



**SHAHEED MOHTARMA BENAZIR BHUTTO
MEDICAL UNIVERSITY LARKANA**

Office of the Project Director

"Establishment of SMBB Medical University, Larkana"

www.smbbmdu.edu.pk, pd@mbbmdu.edu.pk



NO.SMBBMU/PD/2018/29

Dated: 17th January, 2018

To

✓ The Managing Director,
Sindh Public Procurement Regularity Authority,
Government of Sindh, Karachi.

SUBJECT: Publication of Tender Notice on SPPRA website. "Water Testing Laboratory in Establishment of SMBB Medical University, Larkana" Tender No.WT & AL/01/2017/18.

Sir.

Please Find enclosed the documents for the publication of (NIT) at your SPPRA website:

- I. Constitution of procurement Committee (PC)
- II. Constitution of Complaint Redressal committee (CRC)
- III. Notice Invitation Tender (NIT)
- IV. Tender Documents:
 - a) Technical Proposal.
 - b) Financial Proposal.

It is further requested that the advertisement of NIT has been sent to the Information Department for publication and while be forwarded as soon as the advertisement would be published in leading newspapers.

It is therefore, requested that please direct the concern person to upload above documents for the subject tender at your old website.

Shah.

(Engr. Shahnaila Gul)
Project Director

Copy For information to:

- PS to Vice Chancellor, SMBB Medical University, Larkana
- The Registrar, SMBB Medical University, Larkana
- Dy. Director Finance, SMBB Medical University, Larkana
- Office cop

SPPRA INWARD DIARY
NO : 6225
DATED : 22-01-2018

SHAHEED MOHTARMA BENAZIR BHUTTO
MEDICAL UNIVERSITY LARKANA

Office of the Project Director

"Establishment of SMBB Medical University, Larkana"

www.smbbmu.edu.pk, pd@smbbmu.edu.pk

NO.SMBBMU/PD/2018/25

Dated: 15th January, 2018


SUBMISSION NOTE:


**SUBJECT: REQUEST FOR FLOATING THE TENDER ON UNIVERSITY WEBSITES,
NEWSPAPER AND SPPRA KARACHI**

With reference to the estimates approved via letter No.SMBBMU/PD/2017/394 dated 21st September 2017 and funds approved through syndicate reference letter SMBBMU/REG/697 dated 12th April 2017.

This may be noted that the funds released will be transferred to the Project Director for smooth and quick progress of the work.

The approval may kindly be accorded for floating tender at newspapers, University websites, and at sppra website. Also it may be noted that University may kindly float the tender at university website and newspapers as per sppra rules with stipulated time, so that the progress may not be disturbed.


Engr. Shahnila Gul
Project Director
SMBBMU, Larkana


Vice Chancellor
SMBB Medical University, LARKANA.



MEDICAL UNIVERSITY LARKANA

Office of the Project Director

"Establishment of SMBB Medical University, Larkana"

www.smbbmu.edu.pk, pd@smbbmu.edu.pk



NO.SMBBMU/PD/2018/29

Dated: 17th January, 2018

To

The Registrar,
SMBBMU, Larkana

SUBJECT: Request for Writing to Information Department Govt. of Sindh for Publication of Tender Notice Water Testing & ASV laboratory in Establishment of SMBB Medical University, Larkana. Tender No.WT & AL/01/2017/18.

Enclosed herewith is the Notice Inviting Tender (NIT) regarding Subject cited above tender.

In this regard you are requester to write letter regarding publishing of (NIT) in Daily Dawn, Jang & Kawish Newspaper, to Director Information (Advertisement), Information department, Govt. of sindh, and also on university website.

