

SHAHEED MOHTARMA  
**BENAZIR BHUTTO**  
MEDICAL UNIVERSITY  
LARKANA

**TENDER DOCUMENTS**



M&R WORK OF PHARM-D (PHARMACY) DEPARTMENT AT  
SMBB MEDICAL UNIVERSITY, LARKANA

Issued to M/s. \_\_\_\_\_

**OFFICE OF THE PROJECT DIRECTOR SMBBMU, LARKANA**

Against Tender Documents Fees of Rs. 1,000/-, Dated: \_\_\_\_\_

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SHAHEED MOHTARMA  
**BENAZIR BHUTTO**  
MEDICAL UNIVERSITY LARKANA  
**Office of the Project Director**

Phone: +92-74-9410911, Fax: +92-74-475234, [www.smbbmu.edu.pk](http://www.smbbmu.edu.pk)

No. SMBBMU/E-W/P.D/2017/430

Dated: 02<sup>nd</sup> February, 2017

SAY NO TO CORRUPTION

**NOTICE INVITING TENDERS**

All the Pre Qualifications Contractors / firms / Parties meeting eligibility criteria, viz. having registration with Federal Board of Revenue (FBR) for income Tax, registration with the Sindh Revenue Board in case of Procurement of Works & Services. The case may be and are not blacklisted in any Procuring agency or authority, are invited to participate in sealed percentage/ item rate tender for the following work as per SPPRA Rules 2010 (amended 2013).

S.#	Name of Work	Tender Fee (Rs.)	Estimated Cost (Million)	Earnest Money	Completion Time
01	M&R Work of Pharm-D Pharmacy Department at SMBBMU, Larkana	1,000	0.996	2%	03 Months

**Eligibility:**

1. Valid Registration with Income Tax, Sales Tax, Sindh Revenue Board.
2. Valid certificate from Regional Electrical Inspector of concerned Region.
3. Valid Pakistan Engineering Council Registration if applicable.
4. Method of Procurement (Single Stage Single Envelope).
5. Bidding/Tender Documents:

i. **Issuance:** Documents will be issued from date of publication / hoisting i.e from **06-02-2017** to

**23.02.2017 (12:00) Noon**

ii. **Submission:** Last date will be **23-02-2017 up to 1:00 pm.**

iii. **Opening:** will be opened on **23.02.2017 at 2:00 pm.**

**2. Terms & Conditions:**

a. Under following conditions bid will be rejected:-

- i. Conditional and telegraphic bids/tenders.
- ii. Bids not accompanied by bid security and form.
- iii. Bids received after specified date and time.
- iv. Bids of black listed firms.

b. Bid Validity Period: **90 Days.**

c. Application should be accompanied with **2%** earnest money of tender amount in favour of Executive Engineer SMBB Medical University, Larkana the shape of call deposit. Without call deposit, the tender will not be issued.

d. The firms/contractors should have successfully completed at least two contracts of equivalent value and of same nature of work done during last three years specially related to structural works.

e. If the undersigned or any member of the Procurement Committee remains out of head quarter on date of opening of tenders, the same will be opened on the next working day at the same time as mentioned above.

f. In case of firm, list of partners/partnership deed, giving full particulars of Director / Proprietor or other connected along with power of attorney or being sole proprietor such undertaking on affidavit is to be furnished.

g. Procuring Agency reserves the right to reject all or any bids subject to the relevant provisions of Sindh Public Procurement Rules 2010.

*The Procuring Agency reserves the right to reject any or all bids subject to relevant provisions of SPP Rules, 2010 and may cancel the bidding process at any time prior to the acceptance of a bid or proposal under Rule-25" of said Rules.*

  
**Project Director**

(By the order of Vice Chancellor)

SMBB Medical University Larkana

Phone No. 074-9410911 Fax: 074-475234

Email: [waheedmangi@yahoo.com](mailto:waheedmangi@yahoo.com)

SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY  
LARKANA

Form B-1  
Project Wing

Percentage rate tender and Contract for works

GENERAL RULES & DIRECTIONS FOR GUIDANCE OF CONTRACTORS:

1. All work proposed to be executed by Contractor shall be notified in a form of invitation to tender from pre-qualified firms/Contractor(s).  
  
This form will state the work to be carried out the date for submitting and opening tenders, the time allowed for carrying out the work; the amount of earnest money to be deposited with the tender, the amount of the security deposit to be deposited by the successful tenderers and the percentage. If any, to be deducted from bills, it will also state whether refund of quarry fees royalties, octroi dues and ground rents will be granted. Copies of the specifications, designs, drawings, estimated rates, schedule rates and any other documents, required in connection with the work shall be signed by the Project Director for the purpose of identification, and shall also be open for inspection by Contractors at the Office of the Project Director during office hours.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof, or in the event of the absence of any partner, it shall be signed on his behalf by a person holding a power-of-attorney authorizing him to do so.
3. Receipts for payments made on account of any work, when executed by a firm, shall also be signed by all the partners, or in the event of the absence of any partner or all partners by a person holding power of attorney to do so.
4. Any person who submits a tender shall fill up the usual printed form, stating at what percentage above or below the rates specified in Schedule "B" (memorandum showing items of work to be carried out), he is willing to undertake the work. Only one rate of such percentage, on all the schedule rates shall be formed. Tenders, which propose any alternation in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if Contractors wish to tender for two or more works they shall submit a separate tender for each. Tenders shall have the name and number of the work to which they refer written on the envelope.
5. The Project Director or his duly authorized Assistant shall open tenders in the presence of Contractors who have submitted tenders or their representatives who may be present at the time, and he will enter the amount of the several tenders in a comparative statement in suitable form.

In the event of tender being accepted, the contractors shall for the purpose of identification, sign copies of the specifications and other documents mentioned in Rule-I. In the event of a tender being rejected, the Project Director shall arrange refund of the amount of the earnest money deposited by the Contractor making the tender, on his giving a In the event of a tender being accepted, the Contractors shall for the purpose of receipt for the return of the money.

6. The Officer competent to dispose of the tender shall have the right of rejecting all or any of the tenders.
7. No receipt for any payment alleged to have been made by a contractor in regard to any matter relating to his tender or the contract shall be valid and binding on the SMBBMU Larkana unless it is signed by the Registrar/Project Director.
8. The memorandum of work to be tendered for and the schedule of materials if any to be supplied by the SMBBMU, Larkana and their rates shall be filled in and completed by the office of the Project Director before the tender form is issued to an intending tenderer has not been so filled in and completed, he shall request the said offices to have this done before he completes and delivers his tender.
9. All work shall be measured not by standard measure and according to the rules and customs of the Public Works Department/SMBBMU Larkana without reference to any local custom.
10. Under no circumstances shall any Contractor be entitled to claim enhanced rates for any items in this contract.

Provided that any variation in the cost of Government Controlled or monopolized items will: be adjusted to the extent of actual variation in the cost of such items in accordance with the condition of the contract.

## TENDER FOR WORK

In figures as well as in words.

I / We hereby tender for the execution, for the Shaheed Mohtarma Benazir Bhutto Medical University, Larkana (hereinbefore and herein after referred to as "SMBBMU") of the work specified in the under written memorandum within the time specified in the under memorandum at percent below/above the estimated rates entered in Schedule-B (memorandum showing items of work to be carried out) and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in para 1 Clause-1 hereof and in Clause-12 of the annexed conditions of contract and agree that when materials for the work are provided by the SMBBMU Larkana such materials and the rates to be paid for them shall be as provided in Schedule-A.

