



**SHAHEED BENAZIR BHUTTO UNIVERSITY  
SHAHEED BENAZIRABAD**

No./SBBU/XEN/15/2015

Nawabshah, Dated: 14 January, 2016

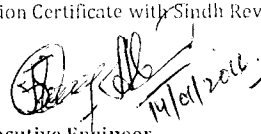
**TENDER NOTICE**

Shaheed Benazir Bhutto University, Shaheed Benazirabad invites the tender/bids for the construction of brick soling & cricket pitch for Shaheed Benazir Bhutto University Shaheed Benazirabad as detailed below.

S. No	Name of Work	Estimated Cost in Million (Rs)	Earnest Money 2% (Rs)	Tender Fees (Rs)	Completion Period
01	construction of brick soling & cricket Pitch for SBBU, SBA	0.645	12900	1000	One Month

**Terms and Conditions/Procedure of tenders are detailed below:**

1. The tender will be issued from 18.01.2016 to 03.02.2016 during the office hours against a written request attaching therewith all required documents & company profile. The tender will be received back with proper sealed envelope up to 11:00 am on 03.02.2016 and will be opened at 12:00 noon in office of the undersigned on the same day in the presence of contractors or their authorized representatives who may intend to be present.
2. The bidder should submit the affidavit on judicial stamp paper stating that their company has not been black listed nor any involvement in litigation in any court of law.
3. The tender document can be received by office of the undersigned from 18.01.2016 to 03.02.2016 on payment of the cost of tender fee (nonrefundable) mentioned against the supply, in shape of Demand Draft/Pay Order in the name of Director Finance, Shaheed Benazir Bhutto University, Shaheed Benazirabad.
4. Telephonic/Fax request will not be entertained for the issuance of tender document.
5. Earnest Money equivalent to 2% of the tender value shall be furnished with the tenders in shape of call deposit/Pay Order from the scheduled bank in favor of Director Finance, Shaheed Benazir Bhutto University, Shaheed Benazirabad.
6. The competent authority may reject any or all tenders any time prior to the acceptance of tender/bid subject to the relevant provision of SPPRA Rules 2010
7. Conditional Tenders will not be entertained
8. Copy of valid NTN and Sales Tax Certificate & registration Certificate with Sindh Revenue Board must be attached.

  
14/01/2016

Executive Engineer  
Shaheed Benazir Bhutto University  
Shaheed Benazirabad  
Civil Lines Nawabshah  
Tel # 0244-9370523  
[www.sbbu.edu.pk](http://www.sbbu.edu.pk)

7003  
15-01-16



**SHAHEED BENAZIR BHUTTO UNIVERSITY  
SHAHEED BENAZIRABAD**

**TENDER DOCUMENTS**

**FOR**

Construction of Brick Soling & Cricket Pitck at Shaheed  
Benazir Bhutto University (Present Campus Shaheed  
Benazirabad)

**WILL BE**

**OPENED ON**

**03/02/2016**

## INSTRUCTIONS TO BIDDERS

1. The Contract resulting from this invitation to tender shall be governed by the SPP Rule 2010.
2. In the event of Tender being submitted by the firm, it must be signed by the contractor /Manufacturer / Dealer / Supplier thereof, in the event of the absence of any partner it must be signed on his behalf by a person holding a power of attorney authorizing to do so.
3. The amount of earnest money deposited shall be Rs. 2% of the maximum quoted value of all items, earnest money should be paid by the contractors through Pay Order / Demand Draft of the scheduled banks in favor of Director Finance, Shaheed Benazir Bhutto University Shaheed Benazirabad **(No other payment will be accepted)**.
4. The procuring Agency reserves the right to call any or all the bidder (s) to give presentation / demonstration for their items/works.
5. The proposal of bid shall be opened publicly at the time, date and venue announced and communicated to the bidders in advance.
6. The bidder has to quote the total value of bids in the financial proposal including all taxes.
7. The income tax, sale tax and all Government taxes shall be deducted at a source on total value of bid.
8. The bidder has to provide the GST registration certificate, NTN, PEC Certificate (where applicable) and Sindh Revenue Board registration certificate. The Department while making payments to any supplier / contractor shall deduct according to rule.
9. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.
10. The bidders will supply a sample of the material (if any) for approval (if applicable).

**BIDDING DATA**

- (a). Name of Procuring Agency Shaheed Benazir Bhutto University, SBA
- (b). Brief Description of Works Construction of Brick soling & Cricket Pitch at SBBU, Shaheed Benazirabad)
- (c). Procuring Agency's address SBBU, Civil Lines SBA
- (d). Estimated Cost:- 645,000
- (e). Earnest Money: - 2% of Contract Work -
- (f). Period of Bid Validity (days):- 90 DAYS
- (g) Security Deposit :- ( including bid security):- 5%
- (h). Percentage, if any, to be deducted from bills: - Income Tax & GST (as per rule)
- (j). Venue, Time, and Date of Bid Opening: - SBBU, SBA – 12:00 Noon @ 03-02-2016
- (k). Time for Completion from written order of commence: - 30 Days
- (m). Deposit Receipt No: Date: Amount: -----

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----- (in words and figures)