(Engr. Shahnila Gul)
Project Director

Copy For information to:

- PS to Vice Chancellor, SMBB Medical University, Larkana
- Dy. Director Finance, SMBBMU Larkana
- Office copy



SHAHEED MOHTARMA

BENAZIR BHUTTO

MEDICAL UNIVERSITY LARKANA, SINDH, PAKISTAN

Phone: (92)-074-9410907, 074-9410724, Fax 9410907, 9410910, PABX: 9410717
www.smbbmu.edu.pk, Email: registrar@smbbmu.edu.pk, info@smbbmu.edu.pk



No. SMBBMU/REG./ 69/17

Dated: 2/04/2017

NOTIFICATION

Regarding Water Testing Laboratory & Research Institute, SMBBMU Larkana, kept on agenda No.18, other matters xvi. in 34th Syndicate Meeting of Shaheed Mohtarma Benazir Bhutto Medical University Larkana held on 14-02-2017, It was resolved vide resolution No. Synd. 34.21 to approve Scheme titled "Water Testing Laboratory & Research Institute, SMBBMU Larkana"


(DR. AFSAR ALI BHUTTO)
REGISTRAR
SMBBMU, LARKANA

Copy forwarded for information to:

- The Director, Planning & Development, SMBB Medical University Larkana
- The Project Director, SMBB Medical University Larkana
- The Focal Person for Project titled Water Testing Laboratory & Research Institute, SMBBMU Larkana"
- P.S to Vice Chancellor, SMBBMU, Larkana.
- Office Copy.



SHAHEED MOHTARMA
BENAZIR BHUTTO

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No. SMBBMU/REG/101

Dated: 15/01/2018

OFFICE ORDER

As per Rule #31 of SPP Act, 2009 with SPP Rules 2010 (Amended 2013) the honourable Vice Chancellor, SMBB Medical University, Larkana is pleased to constitute the Complaint Redressal Committee for tender titled "Establishment of Water Testing & ASV Laboratory at SMBB Medical University Larkana" (Civil work Renovation & Rehabilitation)", of the followings:-

- | | | |
|------|--|-----------------|
| i. | Dr. Afsar Ali Bhutto
Registrar
SMBB Medical University, Larkana | Chairman |
| ii. | Dean Community & Health Sciences
Peoples University of Medical & Health Sciences for Women
Shaheed Benazirabad | External Member |
| iii. | Medical Superintendent
Chandka Medical College Hospital
Larkana | External Member |
| iv. | Mr. Altamash Sheeraz Soomro
Director P&D
SMBB Medical University, Larkana | Member |
| v. | Mr. Ayaz Ali Rajpar
Deputy Director Finance
SMBB Medical University, Larkana | Member |

TORs:- The Committee will review and give its deliberations on the compliance / objections raised by the contesting venders / bidders as per SPP Rules 2010 (Amended 2013) Rule # 31.


(DR. AFSAR ALI BHUTTO)
REGISTRAR

Copy forwarded for information to:

- The Managing Director, Sindh Public Procurement Regulatory Authority, Government of Sindh, Karachi
- All above Respected members.
- The Project Director, Project titled "Establishment of Water Testing & ASV Laboratory at SMBB Medical University Larkana"
- P.S to Vice Chancellor, SMBBMU, Larkana
- Office Copy



BENAZIR BHUTTO

MEDICAL UNIVERSITY LARKANA, SINDH, PAKISTAN

Phone: (92)-074-9410907, 074-9410724, Fax 074-4752408, PABX: 9410717

www.smbbmu.edu.pk, Email: registrar@smbbmu.edu.pk, info@smbbmu.edu.pk



No. SMBBMU/REG/ 2487

Dated: 9/11/2017

OFFICE ORDER

As per Rule #7 of SPP Act, 2009 with SPP Rules 2010 (Amended 2012), the honourable Vice Chancellor, SMBB Medical University, Larkana is pleased to constitute the Procurement Committee for tender titled "Establishment of Water Testing & ASV Laboratory at SMBB Medical University Larkana", of the followings:-

- | | |
|--|-----------------|
| 1. Dr. Saeed Ahmed Shaikh
Project Director
Establishment of SMBB Medical University Larkana | Chairman |
| 2. Engr. Shahnila Gul
Project Director
Establishment of SMBB Medical University Larkana | Member |
| 3. Engr. Ghulam Murtaza
Associate Engineer (Civil) B.I.S.E Larkana | External Member |

TORs: Rule (8): The Procurement Committee Shall be responsible for:-

- Preparing Bidding Document.
- Carrying out Technical as well as Financial Evaluation of the Bids.
- Preparing Evaluation Report as provided in Rule 45.
- Making recommendation for the award of the contract to the Competent Authority.
- Perform any other function ancillary and incidental to the above.


