



**The Karachi Institute of Biotechnology  
and Genetic Engineering (KIBGE)  
University of Karachi**

Karachi-75270, Pakistan



Tel: +9221-99261180-1

Ref. No. KIBGE/DG/AA-024.

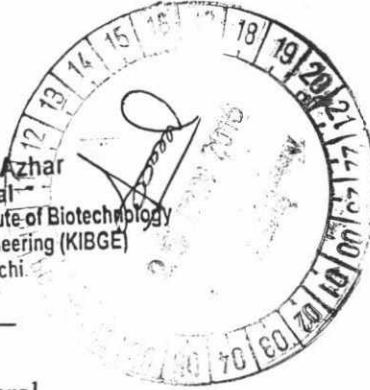
The Director (A&F)  
Sindh Public Procurement Regulatory Authority,  
Government of Sindh,  
Block No. 8 Sindh Secretariat 4-B,  
Karachi.

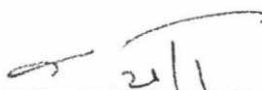
**Subject: Upload the Advertisement on SPPRA website.**

Enclosed herewith please find an advertisement to be display on SPPRA website. The bill in duplicate, along with the copies of advertisement may please be forwarded to the undersigned for payment.

Sincerely,

Prof. Dr. Abid Azhar  
Director General  
The Karachi Institute of Biotechnology  
and Genetic Engineering (KIBGE)  
University of Karachi



  
Abid Azhar, Ph.D (ANU-Canberra)  
Meritorious Professor & Director General

January 21, 2016

Enclosed:

2. Tender Notice No. KIBGE/RP/SEQPT/16-02-16
3. Office Order of Procurement Committee.
4. Office Order of Complaint Redressal Committee.
5. Annual Procurement Plan

THE KARACHI INSTITUTE OF BIOTECHNOLOGY  
& GENETIC ENGINEERING (KIBGE)  
UNIVERSITY OF KARACHI  
KARACHI-75270

**TENDER NOTICE NO. KIBGE/RP/SEQPT/16-02-16.**

Sealed tenders are invited from the sales tax registered and income tax registered authorized agent or firms (where applicable) for purchase of "EQUIPMENT" on *FOR Basis (in PKR)* and on *Single-Stage One -Envelope* procedure basis for the Institute.

The tender documents can be collected from Administration of the Institute, on any working day between 9.00 a.m. to 12.30 p.m., from 27-01-2016 or from the date of publication of the advertisement in the newspapers or notification of this advertisement on the websites, on payment of Rs. 1000/- (non-refundable), in shape of a pay order (Demand Draft by the out of Karachi suppliers), in favor of the Director, KIBGE or downloaded from the websites [www.kibge.edu.pk](http://www.kibge.edu.pk), [www.pprasinhd.gov.pk](http://www.pprasinhd.gov.pk). The last date of issuing the tender documents is February 15, 2016. The tenders can be submitted with 2% of the bid value as earnest money in shape of a pay order in favor of the Director, KIBGE, latest by 2:30 p.m. on February 16, 2016. The tender will be opened in Conference Room of the Institute 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 Rule No. 25.

  
**DIRECTOR GENERAL**

Prof. Dr. Abid Azhar  
Director General  
The Karachi Institute of Biotechnology  
and Genetic Engineering (KIBGE)  
University of Karachi

Dawn

**THE KARACHI INSTITUTE OF BIOTECHNOLOGY  
& GENETIC ENGINEERING (KIBGE)**  
UNIVERSITY OF KARACHI, KARACHI-75270

**TENDER NOTICE NO. KIBGE/RP/SEQPT/16-02-16  
PURCHASE OF EQUIPMENT**

Sealed Tenders are invited from the Sales Tax, SRB and Income Tax Registered Authorized Agents or Firms (Where Applicable) for Purchase of "EQUIPMENT" on F.O.R basis (in PKR) on Single Stage - One Envelope procedure basis for the Institute. The Tender Documents can be collected from Administration Office of the Institute, on any working day between 09:00 am to 12:30 pm, from 27th JANUARY 2016 or from the Date of Publication of this Advertisement in the Newspapers or Notification of this Advertisement on the Websites, on Payment of Rs. 1,000/- (non-refundable), in shape of a Pay Order (Demand Draft by the out of Karachi suppliers), in favor of the Director, KIBGE, or downloaded from the websites [www.kibge.edu.pk](http://www.kibge.edu.pk), [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk). The Last Date of issuing the Tender Documents is 15th FEBRUARY 2016.

The Tenders can be submitted with 2% of the Bid Value as Earnest Money in shape of a Pay Order in favor of the Director, KIBGE, latest by 02:30 pm on 16th FEBRUARY 2016. The Tenders will be opened in Conference Room of the Institute at 03:00 pm 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 Rule No. 25.

**DIRECTOR GENERAL**

Jan 7

**THE KARACHI INSTITUTE OF BIOTECHNOLOGY  
& GENETIC ENGINEERING (KIBGE)**  
UNIVERSITY OF KARACHI, KARACHI-75270

**TENDER NOTICE NO. KIBGE/RP/SEQPT/16-02-16  
PURCHASE OF EQUIPMENT**

اینٹیویٹ کو "EQUIPMENT" کی FOR کی بنیاد پر (پاکستانی روپے میں) خریداری کے لئے بلڈنگ اور آؤٹ گیس ڈیپارٹمنٹ سے رجسٹرڈ شدہ (جہاں آگاہ ہوتا ہے) با اختیار ایجنٹس یا فرمز سے منسلک اسٹیج ایک لفافے کے طریقہ کار کے تحت سر بہر ٹینڈر مطلوب ہیں۔

ٹینڈر کی دستاویزات 27 جنوری 2016 یا اس ایشمار کی اشاعت کی تاریخ سے یا اس ایشمار کی ویب سائٹ پر ڈیٹا میں کی تاریخ سے کام کے بھی دن صبح 9 سے دوپہر 12:30 بجے کے درمیان مبلغ -/1,000 روپے کی ادائیگی (نا قابل واپسی) بصورت پے آرڈر (بیرون کراچی کے پلاٹرز سے بذریعہ ڈیپازٹ ڈرافٹ) یا Director, KIBGE پر ایڈیشنل آفس سے حاصل کئے جاسکتے ہیں یا ویب سائٹ [www.kibge.edu.pk](http://www.kibge.edu.pk) اور [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk) سے ڈاؤن لوڈ کئے جاسکتے ہیں۔