### MEMORANDUM

a) If several sub work are included they should be detailed in a separate list.

b) Estimated Cost

c) The amount of earnest money to be deposited shall be in accordance with the provisions of paras 515 and 516 of the P.W.D. Manual.

d) The deposit at all be in accordance with paras 515 and 521 of the P.W.D. Manual.

e) This percentage where no security deposit is taken will vary from 5 percent to 10 percents according to the requirements of the case. Where security deposit is taken see note to Clause-1 of conditions of contract.

f) Give schedule where necessary showing dates by which the various items are to be complete

a) General Descriptions.

b) Estimated Cost

c) Earnest Money

d) Security deposit (including earnest money)

e) Percentage, if any, to be deducted from Bills. - (Rupees percent).

f) Time allowed for the work from date of written order to commence.

Rs.

Rs.

Rs.

Rs.

Months.

Should this tender be accepted I / We hereby agree to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto as far as applicable the sums of money mentioned in the said conditions.

Amount to be specified in Words and Figures.

Receipt No. or call deposit No. \_\_\_\_\_ dated from \_\_\_\_\_  
Government Treasury of Bank at \_\_\_\_\_ in respect of the \_\_\_\_\_  
sum of Rs. \_\_\_\_\_ is herewith forwarded representing the  
earnest money.

a) Strike out if no cash security deposit is to be taken.

a) The full of which is to be absolutely forfeited to the SMBBMU Larkana should I / We not deposit the full amount of security deposit specified in the above memorandum, in accordance with Clause-1 (A) of the said conditions, otherwise the said sum of Rs. \_\_\_\_\_ shall be retained by the SMBBMU Larkana on account of such security deposit as forfeited or (b) the full value of which shall be retained by the SMBB on account of the security deposit specified in Clause-I (B) of the said conditions.

Signature of Contractor before submission of tender.

(Witnesses)

(Address)

||  
(Occupation);

Signature of the witness of contractor's signature.

Signature of the Officer by whom accepted.

The above tender is hereby accepted by me on behalf of the Shaheed Mohtarma Benazir Bhutto Medical University Larkana (SMBBMU).

Executive Engineer  
(or his duly authorized Assistant)

Dated: The \_\_\_\_\_ Day of \_\_\_\_\_ 20

## CONDITIONS OF CONTRACTS

Security Deposit

Clause-I: The person/persons whose tender may be accepted (hereinafter called the Contractor) shall (a) [(Within one day for a Contract of Rs. 1,000 or less, or two days for a contract of more than Rs. 1,000 upto Rs. 2,000 and so on upto a limit of ten days, for a contract of Rs. 10,000 or more of the receipt by him of the notification of the acceptance of his tender) deposit with the Project Director in cash or Shaheed Mohtarma Benazir Bhutto Medical University, Larkana (SMBBMU) securities endorsed to the Project Director (if deposited for more than 12 months) a sum sufficient with the amount of the earnest money deposited by him with his tender to make up the full security deposit specified in the tender] or (b) [permit Shaheed Mohtarma Benazir Bhutto Medical University, Larkana (SMBBMU) at the time of making any payment to him for work done under the contract to deduct such sum as well (which the earnest deposited by him) amount to

\_\_\_ Percent of all moneys so payable, such deductions to be held by Shaheed Mohtarma Benazir Bhutto Medical University, Larkana (SMBBMU) by way of security deposit]. Provided always that in the event of the contractor depositing a Lump sum by way on security deposit as contemplated at (A) above, then and in such case, if the sum of deposited shall not amount to

---, - \_\_\_ %:- percent of the total estimated cost of the work, it shall be lawful for Shaheed Mohtarma Benazir Bhutto Medical University, Larkana (SMBBMU) as the time of making any payment to the contractor for work done under the contract to make up the full amount of percent. By deducting a sufficient sum from every such payment as last aforesaid. All compensation or other sums of money payable by the contractor to Shaheed Mohtarma Benazir Bhutto Medical University, Larkana (SMBBMU) under the terms of his contract may be deducted from, or paid by the scale of a sufficient part of his security deposit, or from the interest arising there from, or from any sums which may be due or may become due by Shaheed Mohtarma Benazir Bhutto Medical University, Larkana (SMBBMU) to the Contractor on any account whatsoever, and in the event of his security deposit being reduced by reason of any such deduction of scale as aforesaid, the contractor shall, within ten days thereafter, make good in cash or Shaheed Mohtarma Benazir Bhutto Medical University Larkana (SMBBMU) securities endorsed as aforesaid any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit referred to, when paid in cash may, at the cost of the depositor, be inverted into interest-bearing securities provided that the depositor has expressly desired his in writing.

Compensation for delay.

If the amount of the security deposit to be paid in a lump sum within the period specified at (A) above is not paid tender/contract already accepted shall be considered as cancelled and legal steps taken against the contractor for recovery of the amount.

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. The Project Director, shall however, exercise his discretion to refund security deposit to the contractor either after three months from the date of completion of work or later along with the final bill if it is prepared after that period on account of some unavoidable circumstances.

Note: A work shall be considered as completed for the purpose of refund of security deposit to a contractor from the last on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the date of recording the final measurements.

Clause 2:- The time allowed for carrying out the work as entered in the tender shall be security observed by the contractor and shall be reckoned from the date on which the order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceeded with, with all due diligence (time being deemed to be of the essence of the contract on the part of the contractor) and contractor shall pay as compensation an amount equal to one percent or such smaller amount as the Project Director (whose decision in writing shall be final) may decide of the estimated cost of the whole work as shown by the tender for every day date the work remains uncompleted or finished after the prosper dates and further to ensure good progress during the execution of the work, the contractor shall be bound, in all cases in which the time allowed for any exceeds one month to complete.

of the work in	of the time
, do.	do
do.	do

Note:- The quantity of the work to be done within a particular time to be specified above fixed and inserted in the blank space kept for the purpose by the Officer competent to accept the contractor after taking into consideration the circumstances of each case.

The following proportions will usually be found suitable

In  $\frac{1}{4}$   $\frac{1}{2}$   $\frac{3}{4}$  of the time.

Reasonable progress of earth work .....  $\frac{1}{6}$   $\frac{1}{2}$   $\frac{3}{4}$  of the  
 Do. . do.. of masonry work .....  $\frac{1}{10}$   $\frac{4}{10}$   $\frac{8}{10}$  do do

In the event of the contractor failing to comply with this condition he shall be liable to pay as compensation an amount of one percent, or such smaller amount as the Project Director (whose decision in writing shall be final may decide of the said stimated cost of the whole work for every day that the due quantity of work remain incomplete; provided always that total amount of compensation to be paid under the provision of this clause shall not exceed 10 percent of the estimated cost of the work as shown in the tender.

Action when whole  
security deposit is  
forfeited.

**Clause-3:-** In any case in which under any clause or clauses of this contract the contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit (whether paid in one sum or deducting by installments) or in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause, the Project Director on behalf of the (SMBBMU) shall have power to adopt any of the following courses, as he may deem best suited to the interests of Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana.

