



**UNIVERSITY OF SINDH, JAMSHORO**  
**CENTRAL SCIENTIFIC STORE**



Professor Incharge  
Prof.Dr. Khalil-ur-Rehman Khoubati

No.C.Sci.Store/ 678  
Dated.20/02/2018

**Subject: Publication of Tender Notice.**

**Submitted:**

That the requirement of Chemicals, Glasswares, Sports Materials and Scientific Equipments from all departments / Institutes has been collected for the financial year 2017-2018.

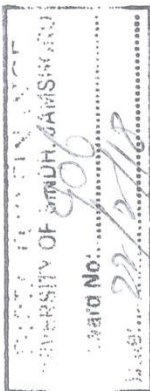
Under SPPRA rules 2010 (Amended 2013 updated later on) Tender Notice to be floated in 3 National Level Newspaper, SPPRA website and Sindh University's own website as well.

In compliance of the rules it is requested that permission may be accorded for publication of said Tender Notice in following daily Newspapers and hoisting on SPPRA website and Sindh University website:

1. Daily Dawn, Karachi (National Edition)..... (English)
2. Daily Kawish Hyderabad/OR.....(Sindhi)
3. Daily Jang, Karachi/OR.....(Urdu)

4. *Sobh Daily* (Handwritten)

1740  
26/2/18



**Prof. Dr. Khalir-ur-Rehman Khoubati**  
Professor Incharge,  
Central Scientific Store.

**Prof. Dr. Akhtar Hussain Mughal,**  
Dean, Faculty of Natural Sciences.

**Director Finance,**  
University of Sindh.

**Prof. Dr. Fateh Muhammad Burfat**  
Vice Chancellor.

22/02/2018 12:11  
Forward No. 1805



UNIVERSITY OF SINDH, JAMSHORO  
CENTRAL SCIENTIFIC STORE



Professor Incharge  
Prof. Dr. Khalil-ur-Rehman Khoumbati

No. C.Sci.Store/676  
Dated. 22/02/2018

To,  
The Vice Chancellor,  
University of Sindh, Jamshoro.

Through The Dean, Faculty of Natural Sciences.

**Subject: Request for Permission to start the tender process as per approved budgetary Provision for the year 2017-2018, under the Head of Annual allocation for Chemicals, Glasswares, Sports Materials and Scientific Equipments etc. for the financial year 2017-2018.**

Dear Sir,

The new Academic Session 2018 has been started and annual demands from campuses/Faculties/ Institutes/ Centers/ Departments/ Sections will arise accordingly.

As per section 11 of Sindh Public Procurement Rules 2010, we have chalk out procurement plan within available resources. The copy of allocation approved by Syndicate and provided by Director Finance, University of Sindh is enclosed herewith for your kind perusal.

In this regard you are requested to accord permission to start the process the tender (Under the Head of Annual allocation for Chemicals, Glasswares, Sports Materials and Scientific Equipments etc. for the financial year 2017-2018) as per SPPRA rules. After completing tender process whole document of procurement of all items will be submitted to the Vice Chancellor for consideration and final Approval.

Yours faithfully

Prof. Dr. Khalil-ur-Rehman Khoumbati,  
Professor Incharge

Prof. Dr. Akhtar Hussain Mughal  
Dean, Faculty of Natural Sciences.

Director Finance  
University of Sindh, Jamshoro

Prof. Dr. Fateh Muhammad Burfat,  
Vice Chancellor  
University of Sindh, Jamshoro

Director Finance,  
University of Sindh, Jamshoro  
No. 1739 dated 26/2/18

DIRT  
UNIVERSITY OF SINDH  
Outward No. 905  
Date: 22/2/18

22/02/2018 12:09  
Forward No. VCI/1804



**UNIVERSITY OF SINDH, JAMSHORO**  
**CENTRAL SCIENTIFIC STORE**



Professor Incharge  
Prof.Dr. Khalil-ur-Rehman Khoumbati

**Notice Inviting Tender**

Sealed tenders are invited from suppliers / firms/ Sole Agents/ Manufacturers, meeting eligibility criteria viz having registration with FBR for Income tax, Sales Tax (in case of procurement of goods) and registration with Sindh Revenue Board (SRB) (in case of procurement of works and Services) for procurement of Chemicals, Glasswares, Scientific Equipment and Sports Materials. Tender schedule for supply of equipments for University of Sindh, Jamshoro as under:

Name of work	Tender fee	Method	Bid Validity	Bid Security	Dated of Issuing Tender	Date of Submission of Tender	Time and Date of opening of Tender	Place of Tender Opening.
(A) Chemicals, Glasswares etc.	Rs.2000.00	Single stage one envelope	90 days	2% of bid price	From 9.3.2018.	Up to 29.3.2018	29.3.2018	Office of Dean, Faculty of Natural Sciences, University of Sindh, Jamshoro
(B) Scientific Equipments, Sports Materials	Rs.2000.00	Single stage one envelope			Up to 29.3.2018.	12:00 Noon	1:00 P.M	

The tender documents can be obtained on payment of tender fee (Non-refundable) in the form of Pay order or Demand Draft in favor of **University of Sindh, Jamshoro** during the period mentioned above from the office of the Professor Incharge, Central Scientific Store @ Institute of Information and Communication Technology, University of Sindh, Jamshoro or downloaded from SPPRA website and submitted with tender fee as mentioned above. The bidder may submit bids on bidding documents in official format issued by the University of Sindh, Jamshoro or downloaded from the website of SPPRA.

Tenders will be opened on the date, time and venue as mentioned above, before all bidders / suppliers who may wish to be present in presence of procurement committee. Any conditional tender or a tender without the bid security will not be considered in the competition process.

The University of Sindh as procuring agency reserves the right to reject any or all bids subject to the provision of SPPRA rules 2010 and (amended up-to-date) and may cancel bidding process at any time prior to the acceptance of bid or proposal under rule 25 or said rules. The successful bidders have to sign the integrity pact as per SPPRA rules 89 (amended up-to-date).

**Professor Incharge,**  
Central Scientific Store.



**UNIVERSITY OF SINDH, JAMSHORO**  
**CENTRAL SCIENTIFIC STORE**



Professor Incharge  
Prof.Dr. Khalil-ur-Rehman Khoumbati

No.C.Sci.Store/697  
Dated. 9/31.2018

To,  
Managing Director (A&F),  
Sindh Public Procurement Regulatory Authority,  
Block No.8.Sindh Secretariat No.4-A, Court Road, Karachi.

**Subject: Floating of Tender Notice on SPPRA website-Tender for Chemicals, Glasswares, Scientific Equipments and Sports materials for the University of Sindh for the year 2017-2018.**

Dear Sir,  
An approved draft "Notice Inviting Tender" and approval of the tender Publication for the purchase of Chemicals, Glasswares, Scientific Equipments and Sports materials are enclosed. You are requested to upload at SPPRA website.

Regards.

Yours faithfully,

**Professor Incharge.**  
**Central Scientific Store,**  
**University of Sindh, Jamshoro.**

**Encl:**

1. Approval (Photocopy)
2. Notice Inviting Tender.
3. Tender Documents (Chemicals, Glasswares + Scientific Equipments + Sports Materials).
4. Annual Procurement Plan.
5. Notification of Procurement Committee.
6. Notification of Redressal Committee.
7. Newspaper cutting
8. CD.
9. Tender fee 2000/-
10. Budget copy.

Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.