ٹینڈرز دستاویزات جاری کرنے کی آخری تاریخ 15 فروری 2016 ہے۔ ٹینڈرز پیشکش کے 2% کے مساوی رقم کے پے آرڈر نام Director, KIBGE کے 16 فروری 2016 دوپہر 02:30 بجے تک دیئے جاسکتے ہیں۔ ٹینڈرز اکی روز سہ پہر 03:00 بجے بولی دینے والے یا ان کے نمائندوں کی موجودگی میں اینٹیویٹ کے کانفرنس روم میں کھولے جائیں گی۔ پروکیورنگ ایجنسی SPP قانون کی شق نمبر 25

کی بنیاد پر کسی بھی یا تمام ٹینڈرز کو مسترد کر سکتی ہے  
ڈائریکٹر جنرل

# Bid Evaluation Report

1. Name of Procuring Agency: The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE), University of Karachi
2. Tender Reference No: KIBGE/RP/SEQPT/16-02-16
3. Tender Description/Name of work/item: Purchase of Scientific Equipment (Real Time PCR System).
4. Method of Procurement: Single Stage: One Envelop
5. Tender Published: SPPRA S. No. 26248 Daily Dawn 24-01-2016 & Daily Jang 25-01-2016  
*Print & Electronic Media (SPPRA ID No. & News papers names with dates)*
6. Total Bid documents Sold: Eight (08)
7. Total Bids Received: Five (05)
8. Technical Bid Opening date: (if applicable) 16-02-2016 *(Provide details in separate form)*
9. No. of Bid technically qualified (if applicable): One (01)
10. Bid(s) Rejected: Four (04)
11. Financial Bid Opening date: 16-02-2016

## Signatures of the Members of the Committee.



**Dr. Nadir Naveed Siddiqui**  
Member (KIBGE)

**Dr. Nadir Naveed Siddiqui**  
Scientific Officer  
Dr. A.Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi, Karachi



**Dr. Saddia Galani**  
Member (KIBGE)

The Karachi Institute of Biotechnology  
& Genetic Engineering (KIBGE)  
University of Karachi  
**Dr. Saddia Galani**  
Assistant Professor  
Dr. A. Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi.



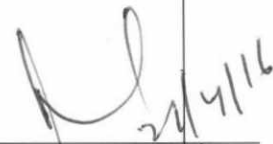
**Mr. Imran Rafiq**  
Member (KIBGE)

Administrative Officer



**Purchase Officer**  
University of Karachi  
Member

**PURCHASE OFFICER**  
**UNIVERSITY OF KARACHI**



**Resident Auditor**  
University of Karachi  
Member

## 12. Bid Evaluation Report:

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	5	6
1.	A M/s. LabTree	Rs. 2,650,000/-	-----	Rejected on the basis of Technical qualification	Rejected
2.	B M/s. Briogene	Rs. 3,200,000/-	-----	Rejected on the basis of Technical qualification	Rejected
3.	C M/s. Eco Biosciences	Rs. 3,744,000/-	-----	Rejected on the basis of Technical qualification	Rejected
4.	D M/s. Analytical Measuring Systems (Pvt.) Ltd	Rs. 4,272,635/-	-----	Rejected on the basis of Technical qualification	Rejected
5.	E M/s. Chemical House	Rs. 5,001,750/-	1 <sup>st</sup> Lowest	Selected on the basis of Technical qualification	Selected

### Signatures of the Members of the Committee.



**Dr. Nadir Naveed Siddiqui**  
Member (KIBGE)

**Dr. Nadir Naveed Siddiqui**  
Scientific Officer  
Dr. A.Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi, Karachi



**Dr. Saddia Galani**  
Member (KIBGE)

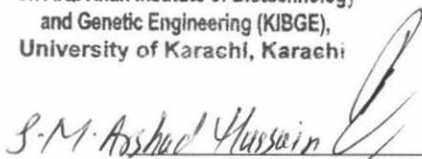
The Karachi Institute of Biotechnology  
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University of Karachi

**Dr. Saddia Galani**  
Assistant Professor  
Dr. A. Q. Khan Institute of Biotechnology  
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University of Karachi.



**Mr. Imran Rafiq**  
Member (KIBGE)

Administrative Officer



**Purchase Officer**  
University of Karachi  
Member

**PURCHASE OFFICER**  
UNIVERSITY OF KARACHI



**Resident Auditor**  
University of Karachi  
Member

PCR

## Bid Evaluation Report

1. Name of Procuring Agency: The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE), University of Karachi
2. Tender Reference No: KIBGE/RP/SEQPT/16-02-16
3. Tender Description/Name of work/item: Purchase of Scientific Equipment (Thermal Cycler).
4. Method of Procurement: Single Stage: One Envelop
5. Tender Published: SPPRA S. No. 26248 Daily Dawn 24-01-2016 & Daily Jang 25-01-2016  
*Print & Electronic Media (SPPRA ID No. & News papers names with dates)*
6. Total Bid documents Sold: Eight (08)
7. Total Bids Received: Six (06)
8. Technical Bid Opening date: (if applicable) 16-02-2016 (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): Three (03)
10. Bid(s) Rejected: Three (03)
11. Financial Bid Opening date: 16-02-2016

### Signatures of the Members of the Committee.



**Dr. Nadir Naveed Siddiqui**  
Member (KIBGE)

**Dr. Nadir Naveed Siddiqui**  
Scientific Officer  
Dr. A.Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi, Karachi



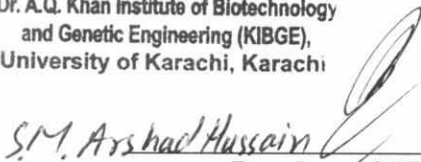
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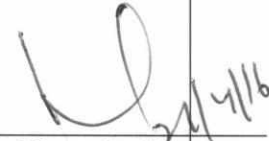
**Mr. Imran Rafiq**  
Member (KIBGE)

*Administrative Officer*



**Purchase Officer**  
University of Karachi  
Member

**PURCHASE OFFICER**  
UNIVERSITY OF KARACHI



**Resideed Hameed**  
Resident Auditor  
University of Karachi  
Member

## 12. Bid Evaluation Report:

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	5	6
1.	A M/s. LabTree	Rs. 435,000/-	-----	Rejected on the basis of Technical qualification	Rejected
2.	B M/s. WorldWide Scientific	Rs. 625,950/-	-----	Rejected on the basis of Technical qualification	Rejected
3.	C M/s. Eco Biosciences	Rs. 760,500/-	-----	Rejected on the basis of Technical qualification	Rejected
4.	D M/s. Chemical House	Rs. 813,150/-	1 <sup>st</sup> Lowest	Selected on the basis of Technical qualification	Selected
5.	E M/s. Lucky Lab	Rs. 850,000/-	2 <sup>nd</sup> Lowest	Technically qualified but not lowest	-----
6.	F M/s. Analytical Measuring Systems (Pvt.) Ltd	Rs. 899,670/-	3 <sup>rd</sup> Lowest	Technically qualified but not lowest	-----

### Signatures of the Members of the Committee.



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Member (KIBGE)

**Dr. Nadir Naveed Siddiqui**  
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Dr. A.Q. Khan Institute of Biotechnology  
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University of Karachi, Karachi



**Purchase Officer**  
University of Karachi  
Member

**PURCHASE OFFICER**  
UNIVERSITY OF KARACHI



**Dr. Saddia Galani**  
Member (KIBGE)

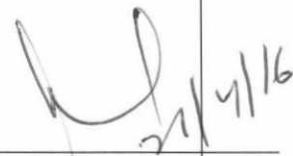
The Karachi Institute of Biotechnology  
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**Dr. Saddia Galani**  
Assistant Professor  
Dr. A. Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi.