## Conditions of Contract

**Clause – 1: Commencement & Completion Dates of work.** The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge/Project Director/Executive Engineer or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the work, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

**Clause – 2: Liquidated Damages.** The contractor shall pay liquidated damages to the Procuring Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Procuring Agency shall not exceed 10% of the contract price. Procuring Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

### **Clause – 3: Termination of the Contract.**

(A) Procuring Agency/Project Director may terminate the contract if either of the following conditions exists:-

- (i) Contractor causes a breach of any clause of the Contract;
- (ii) The progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
- (iii) In the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
- (iv) Contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 45 days of the date of the submission of the bill;

(B) The Project Director/Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-

- (i) To forfeit the security deposit available except conditions mentioned at a (iii) and (iv) above;
- (ii) To finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Project Director/Executive Engineer/Procuring Agency, the contractor shall have:-

(i) No claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,

(ii) However, the contractor can claim for the work done at site duly certified by the Executive Engineer in writing regarding the performance of such work and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

**Clause 4: Possession of the site and claims for compensation for delay.** The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

**Clause -5: Extension of Intended Completion Date.** The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

**Clause -6: Specifications.** The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

**Clause – 7:  
Payments.**

**(A) Interim/Running Bill.** Deleted

**(B) The Final Bill.** A bill shall be submitted by the contractor within ten days of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

**Clause – 8: Reduced Rates.** In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

**Clause – 9: Issuance of Variation and Repeat Orders.**

**(A)** Procuring Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.

**(B)** Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

**(C)** In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.

**(D)** The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.

- (E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer/Authority.
- (F) **Repeat Order:** Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

**Clause-10: Quality Control.**

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
  - (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.
  - (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.



#### **Clause – 11: Inspection**

- (A) **Inspection of Operations.** The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.
- (B) **Dates for Inspection and Testing.** The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

#### **Clause – 12: Examination of work before covering up**

- (A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
- (B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

**Clause – 13: Risks.** The contractor shall be responsible for all risks of **loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract.** if any damage is caused while the work is in progress or become apparent within **three months** of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

**Clause-14: Measures for prevention of fire and safety measures.** The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labor shall be paid by him.

**Clause – 15: Disputes.** All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, , the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

**Clause –16: Site Clearance.** Deleted.

**Clause –17: Financial Assistance /Advance Payment.**

(A) **Mobilization advance:** Deleted

**Clause –18: Refund of Security Deposit/Retention Money.** On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

**Contractor**

**Executive Engineer/Procuring  
Agency**

Bill Of Quantity					
Construction of brick soling on edge and cricket pieth at SBBU (Present Campus Shaheed Benazirabad)					
S.No	Description	Qty.	Unit	Rate	Amount (Rs.)
1	Excavation in foundation of building, bridges & other structures i/c dagbelling, dressing, refilling around the structure with excavated earth, watering & ramming lead upto 5 feet. (In ordinary soil) (S.I No. 18(b) - P/4)	1596	%0cft	3176.25	5069.30
2	Pacca Brick work in ground floor in cement sand mortar 1:6. (S.I No. 5(i)(e) - P/20)	341.25	%cft	12176.08	41550.87
3	Supplying and filling sand under floor & plugging in walls (S.I No. 29 - P/25)	7335	%cft	1141.25	83710.69
4	Dry brick on edge paving sand grouted i/c preparation of bed by watering, ramming & bringing the same to proper camber by 1/2" thick mud plaster. (S.I. No. 5 - P/39)	5736.31	%sft	3823.57	219331.83
5	Cement plaster 1:5 upto 12' height. (S.I.No. 13(b)-p.51)	384	%sft	2678.5	10285.44
6	Providing & laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels 3" thick	3731.5	% sft	4411.82	164627.06
7	Brick ballast	528	%cft	9416.28	49717.9584
8	Lean concrete	264	%cft	11288.75	29802.3
9	Cement concrete 1:2:4	264	%cft	14429.25	38093.22

Ns-1	compaction by Roller	2	Hours	
				Amount Rs.
				Perimium/Rebate _____
				Total Amount Rs.

**Contractor**

**Executive Engineer/Procuring Agency**



**SHAHEED BENAZIR BHUTTO UNIVERSITY, SHAHEED BENAZIRABAD**

KNOWLEDGE COMMITMENT LEADERSHIP

Civil Lines, Nawabshah (Pakistan) Tel. 0244-9370525, 0244-9370520, Fax: 0244-9370521

No. SBBU/Reg/Admn/- 249  
Dated: 12.03.2013

**NOTIFICATION**

In accordance with SPP Rules-2010, the procurement committee of the following is constituted to examine and evaluate the bids received from the contractors for construction of boundary wall as well as bids if any, for the establishment of Shaheed Benazir Bhutto University, Shaheed Benazirabad.

