables and Chemicals for Dr. Shakil Ahmed and Dr. Farzana Shaheen)

- 1) Prof. Dr. Bina S.Siddiqui (Convener)
- 2) Mr. Sohail Ahmed
- 3) Mr. Haris Qureshi
- 4) Dr. Farzana Shaheen (end user)
- 5) Dr. Shakil Ahmed (end user)
- 6) Mr. Javaid Riaz (Project Director)

Subject: Technical Report Tender # SP-2/CH/CON/04/01-01-1213(Second Time)

Date: February 21<sup>st</sup>, 2013

The Technical Committee for the purchasing of the Chemicals and Consumables for Dr. Shakil Ahmed and Dr. Farzana Shaheen has gone through the documents of the tendered items ref: Tender # SP-2/CH/CON/04/01-01-1213(Second Time). We have carefully studied the items quoted and attached a list of recommended Chemicals and Consumables, along with this memo. In our recommendations, specifications that meet our requirement and the cost have been taken into consideration.

Thank You.

- 1) Prof. Dr. Bina S.Siddiqui (Convener)
- 2) Mr. Sohail Ahmed
- 3) Mr. Haris Qureshi
- 4) Dr. Farzana Shaheen (end user)
- 5) Dr. Shakil Ahmed (end user)
- 6) Mr. Javaid Riaz (Project Director)

  
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RECOMMENDATIONS OF THE TECHNICAL COMMITTEE

QUANTITY REQUIRED

ITEMS ALONG WITH SPECIFICATIONS

S. NO.

Chemicals and Consumables

1	UHPLC Column With Guard Cartridges	1	3 bidders participated for this item, all bidders were quoted the item as per our tender specifications. The lowest bid was received from M/s Technoman (Pvt.) Ltd. who quoted the product of Phenomenex Inc. USA, Part # 00B-4462-Y0 and Guard's Part# AJ0-8775. Therefore, the Technical Committee recommended to purchase this item from the lowest bidder M/s Technoman (Pvt.) Ltd.
2	UHPLC Column With Guard Cartridges	1	3 bidders participated for this item, all bidders quoted the item as per tender specifications. The lowest bid was received from M/s DJ Scientific, who quoted the product of Agilent, Canada, Cat #689975-902 and Guard's Cat # 820750-912. Therefore, the Technical Committee recommended to purchase this item from the lowest bidder M/s DJ Scientific.
3	UHPLC Column With Guard Cartridges	1	3 bidders participated for this item. Out of which only 2 bidders were quoted the item as per our tender specifications. Therefore, the Technical Committee recommended to Re-Tender item.
4	HPLC Column	1	3 bidders participated for this item. Out of which only 2 bidders were quoted the item as per our tender specifications. Therefore, the Technical Committee recommended to Re-Tender item.

5	Column of Shimadzu Ion Chromatography or Equivalent	01 01 01 01	<p>Only one bid was received from M/s Technology Links for this item. This is the proprietary item of M/s Shimadzu-Japan specially prepared for the Shimadzu Ion Chromatography which is installed at HEJ and M/s Technology Links is the exclusive agent in the Pakistan, who quoted the product of Shimadzu, Part #s 228-31076-91, 228-31076-92, 228-32329-91, 228-41613-93. Therefore, the Technical Committee recommended to purchase this item from M/s Technology Links.</p>
6	Fmoc-D-2-amino-4-bromo-4-pentenoic acid	10 g	<p>3 bidders participated for this item. But due to high cost the Technical Committee recommended to <b>dropped</b> this item.</p>
7	Fmoc-(R)-2-methoxyphenylglycine	10 g	<p>Only 2 bidders participated for this item. Therefore, the Technical Committee recommended to <b>Re-Tender</b> this item.</p>
8	Fmoc-D-2,4,5-trifluorophenylalanine	10 g	<p>Only 2 bidders participated for this item. Therefore, the Technical Committee recommended to <b>Re-Tender</b> this item.</p>
9	Fmoc-L-2,4,5-trifluorophenylalanine	10 g	<p>Only 2 bidders participated for this item. Therefore, the Technical Committee recommended to <b>Re-Tender</b> this item.</p>
10	Fmoc-(S)-2-thienylglycine	10 g	<p>Only 2 bidders participated for this item. Therefore, the Technical Committee recommended to <b>Re-Tender</b> this item.</p>