Cheque No. 00009746

SINDH URI, NEW CAMPUS, JAMSHOR SINDH UNIVERSITY JAMSHORO

Date 6-3-2018

Pay Director A.F. SPPRA Karachi or bearer  
Rupees Two thousand only PKR 2000/-

PK94 HABB 0000720040001001  
RECURRING A/C SINDH UNIVERSITY  
Please do not write below this line

BORSAR DEPUTY REGISTRAR (Teach.)  
UNIVERSITY OF SINDH, JAMSHORO  
Signature

⑈00009746⑈0540072⑈0000720040001001⑈000⑈

**Note:** All bidders should quote the original and Exact Brands.

روزاني سوپ ڪراچي (7) خميس 08 مارچ 2018 ع



# UNIVERSITY OF SINDH, JAMSHORO

## CENTRAL SCIENTIFIC STORE

### ٽينڊرز گهريل آهن

ڪيميڪلن گلاس ويئر، سائنسفڪ ايڪوئپمينٽ ۽ اسپورٽس مٽيريل جي خريداري جي لاءِ انڪر ٽيڪس، سيلز ٽيڪس جي لاءِ فيڊبل بورڊ آف روينيو (ايف بي آر) مان (شين جي خريداري جي صورت ۾) ۽ سنڌ روينيو بورڊ (ايس آر بي) مان (ڪمن ۽ خدمتن جي حصول جي صورت ۾) رجسٽريشن جي حامل سيلائيز/فرمز/سول ايجنٽس ۽ مينوفڪچررز جيڪي معيار تي پورا لهندڙ هيٺ ڪان مهريڊ ٽينڊرز گهريل آهن. يونيورسٽي آف سنڌ، ڄامشورو جي لاءِ ايڪوئپمينٽس جي فراهمي جي خاطر ٽينڊرز شيڊيول هيٺ درج آهي:

Name of Work	Tender Fee	Method	Bid Validity	Bid Security	Date of Issuing Tender	Date of Submission of Tender	Time and Date of opening of Tender	Place of Tender Opening
(A) Chemicals, Glasswares etc.	Rs. 2,000/-	Single Stage one envelope	90 days	2% of bid price	From 09-03-2018 up to 29-03-2018	Up to 29-03-2018 12:00 noon	29-03-2018 1:00 pm	Office of Dean, Faculty of Natural Sciences, University of Sindh, Jamshoro
(B) Scientific Equipments, Sports Materials	Rs. 2,000/-	Single Stage one envelope						

ٽينڊرز دستاويز مٿي بيان ڪيل ملڪي ۽ پرڻو فيسر انچارج، سينٽرل سائنسفڪ اسٽور، انسٽيٽيوٽ آف انفارميشن اينڊ ڪميونيڪيشن ٽيڪنالاجي، يونيورسٽي آف سنڌ، ڄامشورو جي دفتر مان ٽينڊرز فيس (ٽائيل ڊايسي) جي ادائگي يونيورسٽي آف سنڌ، ڄامشورو جي نالي تي آڏو يا ڊيمانڊ پرافٽ جي صورت ۾ ادائگي عيوض حاصل ڪري سگهجن ٿا يا SPPRA جي ويب سائيٽ تان ڊائون لوڊ ڪري مٿي ڄاڻايل ٽينڊرز فيس جي ادائگي تي جمع ڪرائي سگهجن ٿا. آڇ ٿيندڙن کي آڇون، يونيورسٽي آف سنڌ، ڄامشورو جي چاري ڪيل يا SPPRA جي ويب سائيٽ تان ڊائون لوڊ ڪيل آڇ دستاويزن تي دستخطي فارميٽ جي مطابق جمع ڪرائڻ گهرجن.

ٽينڊرز مٿي ڄاڻايل تاريخ، وقت ۽ هنڌ تي پروڪيورمينٽ ڪاميٽي جي موجودگي ۾ موجود رهڻ جي خواهشمند مڙڻي آڇ ٿيندڙن/سيلائيز جي سامهون ڪوليا ويندا. ڪنهن مشروط ٽينڊرز يا سوتي رقم کانسواءِ ٽينڊرز کي آڇ ۾ شامل نه سمجهيو ويندو.

يونيورسٽي آف سنڌ بطور پروڪيورنگ ايجنسي ايس بي آر اي رولز 2010 (تازو ترين ترميم ٿيل) جي مطابق ڪنهن هڪ يا مڙڻي آڇن کي رد ڪرڻ جو حق محفوظ رکي ٿي ۽ ذڪر ڪيل رولز يا رول-25 جي تحت ڪنهن آڇ يا تجويز جي قبوليت کان پهرين ڪنهن وقت به آڇ منسوخ ڪري سگهي ٿي. ڪامياب آڇ ٿيندڙ کي SPPRA رولز 89 (تازو ترين ترميم ٿيل) جي مطابق ڊيٽائڊري جي معاهدي (Integrity Pact) تي دستخط ڪرڻا هوندا.

پروفيسر ڊاڪٽر خليل الرحمان کومبائي

پروفيسر انچارج، سينٽرل سائنسفڪ اسٽور

PID(H) 100584/2018

Tel & Fax: 0229213203, www.usindh.edu.pk (css.usindh@gmail.com)

روزنامہ جنگ کراچی جمعرات 8 مارچ 2018ء



## UNIVERSITY OF SINDH, JAMSHORO CENTRAL SCIENTIFIC STORE

### ٹینڈرز مطلقاً وبھین

کمیکلز، گلاس ویئر، سائنٹفک اینڈ سپورٹس میٹریل کی خریداری کیلئے ایک ٹینڈر، سٹریٹجکس کیلئے فیڈرل بورڈ آف ریونیو (ایف بی آر) سے (اشیا کی خریداری کی صورت میں) اور سندھ ریونیو بورڈ (ایس آر بی) سے (امور اور خدمات کے حصول کی صورت میں) رجسٹریشن کے حامل سپلائرز اور فراہم کنندگان کو سول ایجنٹس اور میڈیکل سپلائرز جو معیار پر پورا اترتے ہوں سے سربراہ ٹینڈرز مطلوب ہیں۔ یونیورسٹی آف سندھ، جامشورو کیلئے ایک پیکٹس کی فراہمی کی خاطر ٹینڈرز شپڈل درج ذیل ہے:

Name of Work	Tender Fee	Method	Bid Validity	Bid Security	Date of Issuing Tender	Date of Submission of Tender	Time and Date of opening of Tender	Place of Tender Opening
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(B) Scientific Equipments, Sports Materials	Rs. 2,000/-	Single Stage one envelope						

ٹینڈرز دستاویزات اور پر بیان کی گئی مدت میں پروفیسر انچارج، سینٹرل سائنٹفک اسٹور، انٹینیٹیٹ آف انفارمیشن اینڈ کیٹیکشن ٹیکنالوجی، یونیورسٹی آف سندھ، جامشورو کے دفتر سے ٹینڈر فیس (ناقابل واپسی) کی ادائیگی پیش کیے آؤر یا ڈیپازٹ ڈرافٹ بنام یونیورسٹی آف سندھ، جامشورو کے عوض حاصل کی جاسکتی ہیں یا SPPRA کی ویب سائٹ سے ڈاؤن لوڈ کر کے درج بالا ٹینڈر فیس کی ادائیگی پر جمع کی جاسکتی ہیں۔ بولی دہندگان کو بولیاں یونیورسٹی آف سندھ، جامشورو کی جاری کردہ یا SPPRA کی ویب سائٹ سے ڈاؤن لوڈ کردہ بولی دستاویزات پر دفتر کی فارمیٹ کے مطابق جمع کروانی چاہئیں۔ ٹینڈرز درج بالا تاریخ، وقت اور مقام پر پریکٹس کی موجودگی میں موجود رہنے کے خواہشمند تمام بولی دہندگان / سپلائرز کے سامنے کھولے جائیں گے۔ کسی مشروط ٹینڈر یا غیر ری بیجانہ والے ٹینڈر کو بولی میں شامل نہیں سمجھا جائے گا۔

یونیورسٹی آف سندھ پبلور پروکوریٹنگ ایجنسی ایس بی آئی آر اے زڈ 2010ء (تازہ ترین ترمیم شدہ) کے مطابق کسی ایک یا تمام بولیوں کو مسترد کرنے کا حق محفوظ رکھتی ہے اور مذکورہ زڈ 25 کے تحت کسی بولی یا پیکٹس کی قبولیت سے پہلے کسی بھی وقت بولی منسوخ کر سکتی ہے۔ کامیاب بولی دہندہ کو SPPRA زڈ 89 (تازہ ترین ترمیم شدہ) کے مطابق دیانتداری کے معاہدے (Integrity Pact) پر دستخط کرنا ہوں گے۔

پروفیسر ڈاکٹر خلیل الرحمن کھوسو، سیکریٹری  
پروفیسر انچارج، سینٹرل سائنٹفک اسٹور

DAWN FRIDAY MARCH 9, 2018



**UNIVERSITY OF SINDH, JAMSHORO**  
**CENTRAL SCIENTIFIC STORE**

**NOTICE INVITING TENDER**

Sealed tenders are invited from suppliers/firms/Sole Agents/Manufacturers, meeting eligibility criteria viz having registration with FBR for Income tax, Sales Tax (in case of procurement of goods) and registration with Sindh Revenue Board (SRB) (in case of procurement of works and Services) for procurement of Chemicals, Glasswares, Scientific Equipment and Sports Materials. Tender schedule for supply of equipments for University of Sindh, Jamshoro is as under:

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(B) Scientific Equipments, Sports Materials	Rs. 2,000/-	Single Stage one envelope						

The tender documents can be obtained on payment of tender fee (Non-refundable) in the form of Pay order or Demand Draft in favor of **University of Sindh, Jamshoro** during the period mentioned above from the office of the Professor Incharge, Central Scientific Store at Institute of Information and Communication Technology, University of Sindh, Jamshoro or downloaded from SPPRA website and submitted with tender fee as mentioned above. The bidder may submit bids on bidding documents in official format issued by the University of Sindh, Jamshoro or downloaded from the website of SPPRA.