To rescind the contract (of which rescission notice in writing to the contractor under the hand of the Project Director shall be conclusive evidence) and in that case the security deposit of the contractor shall stand forfeited and be absolutely at the disposal of Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana.

To employ labour paid by the Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana.

- a) and to supply materials to carry out the work, or any part of the work, debiting the contractor with the cost of the labour and the price of the materials (as to the correctness or which cost and price the certificate of the Incharge Engineer shall be final and conclusive against the contractor) and crediting him with the value of the work done, in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the terms of his contract, and in that case the certificate of the Incharge Engineer as to the value of the work done shall be final and conclusive against the contractor.
- b) To measure up the work of the contractor and to take such part thereof as shall be unexecuted out of the hands, and to give it to another contractor to complete it, in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor if the whole work had been executed by him (as to the amount of which excess expenses the certificates in writing of the Incharge Engineer shall be final and conclusive) shall be borne and paid by the original contractor and shall be deducted from any money to him by Shaheed Benazir Bhutto Medical University, Larkana (SMBBMU).
- c) under the contract or otherwise or from his security deposit or the proceeds of sale thereof, or a sufficient part thereof.

In the event of any of the above courses being adopted by the Incharge Engineer, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchases 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. And in case the contract shall be rescinded under the provision aforesaid, the contractor shall not be entitled to

recover to be paid any sum for any work therefore actually performed by him under this contract unless and until the Incharge Engineer shall have certified in writing the performance of such work and the amount payable in respect thereof, and he shall only be entitled to be paid the amount so certified.

Action when the progress of any particular portion of the work is unsatisfactory.

Clause-4:- If the progress of any particular portion of the work is unsatisfactory Incharge Engineer shall, notwithstanding that the general progress of the work is in accordance conditions mentioned in Clause 2, be entitled to take action under Clause 3 (b) after giving the contractor 10 days notice in writing. The contractor will have no claim for compensation for any loss sustained by him owing to such action.

Contractor remains able to pay compensation if action not taken under Clause-3 and 4.

Clause-5:- In any case in which any of the powers conferred upon the Incharge Engineer by Clause-3 and 4 thereof shall have become exercisable and the same shall not have been exercised the non exercise thereof shall not constitute a waive or any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor.

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This will be the same percentage as that in the tender at (c).

Power to take possession of or require removal of or sell contractors plant.

The amount of this percentage (not exceeding 10 percent) will be fixed in every case to suit requirements, e.g. if it is fixed as 8 percent of the estimated cost of the work then 3 percent should be deducted from every payment, if the percentage is fixed at 10 percent and the security deposits only amounts to 6 percent should be deducted and so on, for which under any clause or clauses hereof is declared liable to pay compensation amounting to the whole of his security deposit and the liability of the contractor for past and future compensation shall remain unaffected. In the event of the Incharge Engineer taking action under sub clause (a) or (c) of Clause 3, he may if he so desires, take possession of all or any tools, plants, materials and stores in or upon the works, of the site thereof or belonging to the contractor or procured by him and intended to be used for the execution of the work or any part thereof, paying or allowing for the same in account at the contract rate, or in the case of contract not being applicable, at current market rates to be certified by the Incharge Engineer in consultation with the consultants whose certificate thereof shall be final. In the alternative the Incharge Engineer may, after giving notice in writing to the contractor or his clerk of the work foreman or other authorized agent require him to remove such tools, plants, materials or stores from the premises within a time to be specified in such notice and in the event of the contractor failing to comply with any such requisition, the Incharge Engineer may remove them at the contractor's expenses or sell them by auction or private sale on account of the contractor and at his risk and costs in all respects, and the certificate of the Incharge Engineer in

consultation with the consultants as to the expenses of any such removal and the amount of the proceeds any expenses of and such be final and conclusive against the contractor.

Extension of time.

Clause 6:- If the contractor shall desire an extension of the time for completion of the work on the ground of his having been unavoidably hindered in its execution or on any other ground, he shall apply in writing to the Project Director within 30 days from the date on which the ground for asking for extension arose and in any case before date of completion of the work, and the Project Director may, if in his opinion there are reasonable grounds for granting an extension grant such extension as he deems necessary or proper. The decision of the Project Director in this matter shall be final.

Provided that where the contractor is hindered in the execution of the work on account of any act or omission on the part of the Shaheed Mohtarma Benazir Bhutto Medical University(SMBBMU), Larkana.

or its authorized officers; the Project Director may at any time before the date of completion and on his own initiative extend the time for completion of the work for such period as he may deem necessary or proper.

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 order, 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 and all clauses of the contract shall continue to be operative during the extended period.

Final Certificate.

Clause-7:- On completion of the work the contractor shall be furnished on the recommendation of the consultants with a certificate by the Incharge Engineer/Sub, ordinate Incharge (hereinafter called the Engineer Incharge) of such completion, but on such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed from premises on which the work shall have been executed all scaffolding surplus materials and rubbish, and shall have cleaned of the dirt from all woodwork doors, windows, wells, floors, or other parts of any building in or upon which the work has been executed, or of which he may have had possession for the purpose of executing the work, nor until the work shall have been checked by the Engineer in charge or the measurements have been taken by the contractor have received the approval of the consultants. the said measurements being binding and conclusive against the contractor. If the contractor shall fail to comply with the requirements of this clause as to the removal of scaffolding, surplus materials and rubbish and cleaning on dirt on or before the date fixed for the completion of the work, the Engineer in charge, may at the expense of the contractor, remove such scaffolding, surplus material and rubbish and dispose off the same as he thinks fit and clean of such dirt as aforesaid, and the contractor shall forthwith pay the amount of all

expense so incurred, but shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Payment of intermediate certificate to be regarded as advances.

Clause-8> No payment shall be made for any work, estimated to cost less than rupees five hundred till after the whole of the work shall have been completed and a certificate of completion given. But in the case of works estimated to cost more than rupees five hundred, the contractor, shall on submitting bill therefore, as provided in clause- 10 be entitled to receive payment proportionate to the part of the work then approved by the consultants and passed by the Engineer in charge, whose certificate of such approval and passing of the sum so payable shall be final and conclusive against the contractor. All such intermediate payments shall be regarded as payments by way of advance against the final payments only and not as payments for work actually done and completed, and shall not preclude the Engineer in charge and the consultants from requiring any bad, unsound, imperfect or unskillful work to be removed or taken away and reconstructed, or re-erected not shall any such payment be considered as an admission of the due performance of the contract or any part thereof in any respect or the accruing of any claim, nor shall it conclude, determine, or affect in any other way the power or the Engineer in charge as to the final settlement and adjustment of the accounts or otherwise, or in any way vary or affect the contract. The final bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer in charge's total amount payable for the work shall be final and binding on all parties.

Payment at reduced rates on account of item of work not accepted as completed to be at the discretion of the Engineer In-charge.

Clause.-9:- The rates for several items of works estimated to cost more than Rs. 1,000 agreed to within shall be valid only when the item concerned is accepted as having been completed fully in accordance with the sanctioned specifications. In cases where the items of work are not accepted as \_ completed the Engineer in charge may make payment on account of such items at such reduced rates as he may consider reasonable in consultation with the consultants in the preparation of final or on account bills.

Bills to be submitted monthly.