(DR. AFSAR ALI BHUTTO)
REGISTRAR

Copy forwarded for information to:

- The Managing Director, Sindh Public Procurement Regulatory Authority, Government of Sindh, Karachi
- ~~And above Respected members.~~
- The Project Director, Project titled "Establishment of Water Testing & ASV Laboratory at SMBB Medical University Larkana"
- P.S to Vice Chancellor, SMBBMU, Larkana
- Office Copy



**SHAHEED MOHTARMA
BENAZIR BHUTTO
MEDICAL UNIVERSITY LARKANA**



Cell:+92-331 391 9750, +92-3337542794

NOTICE INVITING BID/ TENDER

Shaheed Mohtarma Benazir Bhutto Medical University Larkana invites bids for "Procurement Work of Water Testing & ASV Laboratory, Establishment of SMBB Medical University, Arija campus Larkana "EF/10/2016-17" under the scheme "Establishment of Shaheed Mohtarma Benazir Bhutto Medical University Larkana" Bidding will be conducted under the single stage two envelopes procurement process and open to all eligible bidders who meet the minimum eligible criteria as stipulated in the bidder

S. No	Description	Estimated Cost	Time
1	Establishment of Water Testing & ASV Laboratory , at SMBB Medical University, Arija, Larkana	3.458 Millions	3 Month

ELIGIBILITY: : Firms/ Parties/ Contractors Registered with Sindh Board of Revenue Income Tax/ Sales Tax Directorate

METHOD OF PROCUREMENT: Single Stage, Two Envelopes

BIDDING/TENDER DOCUMENTS:

- (I) **ISSUANCE** : Documents will be issued from 30th January, 2018 to 15th February, 2018
(II) **SUBMISSION** : Last Date will be to 15th February, 2018 up to 11:00 AM
(III) **OPENING** : Will be opened 15th February 2018 at 11:30 AM
(IV) **PLACE** : Place of Issuance, Submission, Enquires and Opening will be Project Director (Establishment of SMBB Medical University Larkana"

BID VALIDITY PERIOD : 90 (Ninety) Days

TERMS & CONDITIONS :

Bidder documents can be obtained from 30th January, 2018 to 15th Feb, 2018 on submission of written application and payment of no-refundable fee of **Rs. 2,000/- (Two Thousand)** through Bank Draft/Pay Order drawn in favor of Project Director, Establishment of Shaheed Mohtarma Benazir Bhutto Medical University Larkana from the address given below from 10:00 A.M to 4:00 PM after the publication of Notice Inviting Tender till closing there of. Bid Should be submitted at the Office of Project Director Shaheed Mohtarma Benazir Bhutto Medical University, Arija Larkana on a last or before date and time of Bid submission, received bid should be open at the same address on the bid opening date and time as mentioned above.

Bid security of 5% of the bid price must be accompanied by financial purpose in sealed envelop in form of Pay Order/Bank Draft form and scheduled Bank in favor of Project Director Establishment of SMBB Medical University Larkana.

The sealed bids must be delivered to the address before the Bid will be opened in presence of bidders representative who chose to attend at the same date.

Bids Will be rejected if following conditions are not met:

1. Conditional and telegraphic bids/tenders.
2. Bids not accompanied by bid security date and time.
3. Bids of black listed firms.

All other terms and conditions shall remain the same.

The procurement committee reserves the rights in accept or reject any tender or to enhance the quantity prior to award of contract subject to the relevant provisions of SPPRA Rules 2010 no bids shall be entertained after the last bid submission date and time as mentioned above the Tender Notice can also be downloaded from the website of University www.smbbmdu.edu.pk and SPPRA website www.pprasindh.gov.pk and same can be submitted along with prescribe fee (Through Pay Order/ demand Draft) on or before the closing date/time.

This Advertisement can be seen at University as well as SPPRA website.