1. Prof. Dr. Bashir Ahmed Memon  
Dean faculty of Engineering,  
QUEST, N. Shah

Member

2. Mr. Roshan Ali Siyal  
Director Finance

Member

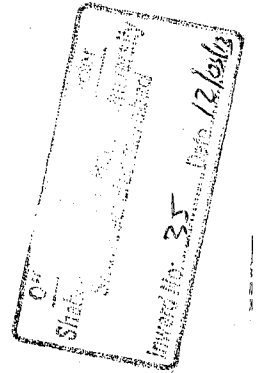
✓ 3. Mr. Javed Ahmed Shaikh  
Executive Engineer

Secretary/Member

  
Registrar

Copy to:

01. The Secretary to Vice Chancellor, SBBU, SBA.
02. All concerned
03. Master File.





# Shaheed Benazir Bhutto University, Shaheed Benazirabad

Knowledge - Commitment - Leadership

No. SBBU/Registrar/1304

Dated: 28/ 09/ 2015

Registrar

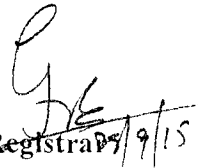
## Notification

It is notified for information of all concerned that the Vice Chancellor, Shaheed Benazir Bhutto University, Shaheed Benazirabad has been pleased to form redressal committee of the following to address the grievances of contractors as per TOR as under and give recommendations or otherwise for approval of the Vice Chancellor.

- |    |   |                   |
|----|---|-------------------|
| 1. | Mr. Ghulam Rasool Khaskheli<br>Registrar SBBU, SBA      | Convener          |
| 2. | Mr. Zeeshan Memon<br>Director Finance PUMHSW            | Member            |
| 3. | Engr. Khizir Hayat A Qazi<br>Project Director SBBU, SBA | Member /Secretary |

### The term of reference.

- ❖ Maintenance of the university

  
Registrar 28/9/15

### Copy for favor of information

The Secretary to the Vice Chancellor SBBU, SBA



No. SBBU/Reg/Admn/-11

Dated: 03.01.2013

**NOTIFICATION**

The Vice Chancellor, Shaheed Benazir Bhutto University, Shaheed Benazirabad has been pleased to re-constitute the Purchase Committee of Shaheed Benazir Bhutto University, Shaheed Benazirabad as under:

- |     |  |                                     |
|-----|--|-------------------------------------|
| 01. | Project Director                               | Convener                            |
| 02. | Director Finance<br>Or his nominee officer     | Member                              |
| 03. | Dr. Liaquat Ali Zardari<br>Assistant Professor | Member                              |
| 04. | Head of Concerned Department                   | Member                              |
| 05. | System Administrator                           | Member<br>(for relevant equipments) |

  
Registrar

Copy to:

  
  
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01. The Secretary to Vice Chancellor, SBBU, SBA.
02. The Resident Auditor, SBBU, SBA.
03. The concerned
04. Master File.



**Shaheed Benazir Bhutto University, Shaheed Benazirabad**  
Knowledge - Commitment - Leadership

N<sup>o</sup>. SBBU/Registrar/1304

Dated: 28/09/2015

Registrar

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**The term of reference.**

- ❖ Maintenance of the university

  
Registrar/9/15

**Copy for favor of information**

The Secretary to the Vice Chancellor SBBU, SBA



### Annual Procurement Plan 2015-2016

Annual procurement plan 2015-2016 for the Department of Chemistry Shaheed Benazir Bhutto University, Shaheed Benazirabad. The list of equipments, glassware and chemical consumed and required are mentioned in the Tables below.

#### Equipments

S.No	Item	Stock Amount	Consumed	Required	Remarks
1	Double beam spectrometer	00	00	4	Urgently required
2	Single Beam spectrometer	00	00	8	Urgently required
3	Infrared Spectrometer	00	00	4	Urgently required
4	Heating Mental	2	—	12	Urgently required
5	Staglomer	01	01	10	Urgently required
6	Magnetic stirrer with hotplate	2	--	10	Urgently required
7	Water bath	00	00	12	Urgently required
8	Water bath for four flask	1	--	4	Urgently required
9	Simple Oven	1	--	6	Urgently required
10	pH meter with electrode	1	--	8	Urgently required
11	Plate Shaker	1	--	2	Urgently required
12	Digital balance	2	--	10	Urgently required
13	Melting point apparatus	00	00	4	Urgently required
14	Incubator	00	00	02	Urgently required
15	Centrifuge machine	00	00	04	Urgently required
16	Rota evaporator	00	00	04	Urgently required
17	Aspirator	00	00	03	Urgently required
18	Sonocator	0	00	02	Urgently required
19	Furnace	00	00	02	Urgently required
20	Flame photometer	00	00	02	Urgently required
21	Polarimeter	00	00	02	Urgently required
22	CHN analyzer	00	00	1	Urgently required
23	Water deionizer	00	00	1	Urgently required

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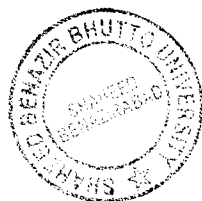
### Glassware