**Mr. Imran Rafiq**  
Member (KIBGE)

Administrative Officer



**Resident Auditor**  
University of Karachi  
Member



# Bid Evaluation Report

1. Name of Procuring Agency: The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE), University of Karachi
2. Tender Reference No: KIBGE/RP/SEQPT/16-02-16
3. Tender Description/Name of work/item: Purchase of Scientific Equipment (Power Supply).
4. Method of Procurement: Single Stage: One Envelop
5. Tender Published: SPPRA S. No. 26248 Daily Dawn 24-01-2016 & Daily Jang 25-01-2016  
*Print & Electronic Media (SPPRA ID No. & News papers names with dates)*
6. Total Bid documents Sold: Eight (08)
7. Total Bids Received: Three (03)
8. Technical Bid Opening date: (if applicable) 16-02-2016 *(Provide details in separate form)*
9. No. of Bid technically qualified (if applicable): One (01)
10. Bid(s) Rejected: Two (02)
11. Financial Bid Opening date: 16-02-2016

## Signatures of the Members of the Committee.



**Dr. Nadir Naveed Siddiqui**

**Dr. Nadir Naveed Siddiqui**  
**Scientific Officer**  
Dr. A.Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi, Karachi

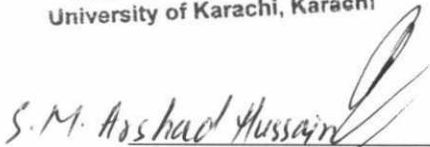


**Dr. Saddia Galani**  
**Member (KIBGE)**

The Karachi Institute of Biotechnology  
& Genetic Engineering (KIBGE)  
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**Dr. Saddia Galani**  
**Assistant Professor**  
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University of Karachi.



**Mr. Imran Rafiq**  
**Member (KIBGE)**  
*Administrative Officer*



**Purchase Officer**  
**University of Karachi**

**Member**  
**PURCHASE OFFICER**  
**UNIVERSITY OF KARACHI**



**Reshmi Hameed**  
**Resident Auditor**  
**University of Karachi**  
**Member**



**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>Reasons for acceptance/rejection</i>	<i>Remarks</i>
0	1	2	3	5	6
1.	A M/s. Eco Biosciences	Rs. 93,600/-	-----	Rejected on the basis of Technical qualification	Rejected
2.	B M/s. Chemical House	Rs. 152,094/-	1 <sup>st</sup> Lowest	Selected on the basis of Technical qualification	Selected
3.	C M/s. Analytical Measuring Systems (Pvt.) Ltd	Rs. 190,942/-	-----	Rejected on the basis of Technical qualification	Rejected

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



**Dr. Nadir Naveed Siddiqui**  
Member (KIBGE)



**Dr. Saddia Galani**  
Member (KIBGE)



**Mr. Imran Rafiq**  
Member (KIBGE)

*Administrative Officer*

**Dr. Nadir Naveed Siddiqui**  
Scientific Officer  
Dr. A.Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi, Karachi



**Purchase Officer**  
University of Karachi  
Member

**PURCHASE OFFICER**  
UNIVERSITY OF KARACHI

The Karachi Institute of Biotechnology  
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**Dr. Saddia Galani**  
Assistant Professor  
Dr. A. Q. Khan Institute of Biotechnology  
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University of Karachi.



**Resident Auditor**  
University of Karachi  
Resident of Karachi  
Member

# Bid Evaluation Report

1. Name of Procuring Agency: The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE), University of Karachi
2. Tender Reference No: KIBGE/RP/SEQPT/16-02-16
3. Tender Description/Name of work/item: Purchase of Scientific Equipment (Thermo Mixer).
4. Method of Procurement: Single Stage: One Envelop
5. Tender Published: SPPRA S. No. 26248 Daily Dawn 24-01-2016 & Daily Jang 25-01-2016  
*Print & Electronic Media (SPPRA ID No. & News papers names with dates)*
6. Total Bid documents Sold: Eight (08)
7. Total Bids Received: Four (04)
8. Technical Bid Opening date: (if applicable) 16-02-2016 *(Provide details in separate form)*
9. No. of Bid technically qualified (if applicable): Two (02)
10. Bid(s) Rejected: Two (02)
11. Financial Bid Opening date: 16-02-2016

## Signatures of the Members of the Committee.



**Dr. Nadir Naveed Siddiqui**  
Member (KIBGE)

**Dr. Nadir Naveed Siddiqui**  
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Member (KIBGE)

*Administrative Officer*



**Purchase Officer**  
University of Karachi  
Member

**PURCHASE OFFICER**  
UNIVERSITY OF KARACHI



**Resigned Auditor**  
Resident Auditor  
University of Karachi  
Member

**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>Reasons for acceptance/ rejection</i>	<i>Remarks</i>
0	1	2	3	5	6
1.	A M/s. WorldWide Scientific	Rs. 375,000/-	-----	Rejected on the basis of Technical qualification	Rejected
2.	B M/s. Chemical House	Rs. 555,750/-	-----	Rejected on the basis of Technical qualification	Rejected
3.	C M/s. Eco Biosciences	Rs. 610,000/-	1 <sup>st</sup> Lowest	Selected on the basis of Technical qualification	Selected
4.	D M/s. Analytical Measuring Systems (Pvt.) Ltd	Rs. 662,865/-	2 <sup>nd</sup> Lowest	Technically qualified but not lowest	---

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



**Dr. Nadir Naveed Siddiqui**  
Member (KIBGE)

**Dr. Nadir Naveed Siddiqui**  
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**PURCHASE OFFICER**

The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE)

University of Karachi

TENDER NOTICE NO. KIBGE/RP/SEQPT/16-02-16.