Tenders will be opened on the date, time and venue as mentioned above, before all bidders/suppliers who may wish to be present in presence of procurement committee. Any conditional tender or a tender without the bid security will not be considered in the competition process.

The University of Sindh as procuring agency reserves the right to reject any or all bids subject to the provision of SPPRA rules 2010 and (amended up-to-date) and may cancel bidding process at any time prior to the acceptance of bid or proposal under rule 25 or said rules. The successful bidders have to sign the integrity pact as per SPPRA rules 89 (amended up-to-date).

**Prof. Dr. Khalil-ur-Rehman khoumbati**  
 Professor Incharge, Central Scientific Store

PIDH/100584/2018

Tel & Fax: 0229213203, Website: www.usindh.edu.pk, Email: usindh@usindh.edu.pk, usindh@gmail.com





REGISTRAR

# UNIVERSITY OF SINDH

ALLAMA I. I. KAZI CAMPUS, JAMSHORO SINDH, PAKISTAN

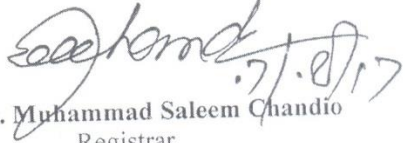
NO:SU/G/PROCUMENT-PF/ 84  
DATED: 07.08.2017

## NOTIFICATION

The Vice-Chancellor, University of Sindh, Jamshoro is pleased to constitute the Complaint

Redressal Committee, Central Scientific Store, consisting of the following;

1. Prof. Dr. Fateh Muhammad Burfat  
Vice-Chancellor,  
University of Sindh, Jamshoro  
Convener
2. Prof. Dr. Bhavani Shankar Chowdhary  
Dean, Faculty of Electrical Electronics  
and Computer Engineering  
Mehran University of Engineering & Technology  
Member
3. Mr. Mushtaque Ahmed Memon  
Financial Expert,  
University of Sindh, Jamshoro  
Member

  
Prof. Dr. Muhammad Saleem Chandio  
Registrar

Copy to all concerned:



# UNIVERSITY OF SINDH

ALLAMA I. I. KAZI CAMPUS, JAMSHORO SINDH, PAKISTAN

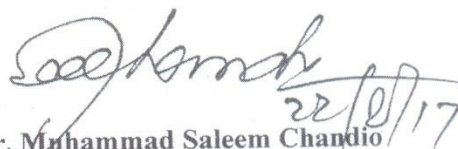
REGISTRAR

NO:SU/G/PROCUMENT-PF/843  
DATED: 07.08.2017

## NOTIFICATION

The Vice-Chancellor, University of Sindh, Jamshoro is pleased to constitute the Procurement Committee for Central Scientific Store, consisting of the following;

- |  |                   |
|--|-------------------|
| 1. Prof. Dr. Akhtar Hussain Mughal<br>Dean, Faculty of Natural Sciences  | Convener          |
| 2. Prof. Dr. Syed Farman Ali Shah<br>Chairman, Dept. of Chemical Engineering,<br>Mehran University of Engineering & Technology | Member            |
| 3. Prof. Dr. Allah Bux Ghanghro<br>Director, Institute of Biochemistry<br>University of Sindh, Jamshoro                        | Member            |
| 4. Dr. Sheeraz Memon<br>Chairman, Dept. of Computer Systems Engineering<br>Mehran University of Engineering & Technology       | Member            |
| 5. Dr. Riaz Hussain Mari<br>Associate Professor,<br>Institute of Physics   | Member            |
| 6. Dr. Fida Hussain Chandio<br>Associate Professor, IMCS<br>University of Sindh, Jamshoro                                      | Member            |
| 7. Mr. Azar Akbar Memon<br>IT Incharge, LUMHS, Jamshoro  | Member            |
| 8. Director Finance<br>University of Sindh, Jamshoro   | Member            |
| 9. Prof. Dr. Khalil-ur-Rehman Khoubati<br>Professor Incharge, Central Scientific Store<br>University of Sindh, Jamshoro        | Member/ Secretary |

  
22/07/17  
Prof. Dr. Muhammad Saleem Chandio  
Registrar

Copy to all concerned:

Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.


UNIVERSITY OF SINDH

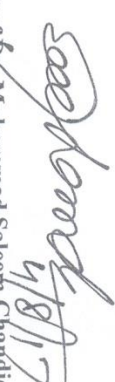
BUDGET 2017-18

SCIENTIFIC EQUIPMENTS, CHEMICALS & GLASS WARE AND LABORATORY EQUIPMENT'S  
ALLOCATION 2017-18

		Rs. in Million
S. NO.	NAME OF INSTITUTE / DEPARTMENT	AMOUNT
1.	Faculty of Arts	1.500
2.	Dr. M.A Kazi Institute of Chemistry	1.500
3.	Institute of Bio-chemistry	0.720
4.	Institute of Physics	0.720
5.	Institute of Information & Communication Technology	2.250
6.	Institute of Mathematics & Computer Science	1.980
7.	Institute of Plant Sciences	0.540
8.	Department of Micro Biology	0.540
9.	Department of Physiology	0.540
10.	Centre for Pure & Applied Geology	1.720
11.	Department of Zoology	0.900
12.	Department of Statistics	0.450
13.	Department of Geography	0.360
14.	Department of Psychology	0.270
15.	Institute of Arts & Design	1.000
16.	Department of Fresh Water Biology	0.270
17.	Faculty of Pharmacy	3.000
18.	Faculty of Education	0.900
19.	Institute of Women Development Studies & Home Economics	0.270
20.	Institute of Business Administration	1.620
21.	Institute of Commerce	0.450
22.	Department of Management Sciences	0.234
23.	Institute of Bio-Technology & Genetic Engineering	0.432
24.	Centre of Health & Physical Education	0.234
25.	Allama I. I. Kazi Multimedia Equipment	0.432
26.	Institute of Advanced Research Studies in Chemical Sciences	0.900
27.	Centre for Environmental Sciences	0.396
28.	Medical Laboratory Physics	1.800
29.	Communication Skill Development, Faculty of Arts.	0.900
30.	Badin Campus	0.600
31.	Mirpurkhas Campus	0.600
32.	Dadu Campus	0.600
33.	Larkana Campus	0.600
34.	Thatta Campus	0.600
35.	Naushero Feroz Campus	0.600
36.	Dept of Copmarative Religion & Islamic Culture and Muslim History	0.180
37.	Lump Sum Provision	6.112
<b>G.Total</b>		<b>36.720</b>

Sr.	Description of Procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost	Funds allocated	Source of funds (ADP/N on ADP)	Proposed procurement method	Timing of procurements				Remarks	
								1 <sup>st</sup> Qtr.	2 <sup>nd</sup> Qtr.	3 <sup>rd</sup> Qtr.	4 <sup>th</sup> Qtr.		
5.	Repair of Scientific Equipments	Various Scientific Equipments			5 Million		Single Stage Single Envelope	July Sept 2017					
6.	Air Conditioners, Refrigerators etc	20 A.Cs 10 Dispensers 05 Refrigerators			2 Million		Single stage Two envelope	July Sept 2017					

  
 4-8-2017  
 Professor Incharge  
 Central Scientific Store  
 Jamshoro  
 University of Sindh, Jamshoro

  
 Prof. Dr. Muhammad Saleem Chandio  
 Registrar  
 University of Sindh  
 JAMSHORO.