S.No	Item	Stock Amount	Consumed	Required	Remarks
1	3-neck round bottom flask (100ml)	15	6	15	Urgently required
2	3-neck round bottom flask (250ml)	15	8	15	Urgently required
3	Air condenser	15	2	00	Not required
4	Buchner funnel (90mm)	5	3	5	Urgently required
5	Burettes borosilicate glass (50ml)	10	6	20	Urgently required
6	China dish	30	15	20	Urgently required
7	Condenser	15	6	10	Urgently required
8	Cone MF 1512	10	4	10	Urgently required
9	Cone MF 1511	10	2	10	Urgently required
10	Conical flask (250ml)	20	14	20	Urgently required
11	Conical flask (100ml)	10	8	15	Urgently required
12	Conical flask (50ml)	00	--	20	Urgently required
13	Conical flask (500ml)	00	--	20	Urgently required
14	Filtration flask (250ml)	05	02	5	Urgently required
15	Filtration flask (500ml)	00	--	5	Urgently required
16	Funnel 250ml	40	5	20	Urgently required
17	Glass washing bottles	20	2	20	Urgently required
18	Glass cover slip	30	5	--	Not required
19	Graduated cylinder 100ml	5	2	5	Urgently required
20	Graduated cylinder 250ml	5	2	5	Urgently required
21	Graduated cylinder 25	5	4	10	Urgently required
22	Graduated cylinder 10ml	30	12	30	Urgently required
23	Graduated cylinder 5ml	10	4	6	Urgently required
24	Graduated pipette 25ml	5	2	5	Urgently required



### Glassware

S.No	Item	Stock Amount	Consumed	Required	Remarks
1	3-neck round bottom flask (100ml)	15	6	15	Urgently required
2	3-neck round bottom flask (250ml)	15	8	15	Urgently required
3	Air condenser	15	2	00	Not required
4	Buchner funnel (90mm)	5	3	5	Urgently required
5	Burettes borosilicate glass (50ml)	10	6	20	Urgently required
6	China dish	30	15	20	Urgently required
7	Condenser	15	6	10	Urgently required
8	Cone MF 1512	10	4	10	Urgently required
9	Cone MF 1511	10	2	10	Urgently required
10	Conical flask (250ml)	20	14	20	Urgently required
11	Conical flask (100ml)	10	8	15	Urgently required
12	Conical flask (50ml)	00	--	20	Urgently required
13	Conical flask (500ml)	00	--	20	Urgently required
14	Filtration flask (250ml)	05	02	5	Urgently required
15	Filtration flask (500ml)	00	--	5	Urgently required
16	Funnel 250ml	40	5	20	Urgently required
17	Glass washing bottles	20	2	20	Urgently required
18	Glass cover slip	30	5	--	Not required
19	Graduated cylinder 100ml	5	2	5	Urgently required
20	Graduated cylinder 250ml	5	2	5	Urgently required
21	Graduated cylinder 25	5	4	10	Urgently required
22	Graduated cylinder 10ml	30	12	30	Urgently required
23	Graduated cylinder 5ml	10	4	6	Urgently required
24	Graduated pipette 25ml	5	2	5	Urgently required



*[Handwritten Signature]*  
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## Annual Procurement Plan 2015-2016

Annual procurement plan 2015-2016 for the Department of Chemistry Shaheed Benazir Bhutto University, Shaheed Benazirabad. The list of equipments, glassware and chemical consumed and required are mentioned in the Tables below.

### Equipments

S.No	Item	Stock Amount	Consumed	Required	Remarks
1	Double beam spectrometer	00	00	4	Urgently required
2	Single Beam spectrometer	00	00	8	Urgently required
3	Infrared Spectrometer	00	00	4	Urgently required
4	Heating Mental	2	—	12	Urgently required
5	Staglomer	01	01	10	Urgently required
6	Magnetic stirrer with hotplate	2	--	10	Urgently required
7	Water bath	00	00	12	Urgently required
8	Water bath for four flask	1	--	4	Urgently required
9	Simple Oven	1	--	6	Urgently required
10	pH meter with electrode	1	--	8	Urgently required
11	Plate Shaker	1	--	2	Urgently required
12	Digital balance	2	--	10	Urgently required
13	Melting point apparatus	00	00	4	Urgently required
14	Incubator	00	00	02	Urgently required
15	Centrifuge machine	00	00	04	Urgently required
16	Rota evaporator	00	00	04	Urgently required
17	Aspirator	00	00	03	Urgently required
18	Sonocator	0	00	02	Urgently required
19	Furnace	00	00	02	Urgently required
20	Flame photometer	00	00	02	Urgently required
21	Polarimeter	00	00	02	Urgently required
22	CHN analyzer	00	00	1	Urgently required
23	Water deionizer	00	00	1	Urgently required

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54	Receiving flask	2	00	06	Urgently required
55	Desiccators	2	00	2	Urgently required
56	Dropping bottle	10	04	10	Urgently required
57	Viscometer	15	04	15	Urgently required
58	Iodine flask	10	2	00	Not required
59	Air condenser	5	00	5	Urgently required
60	Wall thermometer	2	00	2	Urgently required
61	Filtration assembly	2	00	00	Not required
62	Glass vials	50	10	50	Urgently required
63	Round bottom flask quick fit (50ml)	00	00	15	Urgently required
64	Round bottom flask quick fit (100ml)	00	00	15	Urgently required
65	Round bottom flask quick fit (500ml)	00	00	15	Urgently required
66	Round bottom flask quick fit (1000ml)	00	00	15	Urgently required