**PROJECT DIRECTOR (BY THE ORDERS OF VICE CHANCELLOR)
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA**



*Tender Fee: Rs.2,000/-
(Non-Refundable)*

**Shaheed Mohtarma Benazir Bhutto
Medical University, Larkana**

TENDER FORM

Tender # WT & AL/01/2017-18

**Establishment of Water Testing & ASV Laboratory at
SMBB Medical University, Arija Larkana.**

Date of Issue : 30th, January 2018 to 15th Feb 2018
Last Date of Submission : Thursday, 15th Feb, 2018(11:00 am)
Date of Opening (Financial) : Thursday, 15th Feb, 2018(11:30 am)
Date of Opening (Technical) : Thursday, 15th Feb, 2018 (3:00 am)

Pay Order / Demand Draft #, Drawn on Bank.....

Amount of Rs..... Dated.....

C O N T E N T S

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>PAGE NO.</u>
I.	NOTICE INVITING TENDER	
II.	SCOPE OF WORK	
III.	INSTRUCTIONS TO TENDER	
IV.	GENERAL CONDITIONS OF CONTRACT	
V.	SPECIAL CONDITIONS OF CONTRACT	
VI.	SPECIAL STIPULATIONS	
VII.	TECHNICAL SPECIFICATION	
VIII.	FINISHING SCHEDULE & LIST OF SPECIFIED MATERIAL	
IX.	BILL OF QUANTITIES	
X.	FORM OF TENDER	
XI.	TENDER DRAWINGS	

1.Introduction

Dear Tenderer,

Thank you for the interest you have shown in response to the SMBBMU's advertisement which has floated on website of SMBBMU & SSPRA website for Printing & Supply of Examination Material.

The Shaheed Mohtarma Benazir Bhutto Medical University, Larkana is premiere educational institute in Upper Sindh imparting quality education to the nation. We are interested to Establishment of Water Testing & ASV Laboratory for the project, "Establishment of SMBB Medical University, at Airport Road, Arija".

We expect to avail services/works/items of high standards meet our prime & basic specifications through this transaction.

Please feel free to contact on 0331-3919750 or pd@smbbmdu.edu.pk for any information and query.,,

Thank you.

Project Director

2. SCOPE OF WORK

Government of Sindh intends to Established a Medical University Water Testing and ASV laboratory in accordance with the drawings and specifications appended here to.

The scope of contract for this bid shall be limited to Civil, Plumbing and Electrical works. The Procuring Agency may increase or decrease the quantum of work given in BOQ according to SPP Rules, 2010 (Amended 2017) and no such increase or decrease shall give rise to any claim or compensation in this account.

The scope of work given in Contract Document includes items based on unit rates as indicated in Schedule of rates, Govt. of Sindh (2012) for which specifications of standing rates committee Govt. of Sindh be followed.(If specification of any item is not indicated in Technical Specification of Tender Documents) and / or items based on market rates for which Technical Specifications are given in the nomenclature and in section Technical Specification

The contractor will be responsible for properly assessing and checking the already executed work as per drawings and provided by the consultants and get it verified from them before taking up the works.

3. Instructions

- (a) Shaheed Mohtarma Benazir Bhutto Medical University, Larkana expects that aspirant printers should furnish all the required documents to ensure a transparent and genuine presentation. Therefore, it is necessary to fill in the Tender Form meticulously and sign & stamp each and every page. Moreover, attach required supporting document according to the requirement.
- (b) It is of utmost important to fill in the Tender Form in writing in ink or type. Do not leave any column/item blank. If you want to leave the item/column un-answered please, write "*Doesn't apply/Doesn't Arise*". If you need more space please attach a paper & clearly mention item/column name or number etc. that referred the column/item of the Tender Form.
- (c) Tender Documents can be obtained from the <http://smbbmu.edu.pk/announcements/tender>. The Tender Fees Rs. 2,000/- shall be paid through Demand Draft/ Pay Order in favor of **Project Director, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.** *The copy of D.D/P.O will be attached with the Tender Documents.*
- (d) The last date of submit the Tender Documents in sealed envelope on 15th February, 2018 by 11:00am in the **Office of the Project Director, Establishment of Shaheed Mohtarma Benazir Bhutto Medical University, Airport Road, Arija.** The Tender will be opened on same day at 11:30am in the presence of representatives who may care to attend.
- (e) **Bid Security** of 2% of total charges will be submitted along with Tender Documents in shape of PAY ORDER / DEMAND DRAFT only in the name of **Project Director, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.**
- (f) Kindly mentioned "**Tender Number**" at top left corner of the envelope.
- (g) Sample of any item can only be collected from the Office of **Project Director, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.** only in official timings. *Note: Saturday & Sunday is holiday.*
- (h) Tender Document are also available at the Office of **Project Director, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana**

 Stamp & Signature

General Rules and Directions for the Guidance of Contractors.