ANNUAL PROCUREMENT PLAN FOR UNIVERSITY OF SINDH, JAMSHORO

Office of the Professor Incharge Central Scientific Store

(GOODS)

Financial Year 2017-2018

Sr.	Description of Procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost	Funds allocated	Source of funds (ADP/N on ADP)	Proposed procurement method	Timing of procurements				Remarks	
								1 <sup>st</sup> Qtr.	2 <sup>nd</sup> Qtr.	3 <sup>rd</sup> Qtr.	4 <sup>th</sup> Qtr.		
1.	Desktop Computers, Laptop, Multimedia Projectors, UPS, Laser Printers and Computer Accessories	Desktop computer + Laptops 200, Multimedia projectors 50, Printers 50, Photocopier machines 06, Scanner 10			18.32066667 Million		Single Stage Two Envelope	July Sept 2017					
2.	Scientific Equipments	N.A			7.48066667 Million		Single Stage Single Envelope				Jan. March 2018		
3.	Chemicals, Glass wares etc.	N.A			10.64866667 Million		Single Stage Single Envelope				Jan. March 2018		
4.	Sport material	Boxing and other Sport Materials			1.5 Million		Single Stage Single Envelope	July Sept 2017					

Prof. Dr. Khalil-ur-Rahman Khoumbari Incharge  
Central Scientific Store  
Jamshoro

8.2.17

Prof. Dr. Muhammad Saleem Chandio  
REGISTRAR  
JAMSHORO



**UNIVERSITY OF SINDH, JAMSHORO**  
**CENTRAL SCIENTIFIC STORE**



Professor Incharge  
Prof.Dr. Khalil-ur-Rehman Khoumbati

No.C.Sci.Store/ 362  
Dated. 10/8/2017

To,

Mr. Muhammad Ayub Ali Khan  
Deputy Director (A&F),  
Sindh Public Procurement Regulatory Authority  
Block-8, Sindh Secretariat No. 4-A,  
Court Road, Karachi.

**Subject: Annual Procurement Plan 2017-2018.**

According to SPPRA Rules 11 and 12, I am enclosing herewith the annual procurement plan of central scientific store, University of Sindh for the financial year 2017-2018 to host on SPPRA website.

Your cooperation in this regard will be highly appreciated.

Regards,  
Yours Faithfully,

**(Prof.Dr. Khalil-ur-Rehman Khoumbati)**  
**Professor Incharge,**  
**Central Scientific Store,**  
**University of Sindh, Jamshoro**

- c.c: 1. The Dean, Faculty of Natural Sciences, U.o.S, Jamshoro.  
2. The Director Finance, University of Sindh, Jamshoro.  
3. The Secretary to Vice Chancellor, University of Sindh, Jamshoro.



Issued to:-

UNIVERSITY OF SINDH, JAMSHORO  
OFFICE OF THE CENTRAL SCIENTIFIC STORE.  
Phone # 0229213203

P.O. # \_\_\_\_\_  
Date: \_\_\_\_\_

**Requirement of Chemicals, Glasswares etc. for the year 2017-2018.**

**Terms and Conditions (Tender Documents)**

1. The bid documents will be submitted in single stage one envelope.
2. Bidders will have to quote their rates against each item sequence wise on the official format of tender document.
3. Bidders will have to produce Call deposit / **Bid Security 2%** of the offered bid in shape of Pay Order / Bank Draft in the name of University of Sindh, if failure the tender document will not be entertained.
4. Details of Bid Security Submitted:  
Value: \_\_\_\_\_  
Dated: \_\_\_\_\_  
Bank: \_\_\_\_\_
5. All applicable Government Taxes will be deducted from the bill as per Government approved rates.
6. Quantity of any item can be reduced / increased or even deleted at any time.
7. The supplier will have to produce evidence as regards their registration with FBR for income tax, sales tax and Registration with Sindh Revenue Board (SRB).
8. The University authorities (procuring agency) may reject all or any bids subject to the relevant provisions of SPPRA Rules.
9. The tender document will be received back up to 29.3.2018 @ 12:00 Noon and will be opened at 1.00 P.M on the same day in the office of the Dean, Faculty of Natural Sciences, University of Sindh, Jamshoro.
10. Incomplete or conditional tenders will not be accepted.
11. In case of undesirable circumstances on submission / opening date & time or if Government declares Holiday the tender shall be submitted / opened on the next working day at the same time and venue.
12. The best evaluated bid will be declared as successful bid.
13. All sealed tenders shall be opened in the presence of bidders or their authorized representatives / nominee who wish to be present.
14. The best bidders will have to provide warranty / guarantee against the supply.
15. In case of failure of the bidder to supply the material within the stipulated time without getting extension, penalty of 2% of the supply order be imposed on the bidder.
16. The bidder will have to attach the catalogue of the item which he wishes to supply.
17. The bidders will have to supply the items at the destination mentioned in the order.
18. The vendor will show / provide his experience, bank transaction and returned challan of income and sales tax of last three (03) years and also provide withholding tax certificate from excise and taxation departments for the year 2016-2017.
19. The successful bidder has to sign the integrity pact as per SPPRA rules 89 (amended up-to-date)
20. The successful Bidders will have to produce **Performance Security 10%** (as per SPPRA rule # 39) of the offered bid in shape of Pay Order / Bank Draft in the name of University of Sindh.

Professor Incharge, CSS

**Professor Incharge**  
Central Scientific Store  
University of Sindh Jamshoro

I abide myself of the above terms and Condition

Name of Firm / Company & Signature with Stamp

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

#	Description (Glasswares)	Make	Unit Price
1	<p><b>-25 °C Laboratory Freezers (ESCOS/Panasonic)</b>                      Superior forced air design instead of regular cold wall for freezer Rapid cool-down and very fast recovery due to fan assistance Fast temperature equilibration, superior sample protection Intelligent Automatic defrost for additional sample protection High performance unit uses intelligent defrost to maximize sample protection                      Computer has thermocouple on the evaporator                      Detects ice formation                      Defroats only when needed to keep units at optimum performance                      Keeps chamber temperature within safe limits                      Other features including:                      Door lock, which provides additional security for expensive samples and reagents from unauthorized users                      Solid door                      Esco ISOCIDE external surfaces, to eliminate 99.9% of surface bacteria within 24 hours of exposure and ensure environment friendly                      High quality stainless steel interior for sample protection Internal LED lighting save up 70% power with less heat exposure than fluorescent or incandescent lighting standard wheel/casters for easy location or movement. <b>or any other brand with equivalent specification</b></p>		
2	Analytical Balance –top loading		
3	<p><b>Analytical Digital Balance (Accurate)</b>                      Readability 0.001gm                      Max Capacity 310 gm                      Repeatability 0.001                      Linearity +/- 0.003  <b>or any other brand with equivalent specification</b></p>		
4	<p>AURA 100 (Scanning Electron Microscope)                      1) Economic Price &amp; High Performance Desktop Mini SEM                      2) 2-Stage Lens Optics of Free Beam Alignment                      3) Digital Zoom (2X, 4X, 8X) &amp; High Pixel Resolution                      4) Low kV Mode 지원 (SEM Image Obtain without Coating)                      5) Beam Alignment Free (Simple Operation)                      6) Be Equipped with Powerful Measuring tool &amp; Analysis Software                      7) Slim Sized-Housing [388(W) X 600(D) X 565(H)]                      8) User Friendly &amp; Easy Operation Tablet Mini SEM <b>or any other brand with equivalent specification</b></p>		

**Note:** All bidders should quote the original and Exact Brands.



**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

5	Autoclave (Capacity 24 Liter) Automatic / digital <b>or any other brand with equivalent specification</b>		
6	Autoclave (Capacity 5 Liter) UK/Germany/Japan <b>or any other brand with equivalent specification</b>		
7	Bench Top PH Meter (Complete with standard Accessories)		
8	Benedict reagent		
9	<p><b>Biological Safety Cabinet Airstream Class II Type II (ESCOS)</b>                      ULPA filter with 99.999% efficiency against 0.3µm particles, 99.995% filter efficiency for MPPS at 0.1µm improves safety                      Sentinel™ Gold Microprocessor Controller displays all safety information on one screen Airflow sensor alerts the user if airflow is sufficient for greater safety                      RS 232 serial interface port enables sending of operational information to Building Management System (BMS)                      ISOCIDETM powder coat inhibits microbial growth on external surface prevents contamination and improves safety                      Ergonomically-designed raised arm rest helps prevent grille blocking and create a comfortable working posture                      Curved Corner and Glass Side with large corner radius facilities easily cleaning and enables easy reach of service fixture and outlets.                      Divided autoclavable work tray allows easy cleaning.  <b>or any other brand with equivalent specification</b></p>		
10	BLM-280 LCD Digital Microscope                      The LDM-208 LCD digital microscope is a new generation microscope that with an embedded operation system WinCE 5.0, it can link mouse or keyboard, just like a micro computer. <b>or any other brand with equivalent specification</b>		
11	<p><b>Cary-300 UV-Visible NIR System</b>  <b>Working range past 5.0 absorbance units</b> for measuring turbid and solid samples  <b>Versatile set of accessories</b> including temperature control, liquid and solid sample holders, multicell holders, specular reflectance, diffuse reflectance, and fiber optics  <b>Large sample compartment</b> with built-in accessory controller  <b>WinUV software</b> – modular design provides a wide range of applications via a simple interface  <b>Variable slit widths</b> for optimum control over spectral resolution</p>		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

