



# KHYBER MEDICAL UNIVERSITY, PESHAWAR



## *Procurement of Laboratory Equipment, Chemicals & Glassware Khyber Medical University, Peshawar*

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### BID EVALUATION REPORT

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- BACK GROUND HISTORY  
MINUTES OF THE MEETINGS  
ADDENDUM NO 01  
NIT, ITB & BID DATA SHEET  
SPECIFICATION  
EVALUATION  
1. QUALIFICATION  
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**KHYBER MEDICAL UNIVERSITY, PESHAWAR**

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**BACKGROUND**

To streamline the existing medical education at under graduate and post graduate levels as well as to provide additional facilities for quantitative and qualitative improvement of higher education in medicine and allied branches, the Khyber Medical University was established in 2007 under the Khyber Medical University Act 2006 (N.W.F.P Act No.1 of 2007), at Peshawar, Khyber Pakhtunkhwa. All the medical colleges in the public sector recognized by the PMDC have been declared as the affiliated colleges and institutions of the Khyber Medical University, Peshawar. The jurisdiction of the University is spread over the whole province and adjacent federally administrated tribal areas. All colleges imparting higher education (both at graduate & post graduate level) in of medical and health science in the Khyber Pakhtunkhwa and FATA are now required to comply with the rules and regulations of Khyber Medical University.

Subsequent to establishment of the Khyber Medical University, a 100 Kanal piece of land was provided by the provincial Government of Khyber Pakhtunkhwa, at Hayatabad Peshawar. In the 1<sup>st</sup> phase of development a proposal/PC-1 was prepared inclusive of infrastructural development, human resource development and provision of facilities required for teaching & research for the total estimated cost of Rs. 477.80 million wherein an amount of Rs. 242.41 million was allocated for construction of an Academic Block, an Administration Block & a Multipurpose Hall.

**CONTRACTION OF CIVIL WORKS**

After approval of the a/m PC-1 by the CDWP in its meeting held on October 11, 2008, the detailed design and bidding documents were prepared by the consultants on the PEC pattern in light of decision made by Planning Commission of Pakistan for adoption of such documents. Further as parallel activity pre-qualification of constructors were also carried out and following PPRA Rules in true spirit bidding process was carried out, contract were awarded to three lowest evaluated responsive bidders and work on all the three building as well as on infrastructure work is in process. Implementation team/unit is inducing the contractors through consultants to complete the construction activities at the earliest possible.

**PROCUREMENT OF LABORATORY EQUIPMENT, CHEMICALS AND GLASSWARE**

As soon as the construction activities would be completed, other items of approved PC-1 are also required to be streamlined and procurement of such items are necessarily be carried out as parallel activities to ensure closing of PC-1 in accordance to the schedule. Accordingly the competent authorities of Khyber Medical University, Peshawar in meeting decided to initiate, plan and procure laboratory equipment, chemicals and glassware, further a formal approval was also issued vide Office Order No. 15591/Deputy Treasurer-II/KMU dated January 24, 2012 and a Purchase Committee under the chairmanship Prof. Dr. Naeem Kahttak of IBMS, KMU was constituted vide Registrar/Director Planning and Development Khyber Medical University, Peshawar ltr. No.KMU/P&D/Apt/2011-15702 dated February 01, 2012 and another committee for Technical/Inspection evolution and support under the Chairmanship of Prof. Dr. Jawad Ahmad Director Institute of Basic Medical Sciences, Khyber Medical University, Peshawar was reconstituted vide ltr. No. KMU(E)/18-1/2007/15228 dated December 20, 2011.