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time Draft Bidding Document for Works up to 3.458 M Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk

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 contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

6. All works shall be measured by standard instruments according to the rules.
7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.
9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
10. Bid without bid security of required amount and prescribed form shall be rejected.
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;
 - (A) **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
 - (B) **In case of item rates**, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
 - (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

BIDDING DATA

- (a). Name of Procuring Agency _____
- (b). Brief Description of Works _____
- (c). Procuring Agency's address:- _____
- (d). Estimated Cost:- _____
- (e). Amount of Bid Security:- _____ (Fill in lump sum amount or in % age of bid amount /estimated cost, but not exceeding 5%)
- (f). Period of Bid Validity (days):- _____ (Not more than 90-days).
- (g). Security Deposit :- (including bid security):- _____ (in % age of bid amount /estimated cost equal to 10%)
- (h). Percentage, if any, to be deducted from bills:- _____
- (i). Deadline for Submission of Bids along with time:- _____
- (j). Venue, Time, and Date of Bid Opening: - _____
- (k). Time for Completion from written order of commence: - _____
- (L). Liquidity damages: - _____ (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
- (m). Deposit Receipt No: Date: Amount :(in words and figures)

Eligibility criteria

- Registration with SRB & other tax authorities (applicable)
- At least 3-year experience of same work
- Bidder should provide bank statement having turn-over of at least 80% of the cost of assignment

(Executive Engineer/Authority issuing bidding document)

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 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 prorata basis.

Clause – 2: Liquidated Damages. The contractor shall pay liquidated damages to the 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 Agency shall not exceed 10 per cent of the contract price. 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/Executive Engineer 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 60 days of the date of the submission of the bill;

(B) The 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 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. A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge 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, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

(B) The Final Bill. A 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 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) 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.

(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:

(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 labour shall be paid by him.

Clause-15:Sub-contracting. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

Clause – 16: 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 –17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause –18: Financial Assistance /Advance Payment.

(A) **Mobilization advance** is not allowed.

(B) Secured Advance against materials brought at site.

(i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed /utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;

(ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause –20: 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.

ESTIMATE AS PER SCHEDULE RATE 2012

**Establishment of Water Testing and ASV Laboratory @ ESTABLISHMENT
OF SMBB Medical University Larkana**

S.#	Descriptions	Unit % P.Sft	Measurement				Qty	Rate (Rs.)	Amou nt (Rs.)
			N o	L	W	H			
CIVIL WORK									
1	Pacca Brick work in ground floor in ratio 1:4 <i>Items No. 5(1-c) Page 21</i>								
		Cft	1 5	2.5	0.33	3.0	37.125		
		Cft	1	96	0.33	0.5	15.84		
Total Qty Brick Masonary							52.97		
2	Reinforced Cement concrete works including all labor and material expect the cost of steel reinforcement and its labor for bending and bending which will be paid separately. This rate also includes all kinds of from moils. Lifting shuttering curing rendering and fishing the exposed surface (including screening and washing of shingle).								
	a) R.C Work in roof slab, beam, columns, rafts, lintels ,and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 Lbs Cement 2Cft, sand, 4Cft Shingle 1/8" to 1/4" gauge. Item No. 6(a-1) Page 17								
		%Cft	1	100	2.5	0.3	82.5		
Total Qty For CC							82.50		