11	Fmoc-(S)-3-thienylglycine	10 g	Only 2 bidders participated for this item. Therefore, the Technical Committee recommended to <b>Re-Tender</b> this item.
12	Fmoc-D-4-carbamoylphenylalanine	10 g	Only 2 bidders participated for this item. Therefore, the Technical Committee recommended to <b>Re-Tender</b> this item.
13	Fmoc-L-4-carbamoylphenylalanine	10 g	Only 2 bidders participated for this item. Therefore, the Technical Committee recommended to <b>Re-Tender</b> this item.
14	Fmoc-D-2,4-dinitrophenylalanine	10 g	Only 2 bidders participated for this item. Therefore, the Technical Committee recommended to <b>Re-Tender</b> this item.
15	Fmoc-L-2,4-dinitrophenylalanine	10 g	Only 2 bidders participated for this item. Therefore, the Technical Committee recommended to <b>Re-Tender</b> this item.
16	2 - Chlorotriptyl Chloride Resin (1% DVB)	100 g	3 bidders participated for this item; all bidders quoted the item as per tender specifications. The lowest bid was received from M/s DJ Scientific, who quoted the product of Chem Ipmez, Cat # 04250. Therefore, the Technical Committee recommended to purchase this item from the lowest bidder <b>M/s DJ Scientific</b> .
17	4-Sulfamylbutyryl Rink Amide AM resin	50 g	Only one bidder participated for this item. Therefore, the Technical Committee recommended to <b>Re-Tender</b> this item



18	4-methyl piperidine	500ml x 10	3 bidders participated for this item; all bidders quoted the item as per tender specification. The lowest bidder M/s DJ Scientific regrets to provide this item (email message enclosed). Therefore the Technical Committee recommended to purchase this item from second lowest bidder M/s Nawaid Scientific Traders, who quoted the product of Sigma-Germany, CAT# SP-M73206.
19	HOAT	100 g	4 bidders participated for this item; all bidders quoted the item as per tender specifications. The lowest bid was received from M/s KHB International, who quoted the product of CMS Chemicals, Cat # FH02087. Therefore, the Technical Committee recommended to purchase this item from the lowest bidder M/s KHB International
20	Iodoacetone	10 g x 10	4 bidders participated for this item; all bidders quoted the item as per tender specifications. The lowest bid was received from M/s KHB International, who quoted the product of CMS Chemicals, Cat # F116393. Therefore, the Technical Committee recommended to purchase this item from the lowest bidder M/s KHB International
21	TentaGel MB TRT-OH	20 g	Only one bidder participated for this item. Therefore, the Technical Committee recommended to Re-Tender this item
22	Dimethyl Formamide	50 liter	3 bidders participated for this item; all bidders quoted the item as per tender specifications. The lowest bid was received from M/s Analytical Instrument Services, who quoted the product of Fisher, CAS # 68-12-2. Therefore, the Technical Committee recommended to purchase this item from the lowest bidder M/s Analytical Instrument Services.

22 November 2010

SAP/2010-11-02

To Whom It May Concern

Dear Sir,

Letter of Appointment

This is to certify that Technology Links (Pvt) Ltd located at 4/11 - 12 Rimpa Plaza, MA Jinnah Road, Karachi 74400, Pakistan and having its branch offices in Islamabad, Lahore, Peshawar and Hyderabad as our Exclusive Agent in the territory of Pakistan.

The range of Products cover under this letter is as follows:

1. Analytical and Measuring Instruments  
Spectroscopic Apparatus, Chromatographs, Electromagnetic Analytical Apparatus, Thermal Analysis Apparatus, Mass Spectrometer Systems, Biotechnology Instruments, Environmental Pollution and Measuring Instruments
2. Testing and Inspection Machines  
Material Testing Machines, Environmental Creative Apparatus and Non-destructive Apparatus
3. Medical Equipment and Systems  
Medical X-Ray Instruments computed Tomographic Scanner, Nuclear Medicine Instruments, Ultrasound Diagnostic Instruments, Clinical Chemistry Instruments, Radiography Instruments, Automated Multiphase Health Testing System and Hospital Equipment.

This Letter of Appointment will be valid from 1 January 2011 until 31 December 2012 and the Agency Commission payable will be 2% of the FOB Value to Technology Links (Pvt) Ltd.

SHIMADZU (ASIA PACIFIC) PTE LTD

Tsuguo Kishida  
Managing Director

4/12/10

18 DEC 2010  
ATTESTED



DJ SCIENTIFIC <info@dj-scientific.com> 10:43 AM (0 minutes ago)

to me

Dear Dr. Farzana,

With reference to your Tender Notice No SP-2/CH/CON/04/01-01-1213(Second Time)

We regret to inform you that item named 4-methyl piperidine is discontinued from our supplier TCI Japan & no manufacturing schedule is fixed yet.

We apologize for any inconvenience in this regards.