#### Chemicals

S.No	Item	Stock Amount	Consumed	Required	Remarks
1.	1-naphthol	00	00	100G	Urgently required
2.	1-naphthyl amine	00	00	50G	Urgently required
3.	2-naphthol	1kg	300g	500G	Urgently required
4.	2-propanol	00	00	500ML	Urgently required
5.	4-hydroxy benzoic acid	250g	100g	100G	Urgently required
6.	4-amino phenol	250g	10g	NIL	Not required
7.	4-nitro phenol	100g	0g	NIL	Not required
8.	2-nitro phenol	500g	50g	NIL	Not required
9.	4-amino benzoic acid	250g	25g	NIL	Not required
10.	Acetamide	100g	100g	500G	Urgently required
11.	Acetanilide	500g	20g	5G	Urgently required



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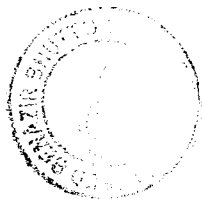
25	Graduated pipette 50ml	5	2	5	Urgently required
26	Graduated pipette 10ml	30	16	30	Urgently required
27	Graduated pipette 5ml	20	4	10	Urgently required
28	Hollow stopper	15	8	15	Urgently required
29	Iron stand clamp	30	--	20	Urgently required
30	Burner	00	--	60	Urgently required
31	Liepeg condenser	5	1	00	Not required
32	Micro pipettes	5	--	00	Not required
33	Pestal Mortal	3	2	5	Urgently required
34	Petri dish	20	5	00	Not required
35	Pipette filer	20	3	10	Urgently required
36	Round bottom flask 100ml	15	02	00	Not required
37	Round bottom flask 250ml	15	04	00	Not required
38	Round bottom flask 500ml	15	03	00	Not required
39	Round bottom flask 1000ml	15	02	00	Not required
40	Reagent bottle 100ml	50	05	00	Not required
41	Reagent bottle 250ml	50	03	00	Not required
42	Receiver adopter	15	02	00	Not required
43	Spatula	20	04	20	Urgently required
44	Test tube	500	48	500	Urgently required
45	Volumetric flask 100ml	30	22	60	Urgently required
46	Volumetric flask 250ml	30	13	20	Urgently required
47	Volumetric flask 50ml	00	00	50	Urgently required
48	Volumetric flask 25	00	00	50	Urgently required
49	Capillary tube	10	3	10	Urgently required
50	Fusion tube	00	00	200	Urgently required
51	Thermometer	30	08	30	Urgently required
52	Beaker	110	25	200	Urgently required
53	Separating funnel	20	06	20	Urgently required

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35.	Ammonia	1L	60ml	2L	Urgently required
36.	Ammonium chloride	1kg	200g	NIL	Urgently required
37.	Ammonium molybedate	250g	50g	NIL	Urgently required
38.	Amyl alcohol	00	00	1L	Urgently required
39.	Aniline	1liter	500ml	500ML	Urgently required
40.	Anise oil	00	00	10 ml	Urgently required
41.	Anthrone	00	00	100G	Urgently required
42.	Arabinose	00	00	25G-A	Urgently required
43.	Arachis oil	00	00	250MG-R	Urgently required
44.	Arginine	50g	30g	500G	Urgently required
45.	Ascorbic acid	1kg	100g	100G	Urgently required
46.	Asparagines	00	00	100G	Urgently required
47.	Aspartic acid	100G	50G	500G	Urgently required
48.	Aspirin power	00	00	1KG	Urgently required
49.	Atropine sulphate	00	00	500MG	Urgently required
50.	Benzaldehyde	00	00	500ML	Urgently required
51.	Benzamide	00	00	100G	Urgently required
52.	Benzene	1L	60ml	2L	Urgently required
53.	Benzil	00	00	500G	Urgently required
54.	Benzoyl chloride	00	00	250ML	Urgently required
55.	Benzyl chloride	00	00	2KG	Urgently required
56.	Biphenyl	00	00	1KG	Urgently required
57.	Borax	00	00	100G	Urgently required
58.	Boric acid	1kg	300g	1KG	Urgently required



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12.	Acetic acid	1L	200ml	3X1.5L	Urgently required
13.	Acetone	00	00	2L	Urgently required
14.	Acetonitril	1L	700ml	2L	Urgently required
15.	Acetophenone	1liter	100ml	5ML	Urgently required
16.	Acetyl chloride	00	00	250ML	Urgently required
17.	Acetyl choline bromide	00	00	100G	Urgently required
18.	Acetyl salicylic acid	00	00	1G	Urgently required
19.	Acriflavine	00	00	100G	Urgently required
20.	Acrylamide	1kg	500g	1KG	Urgently required
21.	Adenosine tri phosphate	00	00	10G	Urgently required
22.	Adipic acid	00	00	250G	Urgently required
23.	Agarose	00	00	50G	Urgently required
24.	Alanine	00	00	100G	Urgently required
25.	Albumin(bovine)	00	00	50G	Urgently required
26.	Alizarine red	00	00	500G	Urgently required
27.	Aluminium chloride	1kg	200g	100G	Urgently required
28.	Aluminium Oxide	1kg	800g	1kg	Not required
29.	Aluminium Hydroxide	1kg	200g	NIL	Not required
30.	Aluminium hydroxide	00	00	500G	Urgently required
31.	Amm oxalate	00	00	100G	Urgently required
32.	Amm. Bicarbonate	00	00	1KG	Urgently required
33.	Amm.sulphate	1kg	600g	1KG	Urgently required
34.	Amm. Iron sulphate	500g	100g	NIL	Not required