3	Fabrication of mild Steel reinforcement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also including removal of rust form bars) <i>Item No. 8(b) Page 17</i>								
		Lbs	6	30	0.375			67.5	
		Lbs	9 0	2.5	0.375			84.4	
		Lbs	6	25	0.375			56.3	
		Lbs	7 5	2.5	0.375			70.3	
		Lbs	6	30	0.375			67.5	
		Lbs	9 0	2.5	0.375			84.4	
		Lbs	6. 0	21	0.375			47.3	
		Lbs	6 3	2.5	0.375			59.1	
	Total Qty For Steel Fabrication Lbs							536.6 3	
	536.63 / 112 = 4.79 Cwt							4.79	
4	Cement Plaster 1:4 upto 12' Height 1/2" thick <i>Items No. 11 (b) Page 52</i>								
		Sft	2 5 0		250.0			250.0	
	%Sft Total Qty Plaster Work							250	
5	Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints.(a) 3/4" thick flooring <i>Items No 28 (a) Page 43</i>								
	Top Slab	Sft	1	110	2.57			282.7	
		%Sft						282.7	

6	supplying & fixing in position Aluminum channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) & Aluminum fly screen l/c handles ,stoppers & locking arrangement etc. Complete as per drawings (b) Deluxe Model (Bronze) Item No. 83(b) Page 108							
	Aluminum Glass	P.Sft	1	30	10		300	
		P.Sft	2	18	10		360	
		P.Sft	2	12	10		236	
Total Qty for Aluminium							896	
7	Providing & fixing deodar wood Almirah /Cabinet 9" -12" depth including boxing with back shelves, shutters bars fitting complete Items No. 23 Page 61							
		P.Sft	4	13	2.5		130	
		P.Sft	1	23	2.5		57.5	
		P.Sft	1	21	2.5		52.5	
							240	
Total Amount								
Above/below 10% Schedule Items								
Total Amount Civil Work (in Rupees)								

ELECTRICAL WORK ESTIMATE AS PER SCHEDULE RATE 2012
Establishment of Water Testing and ASV Laboratory @
ESTABLISHMENT OF SMBB Medical University Larkana

S.#	Descriptions	Unit % P.Sft	No	Qty	Rate (Rs.)	Amount (Rs.)
A'	ELECTRICAL WORK (Part Three)					
1	Providing & laying (Main or Sub Main) PVC insulated & PVC Sheeted with 4 core copper conductor 600/1000 volts size 50 mm ² <i>Items No. 105 Page 12 (Schedule Rate of electrical work)</i>					
		P.Rft	250	250		
2	Providing & laying (Main or Sub Main) PVC insulated & PVC Sheeted with 4 core copper conductor 300/500 volts size 6mm ² <i>Items No. 100 Page 12 (Schedule Rate of electrical work)</i>					-
		P.Rft	200	200		
3	Providing & laying (Main or Sub Main) PVC insulated with size 2.5/0.036 Copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required <i>Items No.9 page 2 (Schedule Rate of electrical work)</i>					-
		Per Rft	150	150		
4	Providing & fixing circuit breaker 30 amp DP (TB-5S) on prepared board as required. <i>Items No. 204 Page 31 (Schedule Rate of electrical work)</i>					-
		Per No,	14	14		

5	wiring for light or fan point with 3/.029 PVC insulated wire in 20mm(3/4") PVC conduit recessed in wall or column as required (item of SSR-2012 S.No. 124)					
		Per No,	15	15		
6	Providing laying of uPVC pipe class 'D' 50mm & 25 mm complete in all respect or equivalent as approved by the Engineer <i>Items No. 3 (D) page 23 (Schedule Rate of Electrical work)</i>					
	2" dia (50mm)	P.Rft	200	200.0		
7	Providing & fixing Channel Patti 2" required as instruction of EL <i>Items No. 297 Page 43 (Schedule Rate of Electrical work)</i>	P.Rft	400	400.0		
Total Amount Electrical Work						
B'	Non-(Schedule Itmes)					
1	Wiring for spilt AC unit (1.0/1.5/2.0 TR) directly from Dist. Board with 2x6sq.mm + ECC 1x4sq.mm. Single core PVC insulated copper conductor cable in PVC conduit on ceiling wall, floor, etc or on surface as per site condition including 16 SWG sheet steel box, complete in all respect of the Engineer Incharge.					
		P.Nos	9	9.0		
2	Supplying , Installation of 16 SWG Sheet Steel back box embeded in wall for voice / data oulete	P.Nos	15	15.0		
3	Same as items -06 but wiring from sockets outlet to socket outlet (Socket oulete installed side by side to be conted as one	P.Nos	15	15.0		
4	Supplying & Installation of following switches (Clipsal,MK,Hagr Make) including 16 SWG sheet stell back box and all respect .					
	4 Gang one Way	P.Nos	15	15.0		
Total Amount Electrical Work (Non-Schedule Items)						
Add Electrical Work Schedule Rate Items						
Total Amount (A+B)						