1) Real Time PCR System	AMS	Lab Tree	Chemical House	Eco Biosciences	Lucky Lab	WWS	Briogene
<b>Estimated Cost PKR= 4,500,000</b>	<b>4,272,635</b>	<b>2,650,000</b>	<b>5,001,750</b>	<b>3,744,000</b>	<b>N/Q</b>	<b>N/Q</b>	<b>3,200,000</b>
Model / Cat No.	qTower3G / 844005062	TL988-IV	CFX96 Touch / 1855196	AriaMx RT PCR / G8830A	N/Q	N/Q	Rotor Gene-Q / 9001590
Company	AnalyticJena	TIALONG	Bio-Rad	Agilent	N/Q	N/Q	Briogene
Country	Germany	China	Singapore	USA	N/Q	N/Q	Malaysia

2) Thermal Cycler	AMS	Lab Tree	Chemical House	Eco Biosciences	Lucky Lab	WWS	Briogene
<b>Estimated Cost PKR= 910,000</b>	<b>899,670</b>	<b>435,000</b>	<b>813,150</b>	<b>760,500</b>	<b>850,000</b>	<b>625,950</b>	<b>N/Q</b>
Model / Cat No	Biometra T Adv / 8462070201	MQ Thermal Cycler Gradient	T-100 Thermal Cycler	Abi Veriti 96 well / 4375786	Master Cycler ep G / 5341 000.019	Super Cycler	N/Q
Company	AnalyticJena	Molecule-On	Bio-Rad	Applied Bio Systems	Eppendorf	Kyratec	N/Q
Country	Germany	Newzeland	Singapore	Singapore	Germany	Australia	N/Q

3) Thermo Mixer	AMS	Lab Tree	Chemical House	Eco Biosciences	Lucky Lab	WWS	Briogene
<b>Estimated Cost PKR= 610,000</b>	<b>662865</b>	<b>N/Q</b>	<b>555,750</b>	<b>610,000</b>	<b>N/Q</b>	<b>375,000</b>	<b>N/Q</b>
Model / Cat No	Thermo MixerC / 9776902	N/Q	CHB-100	Thermo MixerC / 5382000015	N/Q	TS-100S	N/Q
Company	Eppendorf	N/Q	Bioer Serves Life	Eppendorf	N/Q	BioSan	N/Q
Country		N/Q	Japan	Germany	N/Q	Latvia	N/Q

4) High Voltage Power Supply	AMS	Lab Tree	Chemical House	Eco Biosciences	Lucky Lab	WWS	Briogene
<b>Estimated Cost PKR= 130,000</b>	<b>190942</b>	<b>N/Q</b>	<b>152,094</b>	<b>93,600</b>	<b>N/Q</b>	<b>N/Q</b>	<b>N/Q</b>
Model / Cat No	High Voltage P/S / 4006961	N/Q	PowerPac Hv Power / 1645056	Electrophoresis PS / EPS300X	N/Q	N/Q	N/Q
Company	Biostep	N/Q	Bio-Rad	CBS Scientific	N/Q	N/Q	N/Q
Country	Germany	N/Q	Singapore	USA	N/Q	N/Q	N/Q

*Nadir*  
**Dr. Nadir Naveed Siddiqui**  
 Scientific Officer  
 Dr. A.Q. Khan Institute of Biotechnology  
 and Genetic Engineering (KIBGE),  
 University of Karachi, Karachi.

*Gulzar*  
**Dr. Sadiqia Galani**  
 Assistant Professor  
 Dr. A. Q. Khan Institute of Biotechnology  
 and Genetic Engineering (KIBGE),  
 University of Karachi

*Dr. Aqeel*  
**Dr. Aqeel Ahmad Chishty**  
 Assistant Professor  
 Dr. A. Q. Khan Institute of Biotechnology  
 and Genetic Engineering (KIBGE),  
 University of Karachi.

1) Real Time PCR System	AMS	Lab Tree	Chemical House	Eco Biosences	Lucky Lab	WWS	Briogene
1. Peltier based Heating and cooling	YES	YES	YES	YES	N/Q	N/Q	No (Rotor based)
2. Peltier architecture: Honey comb structure for faster ramping	YES	YES	YES	YES	N/Q	N/Q	NO
3. The system should be 96 well block and 384 well upon up gradation	YES	No (no upgradation)	YES	YES	N/Q	N/Q	No (72 wells)
4. Sample Volume: 10-50uL	YES	YES	YES	No (10-30 uL)	N/Q	N/Q	No (5.0--)
5. Operating thermal range: 0-100 °C	YES	YES	YES	No (25-100°C)	N/Q	N/Q	No (Not mentioned)
6. Thermal accuracy: ±0.2 of programmed target at 90°C	YES	YES	YES	YES	N/Q	N/Q	YES
7. Thermal Uniformity: ±0.4 well-to-well within 10 sec of arrival at 90°C	YES	YES	YES	YES	N/Q	N/Q	YES
8. Optical Excitation Filters: 6 Filtered LEDs	YES	No (4 LEDs)	YES	YES	N/Q	N/Q	YES
9. Optical Detection Filters: 6 filtered photodiodes	YES	No (4 Photodiode)	YES	YES	N/Q	N/Q	YES
10. Wavelength Range: 450-730 nm	No (470-605)	No (470-670)	YES	No (460-665)	N/Q	N/Q	No (360-712)
11. Built in computer	YES	No (Not mentioned)	YES	YES	N/Q	N/Q	YES
12. Stand-alone system (Can be run without computer support)	YES	Yes	YES	YES	N/Q	N/Q	No (Not mentioned)
13. Instruments' Sensitivity: Detects 1 copy of target sequence in human genomic DNA	YES	Yes	YES	No (12 copies)	N/Q	N/Q	YES
14. Thermal gradient capable	YES	No (Not mentioned)	YES	No (Thermal Profile)	N/Q	N/Q	No (Not mentioned)
15. Programmable thermal gradient Span: 1-24 °C	YES	No (Not mentioned)	YES	No (Thermal Profile)	N/Q	N/Q	No (Not mentioned)
16. Multiplex Analysis: Up to 5 Targets per well	YES	No ( up to 4 targets)	YES	No (Not mentioned)	N/Q	N/Q	No (Not mentioned)
17. Chemistries: Dye based, Probe based and FRET	YES	No (Not mentioned)	YES	No (Dye, Probe, HRM)	N/Q	N/Q	No (PMT)
18. Maximum ramp rate, °C/sec: 2.5	YES	YES	YES	YES	N/Q	N/Q	No (10 °C)
19. Average ramp rate, °C/sec: 2	YES	YES	YES	YES	N/Q	N/Q	No (Not mentioned)
<b>Estimated Cost PKR= 4,500,000</b>	<b>4,272,635</b>	<b>2,650,000</b>	<b>5,001,750</b>	<b>3,744,000</b>	<b>N/Q</b>	<b>N/Q</b>	<b>3,200,600</b>
Model / Cat No.	qTower3G / 844005062	TL988-IV	CFX96 Touch / 1855196	AriaMx RT PCR / G8830A	N/Q	N/Q	Rotor Gene-Q / 9001590
Company	Analyticalsena	TIALONG	Bio-Rad	Agilent	N/Q	N/Q	Briogene
Country	Germany	China	Singapore	USA	N/Q	N/Q	Malaysia