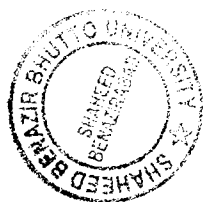
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82.	Chloral hydrate	00	00	47335-U	Urgently required
83.	Chloramines	00	00	1KG	Urgently required
84.	Chloro benzene	00	00	1L	Urgently required
85.	Chloroform	1L	80ml	2.5L	Urgently required
86.	Chloro acetic acid	1kg	100g	NIL	Not required
87.	Cinamic acid	00	00	100MG	Urgently required
88.	Cinnamon oil	00	00	1KG-K	Urgently required
89.	Citric acid	1kg	300g	500G	Urgently required
90.	Clove oil	00	00	100ML	Urgently required
91.	Cobalt chloride	00	00	50G	Urgently required
92.	Cobalt nitrate	250g	30g	50G	Urgently required
93.	Coconut oil	00	00	46949	Urgently required
94.	Cod liver oil	00	00	1G	Urgently required
95.	Copper sulphate	1KG	500G	50G	Urgently required
96.	Copper acetate	250g	20g	NIL	Not required
97.	Coriander oil	00	00	100G	Urgently required
98.	Coumarin	00	00	100G	Urgently required
99.	Creatinine	00	00	100G	Urgently required
100.	Cresol red solution	00	00	100ml	Urgently required
101.	Crystal violet	00	00	50G	Urgently required
102.	Cupric acetate	00	00	5G	Urgently required
103.	Cupric sulphate	00	00	B702X	Urgently required
104.	Cyclo hexane	1L	60ml	2L	Urgently required
105.	Cystine	00	00	100G	Urgently required



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59.	Bromine	00	00	100G	Urgently required
60.	Cadmium chloride	00	00	50G	Urgently required
61.	Caffeine	00	00	500G	Urgently required
62.	Calcium acetate	1kg	400g	500G	Urgently required
63.	Calcium carbonate	1kg	500g	500G	Urgently required
64.	Calcium chloride	2.5kg	1kg	NIL	Urgently required
65.	Calcium hydroxide	1kg	500g	500G	Urgently required
66.	Calcium lactate	00	00	250G	Urgently required
67.	Calcium oxide	1KG	100G	5G	Urgently required
68.	Calcium phosphate	1kg	400g	0.5KG	Urgently required
69.	Calcium stearate	00	00	2G	Urgently required
70.	Calcium sulphate	500g	400g	1KG	Urgently required
71.	Camphor	00	00	500G	Urgently required
72.	Canada balsam	00	00	25ML	Urgently required
73.	Carbon tetra chloride	00	00	100ML	Urgently required
74.	Carboxy methyl cellulose	00	00	1KG	Urgently required
75.	Cardamom oil	00	00	100G-K	Urgently required
76.	Carmine	00	00	25G	Urgently required
77.	Cellulose	00	00	1G	Urgently required
78.	Cellulose acetate phthalate	00	00	100G	Urgently required
79.	Ceric amm sulphate	00	00	100G	Urgently required
80.	Cetyl alcohol	00	00	500G	Urgently required
81.	Charcoal animal	00	00	1KG	Urgently required

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129.	Glass wool	00	00	50G	Urgently required
130.	Glucose	00	00	1KG	Urgently required
131.	Glutamic acid	00	00	G0355000	Urgently required
132.	Glutamine	00	00	100MG	Urgently required
133.	Glutaric acid	00	00	100G	Urgently required
134.	Glycerine	00	00	500ML	Urgently required
135.	Glycine	250g	200g	0.5KG	Urgently required
136.	Gum Arabic	00	00	500G	Urgently required
137.	Histidine	00	00	H0750000	Urgently required
138.	Hydro chloric acid	1L	900ml	2.5L	Urgently required
139.	Hydroquinone	1kg	150g	NIL	Urgently required
140.	ethyl cellulose	00	00	250G	Urgently required
141.	Iodine	500g	100g	100G	Urgently required
142.	Isatin	00	00	100G	Urgently required
143.	Lactose	00	00	1KG	Urgently required
144.	Lead acetate	1kg	20g	25G	Urgently required
145.	Leishman stain	00	00	25G	Urgently required
146.	Lenoline	00	00	250G	Urgently required
147.	Light green	00	00	25G	Urgently required
148.	Light magnesium carbonate	00	00	1KG	Urgently required
149.	light magnesium oxide	00	00	500G	Urgently required
150.	Litmus paper blue	00	00	37135-1EA	Urgently required
151.	Litmus paper red	00	00	37141-1EA	Urgently required
152.	Macconkey agar	00	00	250G	Urgently required