Clause 10:- A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all the work executed and not including in any previous bill and the consultants shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill and the measurements under this clause shall be made in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient warrant and the consultants may prepare a bill from such list which shall be binding on the contractor in all respects.

Bills to be on printed forms.

Clause 11:- The contractor shall submit all bills on the printed forms to be had on application at the office of the Engineer in

Charge. The charges to be made in the bills shall always be entered at the rates specified in the tender on in the case of any extra .. work ordered in pursuance of these conditions, and not mentioned or provided for in the tender at the rates hereinafter provided for such work.

*Store supplied by SMBBMU.*

Clause 12:- If the specification or estimate of the work provides for the use of any special description of materials to be supplied from the store of the Shaheed Mohtarma Benazir Bhutto Medical University(SMBBMU), Larkana, if it is required that the contractor shall use certain stores to provided by the Engineer in charge (such material and stores and the prices to be charged therefore as hereinafter mentioned being so far as practicable for the convenience of the contractor but not so "as in any way to control the meaning of effect of his contract specified in the schedule of memorandum hereto annexed) the contractor shall be supplied with such materials and stores as may be required from time to time to be used by him for the purpose of the contract only and the value of the full quantity of the materials and stores so supplied shall be set off or deducted from any sums due, or thereafter to become due to the contractor under the contract, or otherwise, or if the security deposit is held in Shaheed Mohtarma Benazir Bhutto Medical University(SMBBMU), Larkana, securities the same or a sufficient portion thereof shall in that case be sold for the purpose. All materials supplied to the contractor shall remain the absolute property of Shaheed Mohtarma Benazir Bhutto Medical University(SMBBMU), Larkana and shall on no account be removed from the site of the .work, and shall at all times be open to inspection by the Engineer in charge. Any such materials unused and in perfectly good condition at the time of completion on determination of the contract shall be returned to the Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana store, if the Engineer in charge so requires by a notice to return any such materials except with the consent of the Engineer in charge and he shall have no claim for compensation on account of any such material supplied to him as aforesaid but remaining unused by him, or any, wastage in or damage to any such materials.

*Works to be executed in accordance with specifications drawings orders etc.*

Clause 13:- The contractor shall execute the whole and every part of the work in the most substantial and workman like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of Project Director and initiated by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawings and instruction in writing relating to the work signed by the Engineer in charge and lodged 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 expenses to make or cause to be made copied of the specifications, and of all such designs, drawings and instructions as aforesaid.

*Alternation in specification and designs invalidate not be contractor*

Clause 14:- The Engineer in charge on recommendations of the consultants any alternations in or additions to the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work and the contractor shall be bound to carry out of the work, in accordance with any instructions in this connection which may be given to him in writing by the Engineer in charge and such alternations shall not invalidate the contract, and any altered or additional work which the contractor may be directed to do in the manner above specified subject to the limit laid down in clause 38 below as part of the work shall be carried out by the contractor on the same conditions in all respects on which he agree to do the main work. The time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work, and the certificate of the Engineer in charge as to such proportion that the additional work bears to the original additional work includes any class of work for which no rate is specified in its contract, then such class of work shall be paid for at ( ) percent below/above the rate shown for such work in the schedule of rates and if such last mentioned class of work is not entered in the schedule of rates then the contractor shall order to carry out the work inform the Engineer in charge of the rate which it is his intension to charge for close 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, then he shall allow him that rate, but if the Engineer in charge does not agree to this rate he shall by notice, in writing be at liberty to cancel his order to carry out such class of work, and arrange to carry it out in such manner as he may consider advisable, provided always that if the contractor shall commence work or incur any expenditure in regards there to, before the rates shall have been determined as lastly hereinbefore mentioned then in such case he shall only be entitled to be paid in respect of the work carried out for expenditure incurred by him prior to the date of the determination of the rate as aforesaid according to such rate of rates as shall be fixed by the Engineer in charge. In the event of a dispute, the decision of the Project Director will be final.

*No claim to any payment or compensation for alternation in or restriction of work.*

Clause 15:- If at any time after the execution of the contract documents the Engineer in charge shall for any reason whatsoever not required the whole or any part of the work specified in the tender to be carried out at all or carried out by the contractor, he shall give notice in writing of the fact to the contractor, who shall there upon have no claim to any payment of compensation whatsoever on account of any profit or advantage which he might be derived from the execution of the work in full but which he did not so derive in consequence of the full amount of the work not having been carried out, neither shall he have any claim for compensation by reason of any alternations, having been made in the original specifications, drawings, designs and instructions which may involve any

of unforeseen

Curtailment of the work as originally contemplated. Where materials have already been collected at site of the work before the receipt of the said notice to stop or curtail the work, the contractor shall be paid for in excess of requirements and are approved quality.

and compensation  
in case of bad

Clause 16:- Under no circumstances whatever shall the contractor be entitled to any compensation from Shaheed Mohtarma Benazir Bhutto Medical University(SMBBMU), Larkana on any account unless the contractor shall have submitted a claim in writing to the Engineer in charge within one month of the cause of such claim occurring.

be open to  
on.

Clause 17:- If at any time before the security deposit is refunded to the contractor, it shall appear to the Engineer in charge or his subordinate in charge or the consultants of the work, that any work has been executed with unsound imperfect or unskilled workmanship or with material of inferior quality, or that any material or articles provided by him for the execution of the work are unsound, or of a quality inferior to that contracted for, or are otherwise not in accordance with the contract, shall be lawful for Engineer-in-charge to intimate this fact in writing to the contractor and then notwithstanding the fact that the work, material or articles complained of may have been in-adherently passed, certified and paid for 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 or if so required, shall remove the materials or articles so and provide other proper and suitable materials or articles so and provide other proper and suitable materials or articles at his own proper charge and cost; and in the event of his failing to do so within a period to be specified by the Engineer in charge in the writing intimation aforesaid, the contractor shall be liable to pay compensation at the rate of one percent. On the amount of the estimate for every day not exceeding ten days, during which the failure so continues, and in the case of any such failure the Engineer in charge 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, should the Engineer in charge consider that any such interior work or materials as described above may be accepted or made use of, it shall be within his description to accept the same at such reduced rates as he may fix therefore.

Clause 18:- All works under or in course of execution or executed in pursuance of the contract shall at all times be open to the inspection and supervision of the Engineer in charge or his subordinates and the consultants and the contractor shall all times during the usual working hours, and at all other times at which reasonable notice of the intension of the Engineer in charge or his subordinate, or the consultants to visit the work shall have been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent

duly accredited in writing present for the purpose. Orders given to the Contractor's duly authorized agent shall be considered to have the same force and effect as if they had been given to the contractor himself.

Notice to be given before work is covered up.

Clause 19:- The contractor shall give not less than five days notice in writing to the Engineer in charge or his subordinate in charge or the work, and the consultants before covering up or otherwise placing beyond the reach or measurement any work in order that the same may be measured, and correct dimensions thereof taken before the same is so covered up or placed beyond the reach measurement, and shall not cover up or place beyond the reach of measurement any work without the consent in writing of the Engineer in charge or his subordinate in charge of the work and the consultants and if any work shall be covered up or placed beyond the reach of measurement without such notice having been given to consent obtained, the same shall be uncovered at the Contractor's expense, and in a default there of no payment or for the materials with which the same was executed.