ESTIMATE AS PER SCHEDULE RATE 2012

**Establishment of Water Testing and ASV Laboratory @
ESTABLISHMENT OF SMBB Medical University Larkana**

S.#	Descriptions	Unit % P.Sft	Measurement				Qty	Rate (Rs.)	Amou nt (Rs.)
			No	L	W	H			
PLUMBING WORK (Part Two)									
A- Schedule Items									
Fixtures & Fittings									
1	24" x18" lavatory basin in white glazed earthen where complete with end including the cost of W.I or CI cantilever 6" bolt in to walls, painted white in to coat after primary cot of red lead paint pairs of 1/2" die rubber plug an crome placed brass chain 1-1/4" dia, malleable iron or brass unions' and making requisite no of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (foreign or equivalent) counter type basin Item No, 13 page 4								
		Each	3				3	6,237	18,711
2	Providing & fixing chrome plated towel rail complete with brackets fixing on wooden cleats with 1" long C.P bars screws Item No. 1 (iii)(b) Page 7								
	b) 3"/4" dia round or square (superior Quality)	Each	2				2		
3	Providing & fixing soap tray earthen ware with C.P screws etc complete Item No. 5 Page 8	Each	2				2		

4	Supplying & fixing wash basin mixture of superior quality with C.P head 1/2" dia Item No. 14(a) Page 19	Each	3			3		
GUN METAL FULL WAY VALVES								
5	Providing & fixing full way gun metal balved valves with wheals, threaded or flanged ends with rubber washers Item No. 4(a) Page 17							
	3/4"	Each	3			3		
SEWERAGE AND DRAINAGE								
6	Providing laying uPVC pipe Pressure pipes of Class 'D' (equivalent make) fixing in trench i/c cutting fitting and jointing with 'Z' joints with one rubber ring i/c testing with water to a head 122 meter or 400 ft. <i>Items No. 3 (a) Page 23</i>							
	uPVC Pipe 4" dia	P.Rft	1	150		150		
7	GULLY TRAP Providing & fixing 6" x 4" cc gully trap with 4" outlet complete with 4" thick 1:2:4 cc for bed and 1/2" thick cement plaster (1:3) to the kerb, CI.Grating 6" x6" and CI cover and frame 12" x 12" cc gully trap Item No. 1(i) Page 24	Each	2			2		
4	Providing & fixing 6"x2" x or 6" x 3" C.I floor trap of the approved salt cleaning design with a C.I screwed down grating with or without a vent arm complete with & I.C Making requisite number of holes in wall plinth & floor for pipes							

	connection and making good cement concrete 1:2;4Items No, 20 page 6							
		Each	3				3.0	
	Supply ,installation ,testing and commissioning of PPR PN-20 cold/hot water pipe sper DIN 8077-80878 with molded fittings specials and accessories valves sockets and all required connections etc of PN-25 as per DIN 16962 including pipe supports cutting walls, floor roof etc as indicated and as directed							
	3/4" dia inner size	RFT	250				250.0	
	Connection to over head water tank including incoming and outgoing pipes including cuttings making required holes, and fill the joint with water proof cement grout, and should be no leakage from joints	job	1				1.0	
5	STANDARD MANHOLES Construction of manhole or inspection chamber for the required diameter of circular sewer and 3'-6" depth with wall of B.B in cement sand mortar 1:3 cement plaster 1:3, 1/2" thick inside Items No. Page 46	Each	2				2.0	
Total Amount								
Add 10% Schedule Items								
Total Amount Plumbing (in Rupees)								