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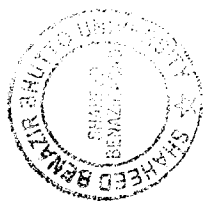
106.	Dextrose powder	00	00	1KG	Urgently required
107.	Di chloro methane	00	00	1L	Urgently required
108.	Ethylamine	1kg	30g	100G	Urgently required
109.	Di methyl aniline	00	00	100ML	Urgently required
110.	Di methyl formamide	00	00	1L	Urgently required
111.	Di methyl sulphoxide	00	00	5X10ML	Urgently required
112.	Di oxane	1L	700ml	1L	Urgently required
113.	Di phenyl carbazide	00	00	10G	Urgently required
114.	Di phenylamine	1kg	10g	242586-100G	Urgently required
115.	Di Pot. hydrogen phosphate	1kg	100g	NIL	Urgently required
116.	Ethanol	00	00	6X500ML	Urgently required
117.	Erichrome black tea	25g	5g	NIL	Not required
118.	Diethyl Ether	00	00	1L	Urgently required
119.	Ethyl acetate	1L	600ml	2L	Urgently required
120.	Ethyl cellulose	00	00	500g	Urgently required
121.	Ferrous sulphate	1kg	200g	NIL	Not required
122.	Ethylene diamine	1L	300ml	1L	Urgently required
123.	Ethylene diamine tetra acetic acid	00	00	-500G	Urgently required
124.	Ethylene glycol	00	00	1L	Urgently required
125.	Gallic acid	00	00	250G	Urgently required
126.	Gelatin	00	00	1KG	Urgently required
127.	Giemsa stain	00	00	5G	Urgently required
128.	Glactose	00	00	25G	Urgently required

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177.	Nickel chloride	00	00	50G	Urgently required
178.	Ninhydrin	00	00	10G	Urgently required
179.	Nitric acid	2.5L	1.2L	2.5L	Urgently required
180.	Nitro benzene	00	00	100G	Urgently required
181.	Nutmeg oil	00	00	W279307- SAMPLE-K	Urgently required
182.	Nutrient agar	00	00	500G	Urgently required
183.	Nutrient broth	00	00	500G	Urgently required
184.	Oleic oil	00	00	250ML	Urgently required
185.	Olive oil	00	00	500ML	Urgently required
186.	O-phosphoric acid	00	00	500G	Urgently required
187.	Orcinol	00	00	25G	Urgently required
188.	Oxalic acid	250G	150G	250G	Urgently required
189.	Palmitic acid	00	00	10G	Urgently required
190.	Paracetamol	00	00	P0300000	Urgently required
191.	Paraffin hard	00	00	Y0000780	Urgently required
192.	Paraffin oil	1L	600ml	2.5L	Urgently required
193.	Paraffin soft	00	00	Y0000913	Urgently required
194.	Perchloric acid	00	00	50ML	Urgently required
195.	Petroleum ether	00	00	1L	Urgently required
196.	Phenacetine	00	00	250G	Urgently required
197.	Phenol red	500g	20g	25G	Urgently required
198.	Phenolphthalein	100g	80g	100G	Urgently required
199.	Phenyl hydrazine hydro chloride	00	00	100G	Urgently required

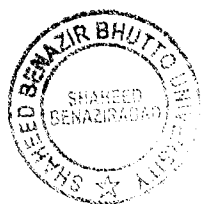


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153.	Magnesium carbonate	00	00	500G	Urgently required
154.	Magnesium chloride	500g	500g	1KG	Urgently required
155.	Magnesium oxide	500g	100g	NIL	Urgently required
156.	Magnesium sulphate	00	00	500G	Urgently required
157.	Malachite green	00	00	100G	Urgently required
158.	Maleic acid	00	00	-1KG	Urgently required
159.	Malic acid	00	00	100G	Urgently required
160.	Malonic acid	00	00	100G	Urgently required
161.	Maltose	500g	200g	500G	Urgently required
162.	Mannitol	00	00	1KG	Urgently required
163.	Menthol	00	00	100G-A	Urgently required
164.	Mercuric acetate	00	00	-50G	Urgently required
165.	Mercuric chloride	00	00	100G	Urgently required
166.	Methanol	1L	400ml	2L-R	Urgently required
167.	Methionine	00	00	-100G	Urgently required
168.	Methyl acetate	1liter	200ml	1liter	Urgently required
169.	Methyl Red	25g	20g	50G	Urgently required
170.	Methyl orange	25g	20g	250G	Urgently required
171.	Methyl paraben	00	00	47889	Urgently required
172.	Methyl Blue	50g	40g	100G	Urgently required
173.	Methyl salicylate	00	00	1L	Urgently required
174.	Naphthalene	100g	80g	1KG	Urgently required
175.	1-butanol	00	00	500ML	Urgently required
176.	n-hexane	1L	300ml	2L	Urgently required

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200.	Phenyl urea	00	00	500G	Urgently required
201.	Phloroglucinol	00	00	493	Urgently required
202.	Phosphotungstic acid	00	00	25G	Urgently required
203.	Phthalimide	00	00	1G	Urgently required
204.	Picric acid	00	00	100G	Urgently required
205.	Poly ethylene	00	00	250G	Urgently required
206.	Poly ethylene glycol	00	00	02393-1EA	Urgently required
207.	Poly vinyl alcohol	00	00	25G	Urgently required
208.	Poly vinyl chloride	00	00	250G	Urgently required
209.	Poly vinyl pyrrolidone	00	00	100G	Urgently required
210.	Pot. hydrogen phosphate	00	00	500G	Urgently required
211.	Potassium Iodide	500G	100G	100G-F	Urgently required
212.	Pot.bromide	00	00	100G	Urgently required
213.	Pot.carbonate	00	00	100G	Urgently required
214.	Pot.chloride	1kg	400g	500G	Urgently required
215.	Pot.chromate	1kg	500g	500G	Urgently required
216.	Pot.citrate	00	00	100G	Urgently required
217.	Pot.di hydrogen phosphate	250G	100G	100G	Urgently required
218.	Pot.dichromate	500g	200g	250G	Urgently required
219.	Pot.ferrocyanide	00	00	100G	Urgently required
220.	Pot.floride	00	00	5G	Urgently required
221.	Pot.Hydride	00	00	75G	Urgently required
222.	Pot.hydrogen phthalate	00	00	500G	Urgently required