Contractor to be reliable for damage done, and for imperfection for three months after certificates.

Clause 20:- If the contractor or his workmen, or servants shall break defect injure or destroy any part of a building in which they may be working, or any building, road, fence, enclosure or grass and or cultivated ground contiguous to the premises on which the work or any part thereof is being executed, or if any damage shall be done to the work, while it is in progress from any cause whatever of if any imperfections become apparent in it within three months of the grant of a certificate of completion, final or otherwise, by the Engineer in charge the contractor shall make good the same at his own expense, or in default, the Engineer in charge in consultation with consultants may cause the same to be made good by other workmen, and deduct the expenses of (which the certificate of the Engineer in charge shall be final) from any sums that may then be due or may thereafter become due to the contractor, or from his security deposits or the proceeds of sale thereof, or of a sufficient portion thereof.

Contractor to supply plants, ladders, scaffoldings, etc.

Clause 21:- The contractor shall supply at his own cost all material (except such special material if any, as may, in accordance, with the contract, be supplied from the Shaheed Mohtarma Benazir Bhutto Medical University(SMBBMU), Larkana plants, tools, appliances, implements, ladders, cordage, tackle, scaffolding and temporary work requisite or proper for the execution of the work, whether in the original, altered or substituted from and whether included in the specification, or other documents, forming part of the contract of referred to in these conditions or not, and which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer in charge as to any matter as to which under these conditions he is entitled to be satisfied or which he is entitled to require together with carriage therefore to any from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials necessary for

the purpose of setting out works, and counting, weighing and assisting in the measurement or examination at any time and from time to time of the work or the materials. Failing this the same may be provided by the Engineer in charge at the expenses of the contractor and the expenses may be deducted from any money due to the contractor under the contract, or from his security deposit or the proceeds of sale thereof, or of a sufficient portion thereof. The contractor shall provide all necessary fencing and lights required to protect the public from accident, and also be bound to bear the expenses of defense of every suit, action or other legal proceedings, that may be brought by any person for injury sustained owing to neglect of the above precautions, and to pay any damages and costs which may be awarded in any such, suit action or proceedings to any such person, or which may with the consent of the contractor be paid for compromising any claim by any such person.

*Measures for prevention of fire.*

Clause 22:- The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Incharge Engineer.

When such permit is given, and also in all cases when destroying cut or dug up 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 shall make his own arrangements for drinking water for the labour employed by him.

*Liability of contractor for any damage done in or outside work area.*

Clause 23:- Compensating for all damage done intentionally or on unintentionally by contractor's labour whether in or beyond the limits of Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana property including any damage, caused by the spreading of fire mentioned in Clause-22 shall be estimated by the Engineer in charge or such other officers as he may appoint and the estimates of the Engineer in charge subject to the decision of the Project Director on appeal shall be final and the contractor shall be bound to pay the amount of the assessed compensation on demand failing which the same will be recovered from the contractor as damages in the manner prescribed in Clause-1 or deducted by the Engineer in charge from any sums that may be due or become due from Shaheed Mohtarma Benazir Bhutto Medical University(SMBBMU), Larkana to the contractor under this contract or otherwise. The Contractor shall bear the expenses of defending any action or other legal proceedings that may be brought by any person for injury sustained by him owing to neglect of precaution to prevent the spread of fire and he shall pay any damages and cost that may be awarded by the court in consequence.

*Employment of female labour.*

Clause 24:- The employment of female labourers on work in the neighborhood students hostels should be avoided as far as possible.

*Work on Sunday.*

**Clause 25:-** No work shall be done on a Sunday without the sanction in writing of the Engineer in charge.

*Work not to be sublet.*

**Clause 26:-** The contract shall not be assigned or sublet without the written approval of the Engineer in charge. And if the contractor shall assign or sublet his contract or attempt so to do, or become insolvent or commence any proceedings to be adjudicated on insolvent or make any composition with his creditors, or attempt so to do, the Engineer in charge may by notice in writing rescind the contract. The contractor shall keep full, and true accounts in respect of the contract works in the regular course of business and shall whenever called upon by the Engineer in charge by notice in writing, produce them for inspection by him or by any officer appointed by him in that behalf. Also if any bribe, gratuity, gift, loan, reward or advantage pecuniary or otherwise, shall either directly or indirectly be given, promised or offered by the contractor or any of his servants or agents to any public officer or person in the employ of Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana in any way relating to his office or employment or if any such officer or person shall become in any way directly or indirectly interested in the contract or if the contractor does not keep accounts or fails to produce them as aforesaid the Engineer in charge may by notice in writing rescind the contract. In the event of a contract being rescinded the security deposit or the contract shall there upon stand forfeited and be absolutely at the disposal of Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana and the same consequence shall ensue as if the contract had been rescinded under Clause-3 hereof and in addition the contractor shall not be entitled to recover be paid for any work therefore actually performed under the contract.

*Contract may be rescinded and security deposit forfeited for subletting it without approval or for bribing a public officer or if contractor become insolvent.*

*Sum payable by way of compensation to be considered as reasonable compensation without reference to actual loss.*

**Clause-27:-** All sums payable by a contractor by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the use of Shaheed Benazir Bhutto Medical University, Larkana (SMBBMU) without reference to the actual loss or damage sustained, and whether any damage has or has not been sustained.

*Change in constitution of firm to be notified.*

**Clause-28:-** In the case of a tender by a firm any change in the constitution of a firm shall be forthwith notified by the contractor to the Engineer in charge for his information.

*Work to be under direction of Project Director.*

**Clause-29:-** All works to be executed under the contract shall be executed under the direction and subject to the approval in all respects to the Project Director for the time being, who shall be entitled to direct at what point or points and in what manner/they are to be commenced, and from time to time carried out.

*Decision of Project Director to be final.*

**Clause-30:-** Except where otherwise specified in the contract and subject to the powers delegated to him by Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana under the Code rules then in force, the decisions of the Project Director

for the time being/shall be final, conclusive, and binding on all parties to the contract upon all questions relating to the meaning of the specifications, drawing, design and instructions hereinbefore mentioned and as to the quality of workmanship or materials used on the work, or as to any other question, claim, right, matter or the thing whatsoever in any way arising out of, or relating to the contract, design, drawing, specifications, estimates instructions, orders or these conditions or otherwise concerning the work, or the execution, or failure to execute the same, whether/arising, during the progress of the work, or after the completion or abandonment thereof.

*Stores of European or American manufacture to be obtained from Shaheed Benazir Bhutto Medical University Larkana*

Clause-31:- The contractor shall obtain from the SMBBMU Larkana stores, all stores and articles of European or American manufacture which may be required for the work or any part thereof or in making up any articles required thereof or in connection therewith, unless he has obtained permission in writing from the Engineer in charge to obtain such stores and articles else where. The value of such stores and articles else where. The value of such stores and articles as may be supplied to the contractor by the Engineer in charge will be debited to the contractor in his account at the rates shown in the schedule in Form A attached to the contract shall be debited to him at cost price which for the purpose of the contract shall include the cost of carriage and all other expenses whatsoever, Which shall have been incurred in obtaining delivery of the same at the stores aforesaid.