*Mubin*  
Dr. Nadeem Naveed Siddiqui  
Scientific Officer

*Abdur*  
Dr. Sadique Galani  
Assistant Professor

*Abul*  
Dr. Arif Ali Chaudhry  
Assistant Professor



**The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE)**  
 University of Karachi  
**TENDER NOTICE NO. KIBGE/RP/SEQPT/16-02-16.**

2) Thermal Cycler	AMS	Lab Tree	Chemical House	Eco Biosciences	Lucky Lab	WWS	Briogene
1. Sample capacity: 96 x 0.2 ml tubes, 0.2 ml tube strips, or 1 x 96-well plate	YES	YES	YES	YES	YES	YES	N/Q
2. Maximum ramp rate, °C/sec: 4	YES	No (Not mentioned)	YES	YES	YES	YES	N/Q
3. Average ramp rate, °C/sec: 2.5	YES	No (Not mentioned)	YES	No (Not mentioned)	No (3:0)	No (Not mentioned)	N/Q
4. Temperature range: 4-100°C	YES	YES	YES	YES	YES	YES	N/Q
5. Temperature accuracy: ±0.5°C of programmed target	YES	YES	YES	YES	YES	YES	N/Q
6. Temperature uniformity: ±0.5°C well-to-well within 30 sec of arrival at target temperature	YES	No (Not mentioned)	YES	No (Not mentioned)	No (Not mentioned)	YES	N/Q
7. Display: 5-6" VGA color touch screen	YES	YES	YES	YES	No	No (Not mentioned)	N/Q
8. Memory: 500 typical programs; unlimited with USB flash drive expansion	YES	YES	YES	YES	No	YES	N/Q
Gradient	YES	YES	YES	No (Not mentioned)	YES	YES	N/Q
1. Gradient accuracy: ±0.5°C of programmed temperature	No (Not mentioned)	YES	YES	No (Not mentioned)	YES	No (Not mentioned)	N/Q
2. Row uniformity: ±0.5°C well-to-well (within row) within 30 sec	No (Not mentioned)	YES	YES	No (Not mentioned)	YES	No (Not mentioned)	N/Q
3. Gradient range: 30-100°C	YES	YES	YES	No (Not mentioned)	YES	No (Not mentioned)	N/Q
4. Temperature differential range: 1-25°C	No (Not mentioned)	YES	YES	No (Not mentioned)	No (1-20°C)	YES	N/Q
<b>Estimated Cost PKR=910,000</b>	<b>899,670</b>	<b>435,000</b>	<b>813,150</b>	<b>760,500</b>	<b>850,000</b>	<b>625,950</b>	<b>N/Q</b>
Model / Cat No	Biometra T Adv / 8462070201	MQ Thermal Cycler Gradient	T-100 Thermal Cycler	Abi Veriti 96 well / 4375786	Master Cycler ep G / 5341 000,019	Super Cycler	N/Q
Company	Analyticaljena	Molecule-On	Bio-Rad	Applied Bio Systems	Eppendorf	Kyratec	N/Q
Country	Germany	Newzealand	Singapore	Singapore	Germany	Australia	N/Q

*N. Usman*  
 Dr. Nadeem Naveed Siddiqui  
 Scientific Officer

*B. J. J. J.*  
 Dr. Sadiya Galani  
 Assistant Professor

*A. S. S.*  
 Dr. Arif  
 Assistant Professor

*A. S. S.*  
 Dr. Arif  
 Assistant Professor

The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE)  
 University of Karachi  
 TENDER NOTICE NO. KIBGE/RP/SEQPT/16-02-16.

3) Thermo Mixer	AMS	Lab Tree	Chemical House	Eco Biosences	Lucky Lab	WWS	Brigene
1. Basic Application : Heating/Mixing/Cooling	YES	N/Q	YES	YES	N/Q	YES	N/Q
2. Temperature: 15-100°C	YES	N/Q	YES	YES	N/Q	YES	N/Q
3. Lowest and Highest setting: 1°C/100°C	YES	N/Q	YES	YES	N/Q	No (4°C/100°C)	N/Q
4. Temperature Accuracy: ±0.5°C at 20-45°C	YES	N/Q	YES	YES	N/Q	No (±0.5°C at 37°C)	N/Q
5. Mixing frequency : 300 - 3,000 rpm	YES	N/Q	No (200-1500rpm)	YES	N/Q	No (250-1400 rpm)	N/Q
6. Cooling rate: Max. 2.5 °C/min between 100 °C and RT	YES	N/Q	No (Not mentioned)	YES	N/Q	No (5 °C/min)	N/Q
7. SmartBlock 1.5 to 2 ml	YES	N/Q	YES	YES	N/Q	No (Not mentioned)	N/Q
<b>Estimated Cost PKR= 610,000</b>	<b>662865</b>	<b>N/Q</b>	<b>555,750</b>	<b>610,000</b>	<b>N/Q</b>	<b>375,000</b>	<b>N/Q</b>
Model / Cat No	Thermo MixerC / 9776902	N/Q	CHB-100	Thermo MixerC / 5382000015	N/Q	TS-100S	N/Q
Company	Eppendorf	N/Q	Bioer Serves Life	Eppendorf	N/Q	BioSan	N/Q
Country		N/Q	Japan	Germany	N/Q	Latvia	N/Q

*Mulder*  
 Dr. Nadia Naseed Siddiqui  
 Scientific Officer

*Qasbi*  
 Dr. Sultana Qasbi  
 Assistant Professor

*Asif*  
 Dr. Ayub Ali Chaudhri  
 Assistant Professor



The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE)

University of Karachi

TENDER NOTICE NO. KIBGE/RP/SEQPT/16-02-16.