Keeping in view the Public Procurement Rules-2004 bidding documents are required to be clear, unambiguous to ensure transparency in the entire process. Accordingly procurement manual, of Planning Commission of Pakistan was taken into consideration and Instruction to Bidders, Bid data sheet and Conditions of the Contract were followed in true spirit to ensure;

***ECONOMY, EFFICIENCY, EQUALITY, FAIRNESS AND TRANSPARENCY.***

Technical committee also made appreciable effort in providing Technical Specifications for incorporation in bidding documents. In drafting and appraisal meetings at different levels were conducted. An in-formal meeting was held with the Treasurer KMU, Peshawar and some points were added/deleted/corrected (copy enclosed vide Project Director Ltr. No. 274/PD/KMU, Peshawar dated January 13, 2012). To review the draft Bid Document 1<sup>st</sup> meeting of the committee members was held on February 18, 2012 and some corrections were proposed. Accordingly the second joint meeting was held on March 14, 2012 and in the 3<sup>rd</sup> meeting held on March 27, 2012 the draft was approved and schedule for pre-bid meeting and opening both Technical and Financial was also agreed. Copies of the minutes of the meetings are enclosed.

Pursuant to the pre-bid meeting some modification were proposed by the bidders, the reservation of the bidders were noted and an addendum was issued only to agreed points of the bidders. The addendum was provided to bidders through e-mail as well as through courier to ensure quotation accordingly. The minutes of the pre-bid meeting and addendum are annexure to the evaluation report. Copy of the issued document (i-e invitation for bid, Instructions to bidders, bid data sheet and technical specification, issued to the bidders were as in succeeding pages;

**Minutes of the Purchase Committee 1<sup>st</sup> meeting held at Committee Room, Khyber Medical University, Peshawar on February 18, 2012 at 1030 hours.**

A meeting of the Purchase Committee was held under the chairmanship of Prof Dr. Naeem Khattak IBMS, KMU, Peshawar to discuss the draft bid document prepared for the procurement of Equipment, chemicals and glassware at Committee Room, KMU, Peshawar.

The participants include;

- |    |                              |                            |
|----|------------------------------|----------------------------|
| 1. | Prof Dr. Naeem Khattak       | IBMS, KMU                  |
| 2. | Dr. Niaz Ali Associate Prof. | IBMS, KMU                  |
| 3. | Mr Abdul Siddique            | Treasurer, KMU             |
| 4. | Engr. Irshad Ahmad Sabri     | Project Director KMU       |
| 5. | Mr. Zafar Qayyum             | Dy. Dir P&D                |
| 6. | Hafiz Muhammad Tariq         | Assistant Director (Civil) |

Subject:- **Minutes of the meeting**

The meeting started in the name of Almighty Allah. Thereafter the participants were informed that the competent authorities are desirous to procure the Equipment, chemicals and glassware under the approved PC-1 for the development of Khyber Medical University, Peshawar and accordingly an admin approval vide Office Order No. 15591/Deputy Treasurer-II/KMU dated January 24, 2012 was accorded. Further vide Notification No KMU/P&D/Apt/2011-15702 dated February 01, 2012 Purchase Committee for the procurement was constituted by the authority. According the first meeting is held to make the strategy for the procurement and to discuss the draft bidding document.

The participants were told that in accordance to PPRA rules 2004 the bid documents shall be prepared such that ensure efficiency, effectiveness, economy, fair competition and transparency in procurement, clear and unambiguous bidding document must be prepared and floated to the bidders that must contain;

***Invitation for Bids, Instruction to bidders, Bid Data Sheet, Schedule of requirement including preamble, Specifications (Technical Provisions), General conditions of the contract, and Particular conditions of the contract.***

That procurement manual of the Planning commission of Pakistan was consulted and accordingly the in hand draft was prepared. The committee discussed the draft section wise as;

**a. Invitation for Bids.**

It was agreed by the committee that total time for the supplies shall be 90 days and pre-bid meeting shall be held 10 days prior to dead line for submission.

**b. Instruction to bidders.**

- It was decided that the bidder must hold NTN #. and GST tax payers and to be shown in eligibility criteria.
- Regarding technical evaluation of the bids by the technical committee it was decided that criteria for the technical evaluation should be provided in the bid document. The same shall be accorded from the technical committee Khyber Medical University, Peshawar.

**c. Bid Data Sheet.**

- ✓ It was pointed out that Criteria for qualification of the bidders should be reviewed by the technical committee.
- ✓ Period for bid validity was agreed as 90 days.