*lump sum in estimates.*

Clause-32:- When the estimate on which a tender is made includes lump sums in respect of parts of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under this contract for such items, or if the part of the work in question is not in the opinion of the Engineer in charge capable of measurement, the Engineer in charge may at his discretion pay the lump sum amount entered in the estimate, and the certificate in writing of the Engineer in charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of this Clause.

*Action where no specification.*

Clause-33:- In the case of any class of work for which there is no such specification as is mentioned in Rule I such work shall be carried out in accordance with the standard specification, and in the event or there being no standard specification then in such case the work shall to carried out in respects in accordance with the instructions and requirements of the Engineer in charge in consultation with the Consultants.

*Definition of works.*

Clause-34:- The expression "Work" or "Works" where used in these conditions shall, unless there be something in the subject of context repugnant to such construction to constructed to mean the work or works contracted to be executed under or in virtue of the contract, whether temporary or permanent and whether original, altered, substituted or addition.

*Contractors percentage whether applied to net or gross amount of bill.*

Clause-35:- The percentage referred to in the tender shall be deducted from/added to the gross amount of bill as the case may be before deducting the value of any stock issued.

*Refund of quarry fees and royalties.*

Clause-36:- All dues for stacking materials if any, should be paid by the contractor, who will, however, be entitled to a refund of such of the charges as are permissible under the rules on obtaining a certificate from the Engineer in charge that the materials were required for use on **Shaheed Mohtarma Benazir Bhutto Medical University(SMBBMU), Larkana.**

*Compensation under the work men's compensation Act.*

Clause-37:- The contractor shall be responsible for and shall pay any compensation to this workmen payable under the workmen's compensation Act. 1923 (VIII of 1(33), (hereinafter called the said Act) for injuries caused to the workmen. If such compensation is paid by **Shaheed Mohtarma Benazir Bhutto Medical University(SMBBMU), Larkana** as principal under sub section (1) of section 12 of the said act on behalf of the contractor; it shall be recoverable by **Shaheed Mohtarma Benazir Bhutto Medical University(SMBBMU), Larkana** from the contractor under subsection (2) of the said section. Such compensation shall be recovered in the manner laid down in Clause-1 above.

*Claim for quantities entered in the tender or estimate.*

Clause-38:- Quantities shown in the tender are approximately and no claim shall be entertained for quantities or work executed being 30% more or less than those entered in the tender or estimate.

*Employment of famine etc., labour.*

Clause-39:- The contractor shall employ any famine, convict or other labour of a particular kind or class if ordered in writing to do so by the Engineer in charge.

*Claim for compensation for delay in starting of work.*

Clause-40:- No compensation shall be allowed for any delay caused in the starting of the work on account of acquisition of land or, in the case of clearance works on account of any delay in according sanction of estimates.

*Claims for compensation for delay in execution of work.*

Clause-41 :- No compensation shall be allowed for any delay in the execution of the work on account of water standing in borrow pits or compartments. The rates are inclusive for hard or cracked soil, excavation mud, subsoil water of water standing in borrow pits and no claim for an extra rate shall be entertained, unless otherwise expressly specified.

*Entering upon or commencing any portion if work.*

Clause-42:- The contractor shall not enter upon or commence any portion of work except with the written authority and instructions of the Engineer in charge or of his subordinate in charge of the work. Failing such authority the contractor shall have no claim to ask for measurement of or payment for work.

*Minimum age of person employed*

Clause-43:- i) No contractor shall employ any person who is under the age of 12 years.

The employment of donkey or other animals.

- ii) No contractor shall employ donkeys or other animals with breeching of string or thin rope. The breeching must be at least three inches wide and should be of tape (Nawar).
- iii) No animal suffering from sores, lameness or emaciation or which is immature shall be employed on the work.
- iv) The Engineer in charge or his agents is authorized to remove from the work any person or animal found working which does not satisfy these conditions and no responsibility shall be accepted by Shaheed Mohtarma Benazir Bhutto Medical University Larkana (SMBBMU) for any delay caused in the completion of the work by such removal.

Pakistani Timber to be used.

Clause 44:- As far as possible Pakistani Timber shall be used and where for any reason this is not practicable preference shall be given to such timbers as are approved by the Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana.

Certificate for concessionary freight of charges from the railway.

Clause-45:- If any materials such as stone metal, bajri, sand etc., are required to be conveyed by rail, the contractors will be granted certificates by the Engineer in charge of the work to the effect that the materials are required for Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana works thereby enabling them to have the benefit of concessionary freight charges from the railway. In case, however, such a concession is withdrawn by the railway at any time during the currency of the contract, no claim shall be preferable against Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana on this account.

Procedure for acceptance of tenders when tendered rates are same.

Clause-46:- When tendered rates are the same preference will be given at the discretion of the accepting authority to those who tender for the carting of materials by vehicles having pneumatic tires.

Recovery of dues from contractor as arrears of Land Revenue.

Clause-47:- Any sum due to the Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana by the contractor shall be liable for recovery as arrears of Land Revenue.

Partnership of MPAs. is forbidden.

Clause-48:- Certified that no member of the Provincial/National Assembly is in partnership with me and that Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana will have the right to terminate the contract at any stage if it is discovered that a member of Provincial/National Assembly is a Partner in the contract.

Payment of sales tax.

Clause-49:- The contractor shall be responsible to pay the sales tax as levied in accordance with the law for time being in force.

Interest of share of Employees in the work.

Clause-50 Certified that no SMBBMU employee has directly or indirectly share or interest in the work.

Clause-51:- The contractor will not be allowed to withdraw his tender or ask for return of his Earnest Money before the expiry

## SCHEDULE (A)

Schedule showing (approximately) the materials to be supplied from the SMBBMU stores for work contracted to be executed and the rates at which they are to be charged for:

Particulars	Rate at Which the materials will be charged to the Contractor			Place of Delivery
	Unit	Rs.	Rs.	

Not Applicable

Note: the person or firm submitting the tender should see that the rates in the above schedule are filled in by the Engineer in charge on the issue at the time prior to the submission of tender.