	<p><b>Phase-locked wavelength drive</b> prevents peak shifts and peak suppression at high scan speeds</p> <p><b>Sealed optics</b> with quartz overcoating prevents exposure to corrosive environments and simplifies cleaning</p> <p>OR</p> <p>UV-Visible spectrometer with software and PC: Wavelength range 190-1000 nm; Bandwidth: 0.5, 1, 2, 5, 20 nm valuable Absorbance range:14 A At 220 nm Quartz cell (Cuvettes) 10 mm. Double beam with software and pc. <b>or any other brand with equivalent specification</b></p>		
12	Centrifuge Machine:		
13	Chiller		
14	Clevenger Apparatus		
15	Conductometer		
16	Digital Balance		
17	Digital caliper		
18	<i>Digital pH meter</i>		
19	Digital Sound level meter		
20	<i>Digital Sound Level meter</i>		
21	Digital Vernier Caliper		
22	Elastic adjustable Tourniquet		
23	Electric Balance 5000 Germany		
24	Electric Balance 1000 Germany		
25	Electric Hotplate		
26	Electrical balance (Samsung) <b>or equivalent</b>		
27	ELISA kit for Cortisol		

**Note:** All bidders should quote the original and Exact Brands.

Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.

28	ELISA kit for FSH		
29	ELISA kit for LH		
30	ELISA kit for Testosterone		
31	ELISA kits for Urea		
32	Essential oil Extractor		
33	<p><b>Gel Documentation System (Bio-Rad)</b>  Gel Doc EZ System, Gel imaging, PC or Mac, includes darkroom, camera, cables, Image Lab software.  Computer &amp; Printer will be provided from local market.  <b>Including Additional Accessories</b>  <b>170-8271</b>  UV sample tray, pkg of 1, sample tray for gels using ultraviolet illumination; for use with Gel Doc EZ system  <b>170-8272</b>  White light sample tray, Pkg of 1, sample tray for gels stained with coomassive blue, copper, silver, or zinc stains; for use with Gel Doc EZ system <b>or any other brand with equivalent specification</b></p>		
34	Glass Cutter for laboratory use (Kaivo)		
35	Glucometer		
36	GPS meter UK/Taiwan <b>or equivalent</b>		
37	<p><b>Gradient Thermal Cycler (Bio-Rad)</b>  Use the T100 thermal cycler for fast and reliable PCR in a 96 well block format.  Save time programming with an intuitive touch screen  Optimize reactions quickly in a single run using thermal gradient technology  Manage and organize protocols easily using personalized folders  Save space with the small footprint <b>or any other brand with equivalent specification</b></p>		
38	Hemometer		
39	<b>Hot-sell deionized water system for all kinds of lab experiments (HiTech) or any other brand with equivalent specification</b>		

**Note:** All bidders should quote the original and Exact Brands.

Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.

40	<b>KEYSIGHT TECHNOLOGIES B2901A Source Measure Unit, B2900A Series, Current/Voltage Measure, Current/Voltage Source, 31.8 W</b> Minimum source resolution: 1pA /1μV, Minimum measurement resolution: 100fA/100nV Maximum output: 210V, 3ADC/10.5A pulse <b>or any other brand with equivalent specification</b>		
41	<b>Laboratory Drying Oven</b> (Temp: range RT-250 C Operating Voltage 220V/50Hz Volume 10-20L) <b>or any other brand with equivalent specification</b>		
42	Laboratory Oven (Temp range up to 250C) 16 liter Capacity		
43	Magnet Bar ( Medium )		
44	Magnet Bar ( Small )		
45	Magnet Bar ( large )		
46	Mechanical Balance		
47	Mechanical shaker		
48	Microscope (SWIFT) <b>or equivalent</b>		
49	Moisture Analyzer		
50	<b>Orbital shaker (UK)</b> or any brand with equivalent specification		
51	<b>Orbital shaking Incubator (Grant, UK)</b> or any brand with equivalent specification		
52	PH Meters PH/MV/C Meters Banch		
53	Quartz Cuvettes		
54	Samsung 49k5300 49" Full HD Flat Smart LED Tv <b>or any other brand with equivalent specification</b>		
55	Sonicator (20 Ltr capacity)		
56	Sony DSC-WX350 Compact Camera Black <b>or any other brand with equivalent specification</b>		
57	Sphygmomanometer		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.

58	<b>Spin coater (CS-05. 7" bowl, 2 stage manual control, max 8,000 rpm) or any other brand with equivalent specification</b>		
59	Spirometer		
60	Stalagmo meter		
61	Stethograph		
62	Stethoscope (Litman)		
63	Stop Watches (digital with computer attached device)		
64	Syphilis kit (ELISA)		
65	Top loading balance Complete with standard accessories		
66	<b>UPS 6KVA</b>		
67	Vacuum pump (electrically)		
68	Verbescoside		
69	Viscometer		
70	Vortex (large size)		
71	Vortex Genie 2		
72	Vortex mixer		
73	<b>SONY Stereo Music System/Program Sensor or any other brand with equivalent specification</b>		
74	<b>Apple Mac Pro (Computer) (2.26Ghz 8 Core/8GB RAM/640GB HDD, 512 Graphic Card) or any other brand with equivalent specification</b>		



**Professor Incharge**  
**Central Scientific Store**  
**University of Sindh, Jamshoro.**  
**Professor Incharge**  
**Central Scientific Store**  
**University of Sindh Jamshoro**

**I abide myself of the above terms and Condition**

**Name of Firm & Signature with Stamp**


**Note:** All bidders should quote the original and Exact Brands.

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

Tender document for Purchase of Sports materials for the year 2017-2018.

S#	Description(Sports Materials)	Make(Company)	Unit Rate
1	Athletics Javelin (Male) (Imported)		
2	Athletics Javelin (Female) (Imported)		
3	Athletics Discuss (Male) (Imported)		
4	Athletics Discuss (Female) (Imported)		
5	Badminton Rackets (Wilson/Prince/Yonnex)		
6	Badminton Shuttle cocks (Plastic) (Dunlop / Carlton England)		
7	Badminton Net (Local)		
8	Basket ball Balls (Fiba certified( Molten))		
9	Basket ball Net (synthetic fibre) (Imported)		
10	Cricket Balls (Bukhari)		
11	Cricket Bats (Malik)		
12	Foot ball Balls (A-1 quality) (FIFA Certified)		
13	Table tennis Rackets ((Addoy) Butterfly)		
14	Table tennis Balls (Nittaku)		
15	Table tennis Balls (Double Circle)		
16	Net Ball Balls (Mikasa)		
17	Handball Ball (Male) (IHF certified)		
18	Handball Ball (Female) (IHF certified)		
19	Volley Ball Balls (Local)		
20	Tennis Rackets (Dunlop)		
21	Tennis Balls (Dunlop)		
22	Squash Rackets (Imported)		
23	Squash Balls (blue, Red & yellow single dot) 2 Nos. each (Dunlop)		

  
 Professor Incharge,  
 Central Scientific Store,  
 University of Sindh Jamshoro.  
 Professor Incharge  
 Central Scientific Store  
 University of Sindh Jamshoro