**d. Schedule of requirement including preamble.**

- Name of item No 6 i-e refrigerator was added with centrifuge and item No 25 i-e fridge was corrected by refrigerator.
- Sub title i-e miscellaneous was added with consumables.
- Some items shown in glassware list was agreed to add to the list of misc. items.
- Nomenclature of sub titles at ser d. i-e chemicals to be added with analytical.

**e. Specifications (Technical Provisions)**

- It was pointed out that detailed specifications for Tanks for liquids gases and accessories should be provided.
- The detailed specifications for glassware are also be added in the documents as it was discussed.

**f. General conditions of the contract.**

- In the sub clause inspections and test the word where required should be added and a sub-para in case of rejection shall be added the committee decided.
- The shelf life for chemicals should be indicated in document and the technical committee should be consulted accordingly.
- A mistake of 4 days was replaced with 14 days under the sub-para the termination of default.

**g. Particular conditions of the contract.**

- It was also decided to identify the technical inspection committee for inspection purpose in the inspection and tests.
- For settlement of disputes it was decided to add the arbitration act 1940.
- The retention money was agreed as 5% instead of 10%.

**h. Specification (Special provision).**

It was also pointed out that the Manual identify to provide details regarding intended use, packaging and marking, packing and shipping marks, shelf life, regulatory requirements, standards and requirement certifications, quality assurance criteria including detailed test requirement, acceptance criteria, details activities to be performed by the suppliers and documentations.

However it was decided that the same are not required hereby.

A format of UET, Peshawar was taken into consideration regarding BoQ and was agreed to add blank columns for filling by the bidders the brand and manufacturer name etc.

The meeting adjourned with a vote of tanks to the chair.

**(Prof. Dr. Naeem Khattak)**  
Chairman Purchase Committee  
Khyber Medical University, Peshawar

**Minutes of the Purchase Committee and Technical Committee Joint meeting held at Committee Room, Khyber Medical University, Peshawar on march 14, 2012 at 1000 hours.**

A joint meeting of the Purchase Committee and Technical Committee was held under the chairmanship of Prof. Dr. Naeem Khattak IBMS, KMU, Peshawar to discuss the draft bid document prepared for the procurement of Equipment, Chemicals and Glassware at Committee Room, Khyber Medical University, Peshawar on march 14, 2012 at 1000 hours.

The participants include;

1. Prof Dr. Naeem Khattak IBMS, KMU
2. Dr. Niaz Ali Associate Prof. IBMS, KMU
3. Mr Abdul Siddique Treasurer, KMU
4. Mr. Zafar Qayyum Dy. Dir P&D KMU
5. Dr. Muhammad Farooq IBMS, KMU
6. Hafiz Muhammad Tariq Assistant Director (Civil)

Subject:- **Minutes of the meeting**

The meeting started in the name of Almighty Allah. Thereafter the chairman purchase committee informed that the joint was called to resolve the issues arising out of the procurement. However a series note of absence of members of the Technical committee and the Project Director. However the document was reviewed by the committee in detail, as;

**i. Instruction to bidders.**

3.1 (a) Para was corrected as;

Duly registered for sales Tax and Income Tax with Federal Board of Revenue and Excise and Taxation Department.

(b) The word importer was deleted.

7.1 Page # with formats for integrity pact, contract agreement and performance security was directed to be indicated.

11.1 (c), i & ii the lines were replaced with.

Details for provision of Shelf life, qualification documents and certificate for after sales service, further documents in technical proposal as brochures, catalogs etc. to be provided for evaluation of technical proposal to be attached by the bidders were advised to be added.

(c) Schedule of requirement including preamble.

➤ Correction in List/BoQ and specification's were advised by the Technical committee in accordance to the PC-1 of the approved project.

(d) Form of the Contract agreement.

- It was advised to indicate the name of Vice Chancellor in the form. Further separation in GCC and PCC as well as addition of integrity pact, performance security was also directed.

(e) General conditions of the contract.

Para-8 inspection and tests.

In the sub clause (c) inspections and test the word proper installation and satisfactory operation was added with equipment was added.