CONTRACTOR

PROJECT DIRECTOR  
SMBBMU LARKANA



**Bill of Quantities**

**M&R work of Pharm-D (Pharmacy) Department @ SMBBMU, Larkana**

Item	Description	Qty	Unit	Rate (Rs)	P.Unit	Amount (Rs)
1	Dismantling glazed or encaustic tiles etc.(55.p13)	193.87	Sft	786.50	%Sft	1,525
2	Dismantling Cemenet Concrete plain 1:3:6 (19b-P-10)	27.68	Cft	1306.80	%Cft	362
3	Dismantling brick work in lime or cement mortar (13-P-10)	196.54	Cft	1285.63	%Cft	2,527
4	Removing Doors with Chowkets (33a-P12)	7.00	Nos	142.18	P.No	995
5	Removing Windows & sky Light with Chowkets. (33B-P12)	1.00	Nos	102.85	P.No	103
6	Removing cement plaster (53-p13)	1167.39	Sft	121.00	%Sft	1,413
7	Supplying & fixing imposition aluminums channels framing for hinged doors or alcop made with 5 mm thick tinted glass glazing (Belgium)and alpha (japan) locks i/c handles. Stoppers etc (8a-P108)	84.00	Sft	1,450.76	P.Sft	121,864
8	Pacca brick work in ground floor (5ie.P20)	95.04	Cft	12,674.36	%Cft	12,046
9	Brick or stone ballast 1 1/2" to 1/2" gauge ratio 1:1:1 (lime 1-Surkhi, 1-Send).(3a-P.15)	252.00	%Cft	7,637.85	%Cft	19,247
10	Cement concrete brick or stone ballast 1 1/2" to 2" guge 1:4:8 (4e-p-15)	126.00	Cft	9,416.28	%Cft	11,865
11	Providing and Laying 1" thick c.c topping (1:2:4) i/c surface finshing & dividing into pannles 3" thick (16d-P41)	252.00	Sft	4,411.82	%Sft	11,118
12	Applying floting coat of cement 1/32" thick (14-p52)	1857.28	Sft	660.00	%Sft	12,258
13	Cement plaster 1/2" 1:6 upto 12' height (13a-p51)	1857.28	Sft	2,206.60	%Sft	40,983
14	Cement plaster 3/8" 1:4 upto 12' height (11a-p51)	1857.28	Sft	2,197.52	%Sft	40,814
15	Laying floor of approved coloure glazed tile 1/4": thick in white cement 1:2 over 3/4" cement mortar 1:2 complete (25-P-42)	288.00	Sft	27,747.06	%Sft	79,912
16	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick i/c finishing (37-P-44)	660.00	Sft	28,253.61	%Sft	186,474
17	Supplying and Fixing G.I Frames/Choukhats of size 7"x2" or 4-1/2"x3" (29,Page92)	51.00	Rft	228.90	P.Rft	11,674
18	1st class Deodar wood wrought joinery in doors and windows etc.fixed in position i/c hold fasts hinges iron tower blts Chowkets cleats handles & cords with hooks etc.3/4" (only shutters). (7a-P57)	73.50	Sft	902.53	P.Sft	66,336
19	Priming coat of chalk distemper (23-P.53)	1891.05	Sft	605.00	%Sft	11,441
20	Distemper 02 coats (24b.p53)	1891.05	Sft	1,043.90	%Sft	19,741
21	Painting New Surface Doors and Windows 03 coats (5-c-P69)	196.00	Sft	1489.68	%Sft	2,920
<b>Sub-Total Part-A</b>						<b>655,615</b>
<b>Premium Quoted by Contractor.....% Above/Below</b>						
<b>Total Amount Carried to Summary</b>						



**Bill of Quantities**

**M&R work of Pharm-D (Pharmacy) Department @ SMBBMU, Larka**

item	Description	Measurment			Qty	Unit	Rate (Rs)
<b>Part-II (Civil Works) Non- Schedule Items</b>							
1	Supplying and installation of Mineral fiber acoustic ceiling (non-directional) perform end pattern size 2'-0"x2'-0" ½" thick and imported aluminum extruded section in natural anodized finish 10-12 microns coating comprising of main runner and edges trim suspension shall be made by moan of adjustable suspender of SWG galvanized steel wire and cadmium plated spring clip supported at 4'-0" center to center, suspender shall to fixed to the slab, beam soffits with nylon anchors 1 1/2 No. 12 around headed steel screws and washer (N.S.I)						
		1	28.83	9.00	259.47	Sft	
		<b>Total Qty</b>			<b>259.47</b>	<b>P.Sft</b>	



**Bill of Quantities  
PLUMBING WORK (Part-B)**

**M&R work of Pharm-D (Pharmacy) Department @ SMBBMU, Larkana**

Item	Description	Qty	P.Unit	Rate (Rs.)	Amount (Rs.)
<b>PLUMBING WORK A- SCHEDULE ITEM FIXTURES AND FITTINGS</b>					
1	Providing and fixing European type white glazed earthen ware wash down w.c pan complete with and 1/c the cost of white/black plastic seat (Best Quality) and lid with c.p brass hinges and buffers. 3 gellons white glazed earthen ware low level foushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia and making requisite number of holes in wall, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Foreign Quality) (S.I.No. 5-P2)	2.0	Each	11,477.40	22,954.80
2	24" x 18" Lavatory Basin in white glazed earthen ware complete with and including the cost of W.I or C.I cantilever 6 inches built into walls, painted white in two coats after primary coat of red lead paint a pair of 1/2" die rubber plug an chrome plated brass chain 1-1/4" dia, melloable iron or brass unions and making requisite number of holes in wall plinth and floor for Pipe connections and making good in cement concrete 1:2:4 ( foreign or Equivalent ) Counter type Basin (Item 13 Page-4)	2.0	Each	6,237.00	12,474.00
4	Providing & fixing in position nylon connection complete with 1/2" dia. brass stop cock with pair of brass nuts and lining joints to nylon connection (S.I.No 23b-P6)	4.0	Each	447.15	1,788.60
5	Providing & fixing chrome plated towel rail complete with brackets fixing on wooden cleats with 1" long C.P. brass screw TOWEL RAIL 42" LONG b 3/4" dia round or square ( Superior quality ) (Item No. 1 (III) b page 7)	2.0	Each	1,082.95	2,165.90
6	glass complete with 21/8" thick hard board and c.p. screws fixed to wooden pleat b Superior Quality. (Item No. 3-b Page-7)	2.0	Each	2,376.00	4,752.00
7	Providing & fixing Soap tray earthen ware with C.P. screw etc complete (Item No. 5 Page 8)	2.0	Each	497.20	994.40
8	Supplying & fixing wash Basin mixture of superior quality with c.p head 1/2" dia (Item No. 14 (a) Page 19)	2.0	Each	2,882.00	5,764.00
9	Providing & fixing ball valve (with unsoldered) made to B.B.S 1212 Dia 1" (6iii-P,18)	2.0	Each	318.34	636.68
10	Providing & fixing ball valve (with unsoldered) made to B.B.S 1212 Dia 3/4" (6iii-P,18)	2.0	Each	290.84	581.68
11	Supplying & fixing in position brass bib cocks 1/2" dia (S.I.No 1ib-P16)	4.0	Each	337.92	1,351.68
12	Supplying & fixing concealed tee stop cock of superior quality with cc, p head 1/2" dia (Item No. 12 (a) Page 18)	4.0	Each	843.92	3,375.68
13	Supply and fixing long neck bib cock of superior quality with c.p head 1/2" dia (Item No. 13 Page 19)	2.0	Each	1,109.46	2,218.92
14	Providing Laying uPVC Pressure Pipes of class D fixing in trench, walls, i/c cutting fitting and jointing with solvent cement i/c testing with water to a head of 122 meter over 400 ft, i/c cost of socket, elbow, tee etc bend, complete in all respect 4" dia (100 mm) (Item No. 6- Page -24 )	400.0	Rft	226.00	90,400.00
17	STANDARD MANHOLES Construction of Manholes or inspection chamber for the required diameter of circular sewer anf 3'-6" depth with walls of B.B. in cement sand mortar 1:3, cement plaster 1:3, 1/2" thick inside walls an 1" thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 18" x 18" of 1.75 cwt embedded in plain CC 1:2:4 and fixing 1" dia M.S. steps 6" from face of wall at 12" duly painted etc complete as per drawing and as directed SIZE 4" TO 12" DIA 2'x2'x3'-6"	5.0	Each	14,748.00	73,740.00
<b>Sub-Total Part-A Schedule Items</b>					<b>223,198</b>
<b>Premium Quoted by Contractor.....% Above/Below</b>					
<b>Total Amount Carried to Summary</b>					