*I abide myself of the above terms and Condition*

Name of Firm & Signature with Stamp

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
1	(2-4-6)Trihydroxybenzaldehyde		
2	1,1diphenyl-2-picrylhydrazyl (DPPH)		
3	10% Tween 20, Nonionic Detergent		
4	10% Tween 20, Nonionic Detergent		
5	1-2-Phenylenediamine		
6	1-Amino-2-Hydroxy-naphthalane		
7	1-Aminopyrene		
8	1-pyren Carboxaldehyde		
9	2 deoxyribose		
10	2,2-azobisisbutyronitrile(AIBN)		
11	2,4, dinitro phenyl Hydrazine (SIGMA)		
12	2,6 – dichro phenol indophenol		
13	2,6 dihydroxyaniline		
14	<i>BAKU High quality A8 7-Sa black Tweezers with etic bend ESD tweezers</i>		
15	2-3-dihydroxyaniline		
16	2-4 dinitrophenylhydrazine		
17	2-4-dihydroxyaniline		
18	2-4-dinitro Phenol		
19	2-Aminonaphthalane-1, 3-diol		
20	2-Aminonaphthalane-1, 3-diol, SCHEMBL17448333		
21	2-hydroxynaphthaldehyde		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
22	2-Mercaptoethanol		
23	2-methoxyethanol (C <sub>3</sub> H <sub>8</sub> O <sub>2</sub> )		
24	2-Methylpropan-1-ol (isobutyl alcohol)		
25	2-Naphthol		
26	2-Propanol		
27	2-thiobarbituricacid		
28	3,4,5-Trimethoxyanilline		
29	37% formalin		
30	3-Aminonaphthalane-1-2-diolhydrochelorida		
31	3-Flouorophenol		
32	3-Hydroxy-4-methoxybenzaldehyde		
33	4-vinylpyridine		
34	4x Laemmli Sample Buffer		
35	8-Hydroxy-2-Quinolinecarboxaldehyde		
36	Absolute alcohol (FISCHER)		
37	Acacia		
38	Acetic Acid		
39	Acetic acid Glacial		
40	Acetone		
41	Acetonitrile HPLC grade		
42	Acetyl chloride		
43	Adenosine 5' triphosphate		

**Note:** All bidders should quote the original and Exact Brands.



**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
44	Agar		
45	Agar agar		
46	Agarose		
47	Agate Pestle and Morter		
48	Alcohol		
49	Alloxan monohydrate		
50	aluminum chloride (AlCl <sub>3</sub> ),		
51	Amaranth		
52	Ammonia solution (NH <sub>4</sub> OH)		
53	Ammonium Chloride		
54	Ammonium Molybdate		
55	Ammonium Nitrate		
56	Ammonium oxalate		
57	Ammonium per sulfate for Electrophoresis		
58	Ammonium sulphate		
59	Amyl Alcohol		
60	Aniline		
61	Apigenin 97% TLC grade		
62	Ascorbic Acid		
63	<i>trate (kaivo)</i>		
64	Balanced salt solution		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
65	barium chloride (BaCl <sub>2</sub> )		
66	Beef extract		
67	Benzene		
68	Benzoic acid		
69	Benzoine benzoate		
70	Benzoyl chloride (MERK) / (SIGMA)		
71	Benzoylperoxide		
72	β-caroten		
73	Bis Acryl amide (30%, 29:1)		
74	Borax Boric acid		
75	Borium chloride		
76	Bovine Serum albumin		
77	Brevifolin		
78	Brilliant blue		
79	Buffer Solution ph4 ph7 ph9		
80	Butyl Acetate		
81	Cadmium Acetate dehydrate (Cd(CH <sub>3</sub> COO) <sub>2</sub> · 2H <sub>2</sub> O)		
82	Caffeine citrate		
83	Caffeine Powder		
84	Calcium Chloride		
85	Calcium phosphate		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
86	Calcuim hydro oxide		
87	Camphor		
88	Capillary tubes		
89	Capper-II sulphate 5 Hydrate		
90	Carban Tetra chloride		
91	Carvone 98%		
92	Catachion		
93	Cerric ammonium sulphate		
94	Cetostearyl alcohol		
95	Cetyl alcohol		
96	Chcl3 Chloroform		
97	Chloro Ptatinic acid		
98	Chloroform		
99	Chloroform (analytical grade)		
100	chromium acetate (C <sub>8</sub> H <sub>16</sub> Cr <sub>2</sub> O <sub>10</sub> ),		
101	Chrysophanic acid 98% (1,8-Dihydroxy-3-methyl anthraquinone		
102	Citric		
103	Clarity ECL substrate solution A		
104	Clarity ECL Substrate Solution B		
105	Cobalt acetate		
106	cobalt chloride (CoCl <sub>2</sub> ),		
107	Cobalt II acetate tetrahydrate ((CH <sub>3</sub> COO) <sub>2</sub> Co · 4H <sub>2</sub> O)		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