4) High-Voltage Power Supply for Electrophoresis	AMS	Lab Tree	Chemical House	Eco Biosences	Lucky Lab	WWS	Brigene
1. Output (programmable): Voltage 20-5,000 V, Current 0.01-500 mA, Power 1-400 W	No (300V, 3000mA, 300 W)	N/Q	YES	No (10-300V, 4-500mA, 90W)	N/Q	N/Q	N/Q
2. Type of output: Constant voltage, constant current, constant power, or constant temperature (with automatic crossover)	No	N/Q	YES	No	N/Q	N/Q	N/Q
3. Timer control: 1 min-99 hr 59 min, fully adjustable	YES	N/Q	YES	YES	N/Q	N/Q	N/Q
4. Volt-hour control	No	N/Q	YES	No	N/Q	N/Q	N/Q
5. Pause/resume function	No	N/Q	YES	No	N/Q	N/Q	N/Q
6. Automatic recovery after power failure: Yes, user-selectable; setup values maintained	No	N/Q	YES	No	N/Q	N/Q	N/Q
7. Data transfer/archiving	No	N/Q	YES	No	N/Q	N/Q	N/Q
8. Temperature control: via temperature probe; 30-90°C ±2°C	No	N/Q	YES	No	N/Q	N/Q	N/Q
9. Safety features: No-load detection, sudden load change detection, ground leak detection, overload/short circuit protection, overvoltage protection	YES	N/Q	YES	YES	N/Q	N/Q	N/Q
10. Number of output jacks at least 4 sets in parallel	YES	N/Q	YES	YES	N/Q	N/Q	N/Q
11. IQ/OQ protocols Yes	No	N/Q	YES	No	N/Q	N/Q	N/Q
<b>Estimated Cost PKR=130,000</b>	<b>190942</b>	<b>N/Q</b>	<b>152,094</b>	<b>93,600</b>	<b>N/Q</b>	<b>N/Q</b>	<b>N/Q</b>
Model / Cat No	High Voltage P/S / 4006961	N/Q	PowerPac Hv Power / 1645056	Electrophoresis PS / EPPS300X	N/Q	N/Q	N/Q
Company	Biostep Germany	N/Q	Bio-Rad Singapore	CBS Scientific USA	N/Q	N/Q	N/Q
Country	Germany	N/Q	Singapore	USA	N/Q	N/Q	N/Q

*Mulson*

*Dr. Nadeem Naveed Siddiqui*

*Scientific Officer*

*B. Yousuf*

*Dr. Saddam Hussain*

*Assistant Professor*

*Asif*

*Dr. Aziz Ali Chishti*

*Assistant Professor*



**The Karachi Institute of Biotechnology  
and Genetic Engineering (KIBGE)  
University of Karachi**



HEC Research Project

“Molecular analysis of the interplay between dextran and levan production from *Leuconostoc mesenteroides* for enhanced production of commercial grade dextran”

**Tender Opening Minutes**

Tender Notice No. KIBGE/RP/SEQPT/16-02-16 was opened on 16-02-2016 at 3:00 p.m.

Total 07 Numbers of bid(s) were submitted out of which 07 bid(s) was / were accepted and

00 bid(s) was / were rejected on Commercial Ground.

Dr. Nadir Naveed Siddiqui  
Principal Investigator / Scientific Officer  
Convener  
KIBGE

**Dr. Nadir Naveed Siddiqui**  
Scientific Officer  
Dr. A.Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi, Karachi.

Dr. Saddia Galani  
Assistant Professor  
Member  
KIBGE

**Dr. Saddia Galani**  
Assistant Professor  
Dr. A. Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi.

S. M. Arshad Hussain  
Purchase Officer

**S. M. ARSHAD HUSSAIN**  
Purchase Officer  
University of Karachi.



**The Karachi Institute of Biotechnology  
and Genetic Engineering (KIBGE)  
University of Karachi**



**Minutes of the Meeting of Technical Committee**

**HEC Research Project**

**“Molecular analysis of the interplay between dextran and levan production from  
*Leuconostoc mesenteroides* for enhanced production of commercial grade dextran”**

**TENDER NOTICE NO. KIBGE/RP/SEQPT/16-02-16.**

The meeting of Technical Committee for the purchase of scientific equipment has been held on March 15, 2016 at 02:00 pm in the KIBGE. The following recommendations for the purchase of equipment were made.

**1) Real Time PCR system:** The five (05) bids were received. The bid received from **M/s. Lab Tree** is technically rejected because they quoted 4 filtered system instead of the required 6 filtered LEDs and Photodiodes system. The bid received from **M/s. Briogene** is technically rejected on the basis of requirement of “96 well Peltier based system” while they quoted “Rotor based system”. The bid received from **M/s. Eco Biosciences** is technically rejected since they did not meet the required specification of (a) Operating Thermal Range (b) Instrument Sensitivity Deduction (c) Gradient Temperature (d) FRET Chemistry. The bid received from **M/s. Analytical Measuring Systems (Pvt.) Ltd.** is technically rejected because they did not provide the FRET modules of the required wavelength. After careful evaluation the committee has recommended that the tender may be awarded to **M/s. Chemical House** at **Rs. 5,001,750/-** as they meet our required specification.

**2) Thermal Cycler:** The six (06) bids were received. The bid received from **M/s. Lab Tree** is technically rejected because they did not provide the required specifications and literature of the equipment. Moreover they did not provide the client list, turn-over and other related documents which are required in the tender BOQ. The bid received from **M/s. WorldWide Scientific** is technically rejected because they did not provide the required specifications and literature of the equipment. Moreover they did not provide the client list, turn-over and other related documents which are required in the tender BOQ. The bid received from **M/s. Eco Biosciences** is technically rejected because they did not meet the required specification of Gradient Temperature. They provide the Veriflex Temperature. After careful evaluation the committee has recommended that the tender may be awarded to **M/s. Chemical House** at **Rs. 813,150/-** as they meet our required specification and are the lowest among all bidders.

**Purchase Committee, KIBGE, University of Karachi;**

Dr. Nadir Naveed Siddiqui  
Principal Investigator /  
Scientific Officer  
Convener, KIBGE

**Dr. Nadir Naveed Siddiqui**  
Scientific Officer  
Dr. A.Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi, Karachi.

Dr. Sadiya Galani  
Assistant Professor  
Member, KIBGE

**Dr. Sadiya Galani**  
Assistant Professor  
Dr. A. Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi.

S. M. Arshad Hussain  
Purchase Officer  
Member, University of  
Karachi

**S.M. ARSHAD HUSSAIN**  
Purchase Officer  
University of Karachi.

**3) Thermo Mixer:** The four (04) bids were received. The bid received from M/s. **WorldWide Scientific** and M/s. **Chemical House** is technically rejected because they did not meet the required specifications of Mixing Frequency (300-3000). After careful evaluation, the committee has recommended that the tender may be awarded to M/s. **Eco Biosciences** at Rs. **610,000/-** as they meet our required specification and are the lowest among all bidders.

**4) High-Voltage Power Supply for Electrophoresis:** The three (03) bid were received. The bid received from M/s. Eco Biosciences is technically rejected because they did not meet the required specifications of High Voltage 5,000 V. After careful evaluation the committee has recommended that the tender may be awarded to M/s. **Chemical House** at Rs. **152,094/-** as they meet our required specification and are the lowest among all bidders.

The above recommendations were made on the recommendation of the Technical Committee.