B- NON-SCHEDULE ITEM FIXTURES AND FITTINGS				
1	P.F UPVC Pipe (AGM) SCH-40 (E) on Surface using Clips /Saddle of approved Quality and Material etc paid separately recessed in masonry ,C C or R-C-C upto 60' height and making good with C C 1/c cutting ,finishing etc complete as per instruction of the engineer Incharge . Specification of material should meet the requirement of class 12 & 5 B in accordance with AS + MD 1784 type grade 1 rate 1/C att cost of labour , material charges Scaffolding ladders etc complete (N.S.I) 3/4" Dia	100.0	Rft	
2	P.F UPVC Pipe (AGM) SCH-40 (E) on Surface using Clips /Saddle of approved Quality and Material etc paid separately recessed in masonry ,C C or R-C-C upto 60' height and making good with C C 1/c cutting ,finishing etc complete as per instruction of the engineer Incharge . Specification of material should meet the requirement of class 12 & 5 B in accordance with AS + MD 1784 type grade 1 rate 1/C att cost of labour , material charges Scaffolding ladders etc complete (N.S.I) 1" Dia	50.0	Rft	
3	P.F UPVC Pipe (AGM) SCH-40 (E) on Surface using Clips /Saddle of approved Quality and Material etc paid separately recessed in masonry ,C C or R-C-C upto 60' height and making good with C C 1/c cutting ,finishing etc complete as per instruction of the engineer Incharge . Specification of material should meet the requirement of class 12 & 5 B in accordance with AS + MD 1784 type grade 1 rate 1/C cost of labour , material charges Scaffolding ladders etc complete (N.S.I) 1-1/4" Dia	20.0	Rft	
4	P.F Band /Elbow (90degree) of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately,using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance Incharge . Specification of the material should meet the requirements of material , cartage , scaffolding / ladders etc. complete (N.S.I) 3/4" Dia	5.0	Each	
5	P.F Band /Elbow (90degree) of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately,using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance Incharge . Specification of the material should meet the requirements of material , cartage , scaffolding / ladders etc. complete (N.S.I) 1" Dia	5.0	Each	
6	P.F Band /Elbow (90degree) of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately,using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance Incharge . Specification of the material should meet the requirements of material , cartage , scaffolding / ladders etc. complete (N.S.I) 1-1/4" Dia	3.0	Each	
7	P.F Band /Elbow (90degree) of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately,using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance Incharge . Specification of the material should meet the requirements of material , cartage , scaffolding / ladders etc. complete (N.S.I) 1-1/4" Dia	5.0	Each	



8	P/F TEE of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance With the ASTM-D _ 1784 type 1 grade TEE 1 . Rate Includes all Costs of Labour , material cartage (N.S.I) 3-4" Dia	10.0	Each		
9	P/F TEE of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance With the ASTM-D _ 1784 type 1 grade TEE 1 . Rate Includes all Costs of Labour , material cartage (N.S.I) 1" Dia	6.0	Each		
10	P/F TEE of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance With the ASTM-D -1784 type 1 grade TEE 1 . Rate Includes all Costs of Labour , material cartage (N.S.I) 1-1.4" Dia	3.0	Each		
11	P/F TEE of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B in accordance With the ASTM-D _ 1784 type 1 grade TEE 1 . Rate Includes all Costs of Labour , material cartage (N.S.I) 4" Dia	5.0	Each		
12	P/F COUPLING / SOCKET of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D_1784 Type 1 grade TEE 1 . Rate Includes all Costs of labour ,material cartage, scaffo ladders etc complete (N.S.I) 3- 4" Dia	2.0	Each		
13	P/F COUPLING / SOCKET of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D_1784 Type 1 grade TEE 1 . Rate Includes all Costs of labour ,material cartage, scaffo ladders etc complete (N.S.I) 1" Dia	2.0	Each		
14	P/F COUPLING / SOCKET of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON ,made in USA ,in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D_1784 Type 1 grade TEE 1 . Rate Includes all Costs of labour ,material cartage, scaffo ladders etc complete (N.S.I) 1-1.4" Dia	2.0	Each		



15	P/F COUPLING SOCKET of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON, made in USA, in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D 1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage, scaffo ladders etc complete (N.S.I) 4" Dia	5.0	Each		
16	P/F UNION of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON, made in USA, in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D 1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage, scaffo ladders etc complete (N.S.I) 3/ 4" Dia	3.0	Each		
17	P/F UNION of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON, made in USA, in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D 1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage, scaffo ladders etc complete (N.S.I) 1" Dia	4.0	Each		
18	P/F UNION of SCH-40 PVC of NAMAT OR EQUIVALENT make of approved quality and design of various sizes fixed to UPVC pipe / fitting paid separately, using approved adhesive compound (or WELDON, made in USA, in ORANGE colour ) upto 60' ft height as per instruction of the Engineer Incharge Specifications of the material should meet the requirements of class 12454 -B accor with the ASTM-D 1784 Type 1 grade TEE 1. Rate Includes all Costs of labour ,material cartage, scaffo ladders etc complete (N.S.I) 1-1/4" Dia	3.0	Each		
19	P/F UPVC P- Trap W Elbow (45 degree) of SCH- 40 PVC of NAMAT OR EQUIVALENT make o and design of various fixed to UPVC pipe / fittings paid separately, using approved adhesive (AGM or WELDON, made in USA, in ORANGE colour) upto 60 ft height as per instruction of the Incharge. Specifications of the metrial should meet to requirements of class 12454-B in accor the ASTM-D- 1784 type 1 grade 1. rate includes all costs of labour, material cartage scaffolding / ladders etc (N.S.I) 4"Dia	6.0	Each		
20	P/F UPVC WYE (Y) (45 degree) of SCH-40 PVC of NAMAT OR EQUIVALENT make of appro and design of various sizes fixed to UPVC pipe / fittings paid separately, using approved adhesive (AGM or WELDON, made in USA, in ORANGE colour ) upto 60 ft height as per instruction of the Incharge. Specifications of the material should meet the requirements of class 12454-B in accor the ASTM -D- 1 grade 1. Rate include all costs of labour, material cartage, scaffolding / adders etc complete (N.S.I) 4" Dia	2.0	Each		
21	P/F UPVC PLUG ELBOW (45 degree) of SCH- 40 PVC of NAMAT OR EQUIVLAENT make of and design of various sizes fixed to UPVC pipe / fittings paid separately using approved adhesiv (AGM or WELDON, made USA in ORANGE colour ) upto 60 ft height as per instruction of the Incharge. Specifications of the material should meet the requirements of class 12454-B in accor scaffolding / ladders etc complete (N.S.I) 4"DIA	2.0	Each		



22	EQUIVALENT make of approved quality various sizes fixed to UPVC pipe / fittings paid separately, using approved adhesive compound ( specifications of the material should meet these requirements of class 12454-B in accordance with ASTM-D- 1784 type 1 grade 1 Rate include all costs of labour, material cartage, scaffo ladders etc complete (N.S 1) 4" Dia	2.0	Each		
<b>Sub-Total Amount (B- Non Schedule Items)</b>					-