S #	Description (Chemicals)	Make	Unit Price
108	Coniferyl aldehyde		
109	Copper acetate 28dehydrate (Cu(CH <sub>3</sub> COO) <sub>2</sub> .2H <sub>2</sub> O)		
110	copper chloride (CuCl <sub>2</sub> ),		
111	<i>oil</i>		
112	<i>e (cubic (a = 5.4037) gle side polished) N-Type</i>		
113	Cysteine		
114	D-glucose		
115	Di-Ethyl Ether		
116	Diltiazem		
117	Dimethylsulfoxide		
118	Dinitrosalicylic Acid		
119	Diosgenin		
120	Diphenyl Amine		
121	Di-Potassium Sulphate		
122	Di-Sodium hydrogen phosphate		
123	Disodium phosphate (Na <sub>2</sub> HPO <sub>4</sub> )		
124	D-Mannitol		
125	Dodelyl sulphate		
126	DPPH (2, 2diphenyl -1- picryl hydrazil)		
127	EDTA- Ethylene diamine tetra acetic acid		
128	Ellagic acid 95% HPLC grade		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
129	Epinephrine		
130	Ethanol		
131	Ethanol- laboratory grade		
132	Ethyl Acetate		
133	Ethyl Alcohol Absolute		
134	Ethyl alcohol absolute Analytical grade		
135	Ethylene Glycol (CH <sub>2</sub> OH) <sub>2</sub> (Capping agent to stop further growth)		
136	Ethylene Glycoldimethacrylate (EGDMA)		
137	Ferric Ammonium sulphate		
138	ferric chloride (FeCl <sub>3</sub> ),		
139	Ferric sulphate hydrate		
140	Ferrous Ammonium sulphate		
141	ferrous chloride (FeCl <sub>2</sub> ),		
142	Ferrous Sulphate		
143	Ferrous sulphate anhydrous (Germany)		
144	Ferrozine 3-2-pyridyl-5, 6-diphenyl- L1, 2, 4-triazine		
145	Filter Paper Backing		
146	Folin reagent		
147	For Substrate (ITO + PET),		
148	Fructose		
149	<i>trate (kaivo)</i>		
150	Gadolinium (iii)chloride hexaydrate		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
151	Gallic Acid		
152	Gallium nitrate substrate		
153	Gelatin		
154	Geraniol 98%		
155	Giemsa's Stain		
156	Glacial acetic acid		
157	Glucose		
158	Glybenclamide		
159	Glycerin		
160	Glycol		
161	Gold Chloride		
162	Gumtragananth		
163	H <sub>2</sub> O <sub>2</sub> -Hydrogen peroxide		
164	HCL		
165	β-Caryophyllen 98.5%		
166	HEPES buffer		
167	Hexa hydrate Absolute ethanol		
168	Hexamethylene tetramine 500g		
169	Hexane		
170	Hydrazine Hydrate NH <sub>2</sub> NH <sub>2</sub> · H <sub>2</sub> O		
171	Hydrochloric acid 37%		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
172	Hydrogen Peroxide		
173	Hydroxylamine hydrochloride		
174	<i>n oxide (ITO) coated glass slide, rectangular (kaivo) 8-</i>		
175	Iodine		
176	I-Propanol		
177	Iron stand (large size)		
178	ISO-Amyl Alcohol		
179	Isopropanol		
180	Kaempferol		
181	Kampferol HPLC		
182	Kola in		
183	Lactose		
184	$\beta$ -Cymene 99%		
185	lead acetate (Pb(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub> ),		
186	Leishman Stain		
187	Leutolin 99% TLC		
188	Limonene andytical standard		
189	Lithium		
190	Lithium Acetate/Chloride		
191	Lithium hydroxide (LiOH)		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
192	lithium nitrate (LiNO <sub>3</sub> ),		
193	Litmus Blue		
194	Litmus paper		
195	Lysozyme		
196	Mackoney Agar		
197	Magic 4 Minute clear epoxy		
198	Magnesium chloride		
199	Magnesium chloride hexahydrate (MgCl <sub>2</sub> 6 H <sub>2</sub> O)		
200	Magnesium sterate		
201	Magnetic bar (large size)		
202	Malachite Green (MG)		
203	manganese chloride (M <sub>n</sub> Cl <sub>2</sub> ),		
204	Manganese Sulphate		
205	melamine (C <sub>3</sub> H <sub>6</sub> N <sub>6</sub> ),		
206	Mercuric Chloride		
207	Meta Phosphoric Acid		
208	Methacrylic acid		
209	Methanol		
210	Methanol HPLC Grade		
211	Methylene blue		
212	Monoethanolamine (HOCH <sub>2</sub> CH <sub>2</sub> NH <sub>2</sub> )		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
213	Myrcene analytical standard		
214	Myristoylated PKC inhibitor peptide		
215	NaCl-Sodium chloride		
216	NaOH-Sodium hydroxide		
217	Naphylethlene Diaminedihydrochloride		
218	Naringenin		
219	N-butanol		
220	n-Hexene		
221	Nickel Acetate		
222	nickel chloride (NiCl <sub>2</sub> )		
223	Nifedipine		
224	Ninhydrin		
225	Nitrate (AgNO <sub>3</sub> )		
226	Nitric acid		
227	N-N Dimethyl formamide		
228	Nutrient broth		
229	N $\omega$ -Nitro L-Arginine methyl ester hydrochloride		
230	Oleic acid (OA)		
231	Papriment oil		
232	Paraffin oil		
233	PDMS,		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
234	Peptone		
235	Per chloric acid		
236	Petrolium Ether		
237	Phenol		
238	Phenylephrine HCL		
239	Phosphomolybdic acid		
240	Phosphorus, Antimony		
241	phosphotungstic acid		
242	Potassium acetate		
243	Potassium Bismuth Iodide		
244	Potassium Chloride		
245	Potassium Chromate		
246	Potassium Dichromate		
247	Potassium dihydrogen phosphate (KH <sub>2</sub> PO <sub>4</sub> )		
248	Potassium hydrogen phosphate		
249	Potassium Hydroxide		
250	Potassium iodide		
251	Potassium Mercuric Iodide		
252	Potassium Nitrite		
253	Potassium permanganate		
254	Potassium Persulphate		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
255	Potassium Sulphate		
256	Potassium acetate		
257	Potassium phosphate		
258	Potassium Di-hydrogenphosphate		
259	Propranolol		
260	Protease inhibitor cocktail		
261	Proteinase K		
262	Pure Tris base		
263	PVDF Membrane		
264	Pyodine		
265	Quercetin Sigma HPLC grade		
266	Quercitin		
267	RIPA Buffer		
268	Rutin		
269	Sabouraud dextrose agar		
270	Safranin dye		
271	Salicylic Acid		
272	Welder Teflon		
273	Wafer		
274	SDS-Sodium dodecyl sulfate		
275	Selenium powder sigma aldrich		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
276	Silica Gel		
277	Silica gel 60 (Column) 230-400 mesh		
278	Silicon Carbide Powders for Preparing thin sections Grit size 400 600 800 1000 1500		
279	Silver nitrate		
280	Sodium (Dodecyl sulfate)		
281	Sodium acetate		
282	Sodium bicarbonate		
283	Sodium brombonate		
284	Sodium carbonate		
285	Sodium Chloride (NaCl)		
286	Sodium hydro oxide		
287	Sodium nitrite (MERK)		
288	Sodium nitro prusside (SIGMA)		
289	Sodium phosphate dibasic Na <sub>2</sub> HPO <sub>4</sub>		
290	Sodium Phosphate Monobasic		
291	Sodium potassium citrate		
292	Sodium Potassium tartarate		
293	Sodium selenite Na <sub>2</sub> SeO <sub>3</sub>		
294	Sodium Sulfite (Na <sub>2</sub> S)		
295	Sodium Sulphate Anhydrous		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
296	Sodium Sulphide		
297	Sodium Thiosulphate		
298	Soft paraffin		
299	Soy (soytone)		
300	loride		
301	Sucrose		
302	Sulphate		
303	Sulphur		
304	Sulphuric Acid		
305	Sulphuric acid 98%		
306	Talcum powder		
307	Tannic Acid		
308	TEMED		
309	Thioborbituric acid		
310	Tin(II) chloride dihydrate ( $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$ ) 500g		
<b>311</b>	<b>TPTZ (2,4,6-tris, 2-pyridyl) – B3, 5 – Triaziric Complex</b>		
312	Triacin		
313	Trichloro Acetic Acid		
314	Tricin		
315	Tris (tris base)		
316	Tris EDTA Buffer		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**


<b>S #</b>	<b>Description (Chemicals)</b>	<b>Make</b>	<b>Unit Price</b>
317	Triton X-100		
318	Tryptone		
319	Turpentine oil (Local)		
320	Tyrosinase enzyme (from mashrom)		
321	U73122 hydrate		
322	Uridine 5'triphosphate tris salt		
323	Verapamil hydrochloride		
324	White petroleum jelly		
325	Xylene		
326	Yeast extract		
327	Zinc Acetate		
328	Zinc acetate dehydrate (Zn(AC) <sub>2</sub> ·2H <sub>2</sub> O) 500g		

**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

Documents for the Procurement of Chemicals , Glasswares, Kits etc. for the year 2017-2018.

S #	Description (Chemicals)	Make	Unit Price
329	Zinc chloride (ZnCl <sub>2</sub> )		
330	Zinc Nitrate Heptahydrate (NO <sub>3</sub> ) <sub>2</sub> .7H <sub>2</sub> O		
331	Zinc Nitrate Hexahydrate 500g		
332	Zinc oxide		
333	Zinc Powder Sigma aldrich		
334	Zinc Sulfate		
335	α-phellandrine 85%		
336	α-pinene 99%		

  
Professor Incharge  
Central Scientific Store  
University of Sindh, Jamshoro.

Professor Incharge  
Central Scientific Store  
University of Sindh Jamshoro

I abide myself of the above terms and Condition

Name of Firm & Signature with Stamp

Note: Repack or No.2 item will be rejected BDH/Merck/Fischer/Across/RDH

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**Note:** All bidders should quote the original and Exact Brands.

**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

<b>S#</b>	<b>Description (Glasswares, Kits, etc.)</b>	<b>Make</b>	<b>Unit Price</b>
1	96 well plate lid-sterile		
2	96 well plates (grainer round bottom)-sterile		
3	Aluminum foil		
4	Anti Sera A, B & D		
5	Antibiotic disc cartage		
6	Antibiotic Kit (pencilin, gentamicin)		
7	Beaker 100 ml (Pyrex)		
8	Beaker 200ml Pyrex		
9	Beaker 250 mL (Pyrex)		
10	Beaker 250ml Pyrex		
11	Beaker 50 ml (Pyrex )		
12	Beaker 500 ml (Pyrex)		
13	BOD Kits		
14	Bowles Plastic (Multi colors)		
15	Brushes S.M		
16	Buchner flask (medium)		
17	Bunsen burner		
18	Burettes With clip		
19	Burettes Stand		
20	Burner		
21	Cadge Metabolic cadge (Tecniplast) single cage stand S/S MM 310x310x340		

**Note:** All bidders should quote the original and Exact Brands.



**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

	Model: 3M01D100 or equivalent		
22	Capillary Tube		
23	Centrifuge micro pipette		
24	Centrifuge tube 15 ml		
25	Centrifuge tube 15 mL		
26	Centrifuge tube 50 ml		
27	Centrifuge tube 50 mL		
28	Centrifuge Tubes		
29	China dish small 25ml		
30	Chromatographic Glass column plain with rotaflow (4.5x30cm)		
31	Chromatographic Jars 27.5x27.5x9cm with lid cover		
32	Clip For Burettes		
33	COD Kits		
34	Condenser C1/11 Q/F 24/26		
35	Condenser C1/12 Q/F 24/29 Coil		
36	Cones Plastic (Multi colors)		
37	Conical Flask 100 ml With Stopper		
38	Conical flask 1000ml		
39	Conical flask 250 ml		
40	Conical flask 500 ml		
41	Conical flask 50ml		
42	Conical flask stopper 100ml		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