**Purchase Committee, KIBGE, University of Karachi;**



Dr. Nadir Naveed Siddiqui  
Principal Investigator /  
Scientific Officer  
Convener, KIBGE

**Dr. Nadir Naveed Siddiqui**  
**Scientific Officer**  
Dr. A.Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
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Assistant Professor  
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Karachi

**S.M. ARSHAD HUSSAIN**  
**Purchase Officer**  
**University of Karachi.**

Dr. A. Q. Khan Institute of Biotechnology & Genetic  
Engineering (KIBGE)  
University of Karachi

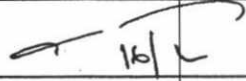
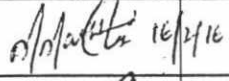
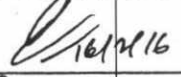
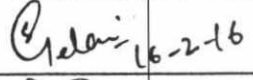
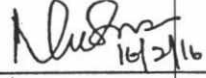
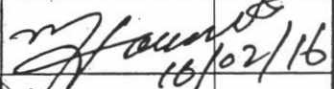
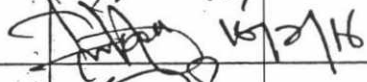

16-Feb-16

"PURCHASE OF EQUIPMENT"

Tender Notice No. KIBGE/RP/SEQPT/16-02-16

Subject: Tender Opening Committee

Attendance Sheet

S.No	Name	Designation	Signature
1	Prof. Dr. Abid Azhar	Director General	 16/2/16
2	<del>Mr. Tariq Kaleem</del>	<del>Director Finance</del>	
3	Mr. Jawed Hameed	Resident Auditor	 16/2/16
4	Mr. S. M. Arshad Hussain	Purchase Office	 16/2/16
5	Dr. Saddia Galani	Assistant Professor	 16-2-16
6	Dr. Nadir Naveed Siddiqui	Scientific Officer	 16/2/16
7	Mr. Muhammad Naveed Akhtar	Accounts Officer	 16/02/16
8	Mr. Imran Rafiq	Administrative Officer	 16/2/16
9	Mr. Qasim Iqbal Khan	Chief Accountant	 16/2/16

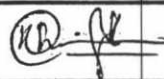
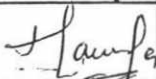


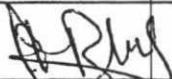
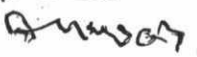

Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE).  
University of Karachi.

Tender Published in daily Jang and Dawn on January 24, 2016 and January 25, 2016.

Date: 16-02-2016

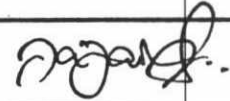
Tender Notice No. KIBGE/RP/SEQPT/16-02-16

Purchasing of Laboratory Equipment for HEC Research Project

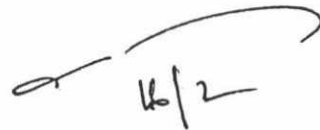
S. No.	Company Name	Name of Representative	Signature
1	M/S Analytical Measuring System	Khunam Shaked	
2	M/S Lab Tree	Hawza	
3	M/S Chemical House		
4	M/S Sure Bio Diagnostic	X	
	M/S Ecq Bioscience	ARJUN BILAL	
6	M/S Lucky Lab		
7	M/s World Wide Scientific	X	

M/s Briogene (Pvt) Ltd

Faizam Nasir

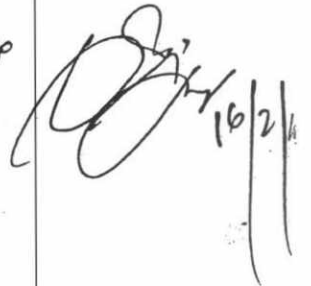


  
16/2/16

  
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Arslan  
16-2-16

Nasir  
16/2/16

  
16/2/16

  
16/02/16

  
16/02/2016

  
16/2/16





The Karachi Institute of Biotechnology  
and Genetic Engineering (KIBGE)  
University of Karachi



Minutes of the Meeting of Technical Committee

HEC Research Project

“Molecular analysis of the interplay between dextran and levan production from *Leuconostoc mesenteroides* for enhanced production of commercial grade dextran”

TENDER NOTICE NO. KIBGE/RP/SEQPT/16-02-16.

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Purchase Committee, KIBGE, University of Karachi;

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**Purchase Officer**  
**University of Karachi.**



**3) Thermo Mixer:** The four (04) bids were received. The bid received from M/s. WorldWide Scientific and M/s. Chemical House is technically rejected because they did not meet the required specifications of Mixing Frequency (300-3000). After careful evaluation, the committee has recommended that the tender may be awarded to M/s. Eco Biosciences at Rs. 610,000/- as they meet our required specification and are the lowest among all bidders.

**4) High-Voltage Power Supply for Electrophoresis:** The three (03) bid were received. The bid received from M/s. Eco Biosciences is technically rejected because they did not meet the required specifications of High Voltage 5,000 V. After careful evaluation the committee has recommended that the tender may be awarded to M/s. Chemical House at Rs. 152,094/- as they meet our required specification and are the lowest among all bidders.

The above recommendations were made on the recommendation of the Technical Committee.

**Purchase Committee, KIBGE, University of Karachi;**



Dr. Nadir Naveed Siddiqui  
Principal Investigator /  
Scientific Officer  
Convener, KIBGE

**Dr. Nadir Naveed Siddiqui**  
**Scientific Officer**  
Dr. A.Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi, Karachi.



Dr. Saddia Galani  
Assistant Professor  
Member, KIBGE

**Dr. Saddia Galani**  
Assistant Professor  
Dr. A. Q. Khan Institute of Biotechnology  
and Genetic Engineering (KIBGE),  
University of Karachi.



S. M. Arshad Hussain  
Purchase Officer  
Member, University of  
Karachi

**S.M. ARSHAD HUSSAIN**  
**Purchase Officer**  
**University of Karachi.**



**Minutes of the Meeting of Technical Committee**

**HEC Research Project**

**“Molecular analysis of the interplay between dextran and levan production from  
*Leuconostoc mesenteroides* for enhanced production of commercial grade dextran”**

**TENDER NOTICE NO. KIBGE/RP/SEQPT/16-02-16.**

The meeting of Technical Committee for the purchase of scientific equipment has been held on March 15, 2016 at 02:00 pm in the KIBGE. The following members attend the meeting;

1. Dr. Nadir Naveed Siddiqui
2. Dr. Saddia Galani
3. Dr. Arif Ali Chishti

The agenda of the meeting is to review the bids technically and make recommendations for the purchase of equipment.

**1) Real Time PCR system:** The Five (05) companies quoted the Real Time PCR machine. In first meeting the committee unanimously decided to write a letter to four out of five companies which had not mentions the specifications or clarification regarding the information provide in BOQ (Letters Attached).