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223.	Pot.nitrate	1kg	400g	500G	Urgently required
224.	Pot.permaganate	00	00	-500G	Urgently required
225.	Pot.sod.tartrate.	1kg	100g	-500G	Urgently required
226.	Pot.sulphate	00	00	-1KG	Urgently required
227.	Pot.Thiocyanate	00	00	-100G	Urgently required
228.	Povidon	00	00	50G	Urgently required
229.	Proline	00	00	P3350000	Urgently required
230.	Propylene glycol	00	00	-1KG-K	Urgently required
231.	Pthalic anhydride	00	00	-500G	Urgently required
232.	Pyridine	00	00	-100ML	Urgently required
233.	Pyrocatechol	00	00	100G	Urgently required
234.	Pyrogallol	250g	100g	100G	Urgently required
235.	Resorcinol	00	00	100G	Urgently required
236.	Silica Gel	1kg	600g	2.5kg	Urgently required
237.	Salisylic aid	1kg	600g	500g	Urgently required
238.	Silver nitrate	25g	20g	100g	Urgently required
239.	Sod bromide	00	00	100G	Urgently required
240.	Sod. Acetate	1kg	200g	NIL	Not required
241.	Sod. Carbonate	1kg	500g	1kg	Urgently required
242.	Sod. Nitrite	00	00	500G	Urgently required
243.	Sod. Nitrate	1kg	200g	NIL	Not required
244.	Sod.benzoate	00	00	1KG	Urgently required
245.	Sod.chloride	1kg	800	1kg	Urgently required
246.	Sod.hydrogen sulphate	00	00	-500G	Urgently required



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247.	Sod.hydrogen carbonate	1kg	800g	1kg	Urgently required
248.	Sod.lauryl sulphate	00	00	250G	Urgently required
249.	Sod.salicylate	00	00	500G	Urgently required
250.	Sodium tetraborate	1kg	300g	500g	Urgently required
251.	Sod. Hydroxide	5kg	2kg	2.5kg	Urgently required
252.	Sod. Sulphite	500g	100g	NIL	Not required
253.	Sod. Sulphate	500g	10g	NIL	Not required
254.	Sod. Thiosulphate	1kg	40g	NIL	Not required
255.	Sorbitol	00	00	125MG	Urgently required
256.	Starch	1kg	200g	250G	Urgently required
257.	Stearic acid	1KG	200G	5G	Urgently required
258.	Sulphur	00	00	1KG-R	Urgently required
259.	Succinamide	00	00	100G	Urgently required
260.	Succinic acid	00	00	250G	Urgently required
261.	Sucrose	00	00	250G	Urgently required
262.	Sulphanilamide	00	00	100G	Urgently required
263.	Sulphanilic acid	00	00	25G	Urgently required
264.	Sulphuric acid	00	00	2.5L	Urgently required
265.	Talcum	00	00	1KG	Urgently required
266.	Tannic acid	00	00	100G	Urgently required
267.	Tartaric acid	1kg	20g	1G	Urgently required
268.	N-phenyl thio urea	00	00	25G	Urgently required
269.	Thymol	00	00	100G	Urgently required
270.	Thymol blue	00	00	25G	Urgently required



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271.	Tin granular	00	00	100G	Urgently required
272.	Toluene	00	00	1L	Urgently required
273.	Tri chloro acetic acid	00	00	100G	Urgently required
274.	Triethanolamine	00	00	500ML	Urgently required
275.	Triethylamine	00	00	4X100ML	Urgently required
276.	Tryptophan	00	00	1G	Urgently required
277.	Turpentine oil	00	00	-1L	Urgently required
278.	Tween-80	00	00	500ML	Urgently required
279.	Universal ph paper	00	00	37037-1EA	Urgently required
280.	Urea	00	00	6X25ML	Urgently required
281.	Valine	00	00	V0030000	Urgently required
282.	Vaniline	00	00	500G	Urgently required
283.	Whatman filter paper	00	00	WHA1002042	Urgently required
284.	Hydrogenated Wool fat	00	00	H1426000	Urgently required
285.	Xylene (xylol)	00	00	1L-CB	Urgently required
286.	Xylose	00	00	X0200000	Urgently required
287.	Zein	00	00	500G	Urgently required
288.	Zinc chloride	250g	80g	-100G	Urgently required
289.	Zinc metal (granulated)	00	00	10G	Urgently required
290.	Zinc oxide	00	00	1KG	Urgently required
291.	Zinc sulphate	1kg	100g	100G	Urgently required



c/s

1-1-16