43	Conical flasks 100 ml quick fit		
44	Conical flasks 100 ml with lid		
45	Cotton rolls		
46	Cover slip		
47	Crucibles with Lid 25 cc		
48	Culture Tube with caps 10x75 mm		
49	Wooden scales in meters (2m, 3m, 4m, 5m)		
50	Desicator Vacuum		
51	Digital hardness tester		
52	Digital screen gaze		
53	Disposable cuvettes 1 box		
54	Distillation assembly (complete kit)		
55	Distillation assembly Stainless steel		
56	Double Distillation Glass Assembly		
57	Dropping Bottels 100 mL		
58	Dropper (Plastic)		
59	Dropping bottles with T-cap amber color		
60	Dropping solution Bottle		
61	Duran Clear Glass media Bottles with screw cap (250 ml, 500ml and 1liter) -autoclavable		
62	Eppendorf 2 ml and 1.5 ml		
63	Eppendroff tips 1 ml		
64	Eppendroff tips 1 mL		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

65	Eppendroff tips 200 µL		
66	Eppendroff tips 200 ul		
67	Erlenmeyer Flask (100ml, 250ml, 500ml, 1liter)		
68	Falcon tubes (15 ml)		
69	Falcon tubes (50 ml)		
70	Filter paper sheet		
71	Filter paper sheet 3*4 ft		
72	Fitnessogram software CD for fitness assessment		
73	Fretted		
74	Funnel 75 mm		
75	Glass Buchner funnel with sintered glass plate Porosity 1 dimension 10cm length and 7cm width		
76	Glass distillation complete assembly 01 liter capacity Borosilicate		
77	Glass rod 8		
78	Glucometer strips		
79	Gram Staining kit		
80	Heating Mantle 500 mL		
81	Height measurement scale for adults- Aluminium		
82	Hepatitis B + C kits		
83	High Performance Digital micropipette (Pipette 4U Germany 10 – 100 U)		
84	High Performance Digital micropipette (Pipette 4U Germany 100 – 1000 U)		
85	High Performance Digital micropipette (Pipette 4U Germany 0 – 10 U)		
86	Hot Plate Magnetic Stirrer Dual Control art number: US-Stirrer-SH-2		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

87	Ignitin Tube (germany)		
88	Iron stand large		
89	Jet For Burrittes		
90	Lancet (200/ pack)		
91	Magnate stirrer		
92	Magnetic bar large / Medium size		
93	Magnetic Stirrers ( Small )		
94	Magnetic stirring fish		
95	Manometer		
96	Measurement Tape (30m, 50m & 100m)		
97	Measuring cylinder		
98	Measuring Cylinder 5 ml		
99	Measuring Cylinder 10 ml		
100	Measuring Cylinder 100 ml		
101	Measuring cylinder 100ml		
102	Measuring Cylinder 25 ml		
103	Measuring Cylinder 50 ml		
104	Microcentrifuge Tube 1.5 ml		
105	Microcentrifuge Tube 1.5 mL		
106	Microcentrifuge Tube 2 ml		
107	Microcentrifuge Tube 2 mL		
108	Micropipette (set of 4 )		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

109	Microscope Glass Ground edges 38.1x7.0mm 1.4mm-----1.5mm Thick		
110	Microscope slides		
111	Mortor and Pestle 250 mm		
112	Motor and pestle capacity D-5kg Stainless Steel		
113	Muceller Hintor agar		
114	Multichannel micropipette (20-200ul) for 12 tips attachment		
115	Pair of Tongs		
116	Personal Weight machine (scale 1Kg- 136 kg)		
117	Pestle motor 160mm		
118	Petri dish		
119	Petri dish 100mm		
120	Petri dish polystyrene 15 x20mm		
121	Petri Dishes 2 Inch Czech/china		
122	Petri Dishes 4 Inch Germany		
123	Petriplates		
124	pH reading strips		
125	PH strips		
126	Pinacidil		
127	Pipetboy –pipette controller		
128	Pipette (10ml) with glass piston		
129	Pipette Filer 41 Fishbrand		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

130	Pipette filler (automatic)		
131	Pipette glass 05ml		
132	Pipette glass 10ml		
133	Pipette graduated 10 ml		
134	Pipette graduated 1ml		
135	Pipette graduated 2ml		
136	Pipette graduated 5 ml		
137	Pipette Stand		
138	Pipette Suckers		
139	Plastic dispensing Jar 100ml (ointment )		
140	Plastic dispensing Jar 50ml(ointment)		
141	Pre coated plates silica Gel (60) Layer Thickness 0.25mm, 20x20 Cm (Merk)		
142	Precision plus protein marker		
143	Pricking pen / pricking device		
144	Quick fit Chromatographic glass column (55x3cm) 19/26		
145	Reagent Bottle 250 ml		
146	Reagent Bottle 500 ml		
147	Receiver Adopter RA2/23 24/29		
148	Rock inhibitor		
149	Round bottom flask FR15 100 ml 24/29		
150	Round bottom flask FR15 10L 24/29		
151	Round bottom flask FR15 1L 24/29		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

152	Round bottom flask FR15 25 ml 24/29		
153	Round bottom flask FR15 250 mL 24/29		
154	Round bottom flask FR15 50 ml 24/29		
155	Round bottom flask FR15 500 mL 24/29		
156	Round bottom flask FR15 5L 24/29		
157	Rubber Tub For Burets		
158	Rubber Tube For Condensar		
159	Sachi disc		
160	Sample Tubes		
161	Separating Funnel 100 ml (Q.F)		
162	Separating funnel 100ml		
163	Separating Funnel 25 ml (Q.F)		
164	Separating Funnel 50 ml (Q.F)		
165	Separating funnel 500ml		
166	Simple water bath		
167	Single fiber Gooseneck microscope illuminator		
168	Soxhlet assembly 2 liter capacity		
169	Soxhlet Complete Assambly		
170	Spatula large 50-55cm stainless steel		
171	Spatula large size plastic, steel		
172	Specific gravity bottle 50ml		
173	Spetula Medium		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

174	Stalagmometer		
175	Still Head 5H4/22 24/29		
176	Suction Pump ( Metal )		
177	Suction pump for filtration purpose		
178	Suction pump for filtration with cork		
179	Syl gaurd petri dishes		
180	Syringe Filter holder		
181	Syrup Bottle glass 100ml (plain, amber color for syrup & lotion, ointment, paint, fluted bottle color & white)		
182	Syrup Bottle glass 50ml		
183	Test Tube		
184	Test tube 10*75mm		
185	Test Tube 18x150 mm		
186	Test tube Holders		
187	Test Tube Stand		
188	Test tube washing brush		
189	Test Tubes		
190	Thermomoter 360* C		
191	Thin Layer Chromatography Tanks with Lid (Ascending)		
192	Tiles 6*8 inch		
193	Tips (for micropipette)-for 10 $\mu$ ,200 $\mu$ and 1ml		
194	Tips box		
195	Tips for Justers (1000 U1 White)		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

196	Tips for Justers (100Ul yellow)		
197	Tips in Rack (10 µl)		
198	Tips in Rack (1000 µl)		
199	Tips in Rack (200 µl)		
200	TLC glass plates		
201	Total Cholesterol Kit		
202	Triglyceride Kit		
203	Tripod stand large		
204	Ultra violet light lamp with chamber		
205	Verbescoside		
206	Volumetric Flask 10 ml with corck (Q.F)		
207	Volumetric Flask 100 ml		

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**Tender document for Procurement of Scientific Equipments etc. for the year 2017-2018.**

Tender document for Procurement of Chemicals, Glassware, Kits etc. for the year 2017-2018.

208	Volumetric flask 1000ml		
209	Volumetric Flask 25 ml with corck (Q.F)		
210	Volumetric Flask 250 ml		
211	Volumetric Flask 5 ml with corck (Q.F)		
212	Wash Bottel With tube 250 ml		
213	Watch glass 3x3 inch		
214	Watch Glass Small		
215	Water Bath 6-Hole with stirrer thermostat (GERMANT) or any other brand with equivalent specification		
216	Wattman Filter Paper (15cm)		
217	Weighing boats, disposable		
218	Weight balance		
219	Whatman fillter paper No 42		
220	Wire gaze 6*6		
221	Wire loops (Local)		
222	<b>High-Temperature Furnaces HTC with SiC Rod Heating as Table-Top Model</b> Temp. max 1400 °C, 1500 °C, or 1600 °C		
223	Bicinchoninic Acid Kit		
224	HDL Kit		
225	LDL Kit		



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I abide myself of the above terms and Condition

Name of Firm & Signature with Stamp

Note: Repack or No.2 Item will be rejected Germany/England/Boomax China.

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