In response to committee queries, two (02) companies submitted their clarification as follows:

- A. The M/s. Analytical Measuring Systems (Pvt.) Ltd agreed to provide required color modules but they did not include the FRET modules in quoted amount of PKR 4,272,635/- as per requirement of the BOQ. They also provided a list where the subjected equipment has been installed.
- B. The M/s. Chemical House clarified that their quoted. Real Time PCR is 100% compliance to the specification required in tender BOQ by their organization. They mentioned that their system used for all type of chemistries i.e. Dye based, Probe based, FRET and HRM.

**Recommendation of Committee on Real Time PCR:**

i) **M/s. LabTree:** Out of the five companies, M/s. Lab Tree is the 1<sup>st</sup> lowest, but is rejected because they did not provide the required specifications and literature of the equipment. Moreover they did not provide the client list, turn-over and other related documents which are required in the tender BOQ.

ii) **M/s. Briogene:** Out of the five companies, M/s. Briogene is the 2<sup>nd</sup> lowest but it is rejected on the basis of requirement of “96 well Peltier based system” while they quoted “Rotor based system”.

2680  
25/7

RECEIVED  
21/3  
University of Karachi

LabTree  
15/3/16

Galani  
15/3/16

15/3/16

ADMISSION  
2016  
2016-03-15

iii) **M/s. Eco Biosciences:** The M/s. Eco Biosciences is the 3<sup>rd</sup> lowest but did not meet the required specification of (a) Operating Thermal Range (b) Instrument Sensitivity Deduction (c) Gradient Temperature (d) FRET Chemistry, therefore the bid has been rejected.

iv) **M/s. Analytical Measuring Systems (Pvt.) Ltd.:** M/s. Analytical Measuring Systems (Pvt.) Ltd. is the 4<sup>th</sup> lowest. In response to our letter no. KIBGE/SO/NNS-003/7/3/2016 dated March 7, 2016, they replied on March 11, 2016. Against the query (b) of the Real Time PCR, they did not provide the FRET modules of the required wavelength in quoted amount. Moreover the Technical Committee discussed and review the progress of already installed subject equipment in Pakistan. It was found that the Real time PCR quoted by AMS (qTower<sup>3</sup> G Touch, Analytik Jena, Germany) has not been installed in Pakistan or any other country mentioned in the provided list, till date, so it would not be possible to invest an amount in this type of equipment on experimental basis. Furthermore, technical committee also reviewed scientist's recommendations and evaluations regarding Real-Time PCR provided on several social networking sites and personal communications to different scientists all over the world. Hence decided to reject the bid.

v) **M/s. Chemical House:** It is the highest among the five bids but the technical committee decided to award the tender of Real Time PCR machine to the M/s. Chemical House who quoted Bio-Rad on following basis;

1. M/s. Chemical House fulfils our requirements and it is a very well reputed company which has local sales representatives and easily available trouble shooting.
2. Quoted machine were installed in several research institutes and universities all over Pakistan (List attached).
3. Quoted machine is very well optimized and does not need to be calibrated all the time while using other reagents / kits.
4. The quoted machine contained Dye, Probe, FRET and HRM chemistries.
5. This machine and software are more user friendly compared to others quoted products.

2) **Thermal Cycler:** The Six (06) companies quoted the Thermal Cycler machine. In first meeting the committee unanimously decided to write a letter to five out of six companies (Letters Attached) which were lacking in the tender BOQ and tender documents for providing the required information and to get written clarification from them.

In response to committee queries, only (02) companies submitted their clarification as follows:

- A. The M/s. Analytical Measuring Systems (Pvt.) Ltd provided required specifications which are required in tender BOQ.
- B. The M/s. Lucky Lab quoted equipment is not touch screen which are required in the tender BOQ. They provided the client list where the subjected equipment has been installed.

#### Recommendation of Committee on Thermal Cycler:

i) **M/s. LabTree:** Out of the six companies, M/s. Lab Tree is the 1<sup>st</sup> lowest, but is rejected because they did not provide the required specifications and literature of the equipment.

Moreover they did not provide the client list, turn-over and other related documents which are required in the tender BOQ.

ii) **M/s. WorldWide Scientific:** Out of the six companies, M/s. WorldWide Scientific is the 2<sup>nd</sup> lowest, but is rejected because they did not provide the required specifications and literature of the equipment. Moreover they did not provide the client list, turn-over and other related documents which are required in the tender BOQ.

iii) **M/s. Eco Biosciences:** The M/s. Eco Biosciences is the 3<sup>rd</sup> lowest but did not meet the required specification of Gradient Temperature. They provide the Veriflex Temperature, therefore the bid has been rejected.

iv) **M/s. Chemical House:** The M/s. Chemical House is the 4<sup>th</sup> lowest and meet the all required specifications and therefore selected.

**3) Thermo Mixer:** Three companies (03) quoted the prices of the instrument Thermo Mixer.

**Recommendation of Committee on Thermal Cycler:**

i) **M/s. Chemical House:** Out of the three companies, the M/s. Chemical House is the 1<sup>st</sup> lowest but did not meet the required specifications of Mixing Frequency(300-3000), therefore rejected.

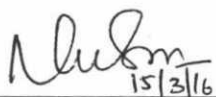
ii) **M/s. Eco Biosciences:** The M/s. Eco Biosciences is the 2<sup>nd</sup> lowest and meet the all required specifications and therefore selected.

**4) High-Voltage Power Supply for Electrophoresis:** Three companies (03) quoted the prices of the instrument High-Voltage Power Supply for Electrophoresis.

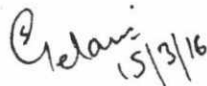
**Recommendation of Committee on High-Voltage Power Supply for Electrophoresis:**

i) **M/s. Eco Biosciences:** The M/s. Eco Biosciences is the 1<sup>st</sup> lowest but did not meet the required specifications of High Voltage 5,000 V, therefore rejected.

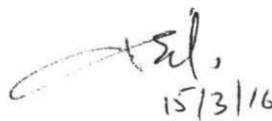
ii) **M/s. Chemical House:** The M/s. Chemical House is the 2<sup>nd</sup> lowest and meet the all required specifications and therefore selected.

  
15/3/16

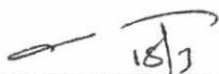
**Dr. Nadir Naveed Siddiqui**  
Scientific Officer  
Member

  
15/3/16

**Dr. Saddia Galani**  
Assistant Professor  
Member

  
15/3/16

**Dr. Arif Ali Chishti**  
Assistant Professor  
Member

  
15/3

**Prof. Dr. Abid Azhar**  
Director General  
KIBGE

  
**Vice Chancellor, UoK /**  
Chairman, Governing  
Council, KIBGE

**K.I.B.G.E DISPATCH**  
S.No.: 266  
Date: 21/05/2017