Thank you

Farah Taj

DJ SCIENTIFIC

**H.J. RESEARCH INSTITUTE OF CHEMISTRY**  
**INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCE**  
**PROJECT ENTITLED: STRENGTHENING OF H.J. RESEARCH INSTITUTE OF CHEMISTRY (PHASE II)**  
**COMPARATIVE STATEMENT**

TENDER # SP-2/CH/CON/04/01-01-1113 (second Time)

CONVERSION RATE 3 @ 75% i.e. @ 123.5

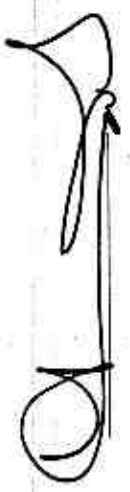
S#	ITEMS	Supply Brought				KIBB Intermediates				Technological Banks				Technology				
		Qty. Ordered	Per Unit in Ru.	Total Cost in Ru.	Per Unit in Ru.	Qty. Ordered	Per Unit in Ru.	Total Cost in Ru.	Per Unit in Ru.	Qty. Ordered	Per Unit in Ru.	Total Cost in Ru.	Per Unit in Ru.	Qty. Ordered	Per Unit in Ru.	Total Cost in Ru.		
1	UHPLC Column With Guard Cartridges	1													1	\$976	Rs. 95,258	Rs. 95,258
2	UHPLC Column With Guard Cartridge	1													1	\$866.00	Rs. 84,522	Rs. 84,522
3	UHPLC Column With Guard Cartridges	1													1	\$866.00	Rs. 84,522	Rs. 84,522
4	HPLC Column	1													1	\$755.00	Rs. 73,688	Rs. 73,688
5	Column of Shimadzu Ion Chromatography or Equivalent	01												01	\$3250	Rs. 317,200	Rs. 317,200	
		01												01	\$1350	Rs. 131,760	Rs. 131,760	
		01												01	\$2650	Rs. 258,640	Rs. 258,640	
		01												01	\$1050	Rs. 102,480	Rs. 102,480	
6	Proc-D-2-amino-4-bromo-4-pentenoic acid	10 g	500mg	\$480.67	Rs. 46,913 (500 gm)	Rs. 957,956 (10 gm)												
7	Proc-(R)-2-methylpentyllysine	10 g																
8	Proc-D-2,4,5-trifluorophenylalanine	10 g																

3

2

Sl. No.	ITEMS	Quantity	Quality/Quantity		Price/Rate		Total		Remarks
			Quality	Quantity	Price/Rate	Quantity	Price/Rate	Total	
9	Fmoc-L-2,4,5-trifluorophenylalanine	10 g							
10	Fmoc-(S)-2-thienylglycine	10 g							
11	Fmoc-(S)-3-thienylglycine	10 g							
12	Fmoc-D-4-carbamoylphenylalanine	10 g							
13	Fmoc-L-4-carbamoylphenylalanine	10 g							
14	Fmoc-D-2,4-dinitrophenylalanine	10 g							
15	Fmoc-L-2,4-dinitrophenylalanine	10 g							
16	2-Chloromethyl Chloride Resin (1% DVB)	100 g						Rs. 67,980 (100 g)	Rs. 67,980 (100 g)
17	4-Sulfanybutyryl Bink Amide AM resin	50 g							
18	4-methyl piperidine	500ml x 10	100 gm	591.43	Rs 8,923 (100 gm)				
19	HQAT	100 g	150 gm	5380.42 (350 gm)	Rs 37,129 (250 gm)			Rs. 24,989 (500 gm)	Rs. 4997.8 (100 gm)
20	Iodoacetamide	10 g x 10	5 ml	5113.46 (5 ml)	Rs 11,074 (5 ml)			Rs. 5,220 (10 gm)	Rs. 52,200 (10x 10 gm)

Sl. No.	Item Name	Quantity	M/S. S. P. Brothers		S. H. B. International		Technology Link		Teshmoun										
			Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount									
21	TenuGel MB TRT-OH	20 g			-	Rs 184,825 (20gm)	Rs 184,825 (20gm)												
22	Dimethyl Formamide	50 liter	\$87.25 (2.5 lit)	Rs 8,516 (2.5 lit)		Rs 170,312 (50 lit)													



Javid Riaz  
Project Director



**H.E.J. RESEARCH INSTITUTE OF CHEMISTRY**  
**INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES**  
**PROJECT ENTITLED: STRENGTHENING OF H.E.J. RESEARCH INSTITUTE OF CHEMISTRY (PHASE II)**  
**COMPARATIVE STATEMENT**

TENDER # SF-2/CH/CON/0401-01-1214 (Second Time)

CONVERSION RATE \$ @ 97.6 @ 119.5

Sl. No.	ITEMS	Analytical Instrument Services			IJ Scientifics			Navaid Scientifics (Pvt. Ltd.)			Total of Bids Received	
		Qty. Ordered	Per Unit in Rs.	Total Order in Rs.	Qty. Ordered	Per Unit in Rs.	Total Order in Rs.	Qty. Ordered	Per Unit in Rs.	Total Order in Rs.		
1	UHPLC Column With Guard Cartridges	1			1	\$1,080	Rs. 105,408		1	€789.88	Rs. 101,500	3
2	UHPLC Column With Guard Cartridge	1			1	\$716	Rs. 69,882		1	€789.88	Rs. 101,500	3
3	UHPLC Column With Guard Cartridges	1			1	\$536	Rs. 52,314		1	€789.88	Rs. 101,500	3
4	HPLC Column	1			1	\$479	Rs. 46,750		1	€211.67	Rs. 27,200	3
5	Column of Shimadzu Ion Chromatography or Equivalent	01										1
		01										
		01										
		01										
6	Frnac-D-2-amino-4-bromo-4-pentenoic acid	10 g	10 gm	\$1,440	Rs. 140,544 (10 gm)	5gx2	Rs. 140,544 (10 gm)					
7	Frnac-(R)-2-methoxyphenylglycine	10 g	10 gm	\$2,880	Rs. 281,088 (10 gm)	5gx2	Rs. 281,088 (10 gm)					
8	Frnac-D-2,4,5-trifluorophenylalanine	10 g	10 gm	\$1,440	Rs. 140,544 (10 gm)	5gx2	Rs. 140,544 (10 gm)					

ITEMS	Analytical Instrument Services		D.I. Scientist		Newfield Scientifics (Traders)				Total # of Birds Received
	Days	Rate	Days	Rate	Days	Rate	Days	Rate	
9 Fmoc-L-2,4,5-trifluorophenylalanine	10 g	\$1,440	Rs. 140,544 (10 gm)	10 gm	\$205 (1 gm)	Rs. 20,008 (1 gm)	Rs. 200,080 (10 gm)	2	
10 Fmoc-(S)-2-thienylglycine	10 g	\$2,880	Rs. 281,088 (10 gm)	10 gm	\$355 (1 gm)	Rs. 34,648 (1 gm)	Rs. 346,480 (10 gm)	2	
11 Fmoc-(S)-3-thienylglycine	10 g	\$2,880	Rs. 281,088 (10 gm)	10 gm	\$1180 (5 gm)	Rs. 115,168 (5 gm)	Rs. 230,336 (10 gm)	2	
12 Fmoc-D-4-carbamoylphenylalanine	10 g	\$1,440	Rs. 140,544 (10 gm)	10 gm	\$585 (5 gm)	Rs. 57,096 (5 gm)	Rs. 114,192 (10 gm)	2	
13 Fmoc-L-4-carbamoylphenylalanine	10 g	\$1,440	Rs. 140,544 (10 gm)	10 gm	\$610 (5 gm)	Rs. 59,536 (5 gm)	Rs. 119,072 (10 gm)	2	
14 Fmoc-O-2,4-dinitrophenylalanine	10 g	\$2,400	Rs. 234,240 (10 gm)	10 gm	\$985 (5 gm)	Rs. 96,136 (5 gm)	Rs. 192,272 (10 gm)	2	
15 Fmoc-L-2,4-dinitrophenylalanine	10 g	\$2,400	Rs. 234,240 (10 gm)	10 gm	\$1215 (5 gm)	Rs. 118,584 (5 gm)	Rs. 237,168 (10 gm)	2	
16 2-Chloroethyl Chloride Resin (1% DV8)	100 g	\$224	Rs. 31,622 (100 gm)	100 gm	\$285	Rs. 27,816 (100 gm)	Rs. 27,816 (100 gm)	3	
17 4-Sulfamylbutyryl Resin Amide AM resin	50 g			50 gm	\$600 (5 gm)	Rs. 58,560 (5 gm)	Rs. 58,560 (5 gm)	1	
18 4-methyl piperidine	500ml x 10			500ml x 10	\$1,500	Rs. 146,400	Rs. 146,400 (500ml x 10)	3	
19 HOAT	100 g			200 gm	\$500 (200 gm)	Rs. 48,800 (200 gm)	Rs. 24,400 (100 gm)	4	

*Handwritten signature*



ITEMS	Quantity	Analysis and Other Services		101 Scientific				Normal Scientific (Vendor)		Total of Bill Estimate
		Quantity	Rate	Quantity	Rate	Quantity	Rate	Quantity	Rate	
20	Iodononitrile 10 g x 10	4x25 gm	5600	Rs. 58,560 (4x25 gm)	Rs. 58,560 (4x25 gm)	10 g x 10	Rs. 132,124 (10gx10)	Rs. 132,124 (10gx10)	4	
21	TcmsGel MB TRT-OH 20 g								1	
22	Dimethyl Formamide 50 liter	100x500 ml	51,800	Rs. 175,680	Rs. 175,680				3	



Javaid Riaz  
Project Director