Para-10 Delivery and documents. The word company invoice was replaced with bill of lading and sub-para (ii) was entirely deleted.

Para-11 insurance; Para was deleted entirely.

Para -14 warranty; Some lines were deleted at 14.1. Some modifications were advised in last line of Para 14.5.

Para-17 changes orders.

Para was deleted entirely.

Par-30 Notices

Word e-mail was further added in Sub-Para.

Particular conditions of the contract.

GCC-21 Liquidated Damages.

2<sup>nd</sup> sentence was deleted entirely.

The meeting adjourned with a vote of tanks to the chair.

**(Prof. Dr. Naeem Khattak)**  
Chairman Purchase Committee  
Khyber Medical University, Peshawar

**Minutes of the Purchase Committee 3rd meeting held at Committee Room, Khyber Medical University, Peshawar on March 27, 2012 at 1000 hours.**

A meeting of the Purchase Committee was held under the chairmanship of Prof Dr. Naeem Khattak IBMS, KMU, Peshawar to discuss the draft bid document prepared for the procurement of Equipment, chemicals and glassware at Committee Room, Khyber Medical University, Peshawar on March 27, 2012 at 1000 hours.

The participants include;

1. Prof Dr. Naeem Khattak IBMS, KMU
2. Dr. Niaz Ali Associate Prof. IBMS, KMU
3. Dr. Walayat Shah.Asstt. Prof. IBMS, KMU
4. Mr Abdul Siddique Treasurer, KMU
5. Engr. Irshad Ahmad Sabri Project Director KMU
6. Mr. Zafar Qayyum Dy. Dir P&D
7. Hafiz Muhammad Tariq Assistant Director (Civil)

Subject:- **Minutes of the meeting**

3<sup>rd</sup> meeting of the Purchase Committee was at Committee Room of Khyber Medical University, Peshawar to review the document in light of proposal made in previous meeting.

- A. Further the document was reviewed as;
  1. Page 36. S. No was added with PC-1 list No.
  2. Page 43 quantity of ammonium sulphate was shown as 01 Kg.
  3. Page 61. Page no was inserted at ser 8.
  4. Page 63 Page no was inserted at ser 29.
  5. Page 66 item 3.1 last line was corrected with employer.
  6. Page 78 item 27.1 e-mail was added with facsimile.
  7. Page 79 performance security was deleted from GCC1.1

After incorporation the document was approved by the members.

- B. It was also agreed that PC-1 may also be amended for incorporation of corrected nomenclature of gel documentation system, refrigerated centrifuge, further the lab ware washer was deleted as not required. And ser no 28, 29, & 34 was amended with 28 & 29.
- C. The procurement of furniture and fixtures as responsibility is entrusted to committee was also discussed and was agreed that approval of the competent may also be accorded to process the case accordingly.
- D. On arrival of the honorable Vice chancellor the invitation to bidders was approved showing the following dates;
  - i. Pre-bid meeting 19-04-2012.
  - ii. Last date for bid submission 30-04-2012.
  - iii. Opening of Tech Proposals 30-04-2012.
  - iv. Opening of Financial Bid 10-05-2012.

The members appreciated the efforts and hard work of Hafiz Muhammad Tariq Assistant Director Civil in drafting and compiling the bid document with out any secretarial support.

The meeting adjourned with a vote of tanks to the chair.

**(Prof. Dr. Naeem Khattak)**  
Chairman Purchase Committee  
Khyber Medical University, Peshawar

## INVITATION FOR BIDS

### **Bid Ref. No. CA No. 05/Lab Equpt/KMU, Peshawar.**

1. The Employer/Purchaser, Khyber Medical University, Peshawar invites sealed bids for the supply of Laboratory Equipment, Chemicals & Glassware under the approved PC-I of the Khyber Medical University, Peshawar, wherein the estimated cost for these is Rs. 31.500 million, the entire supplies will be completed in 90 (ninety) days.
2. A complete set of Bidding Documents may be purchased by an interested eligible Bidder/Supplier on submission of a written application to the Project Director Khyber Medical University, Peshawar and upon payment of a non-refundable fee of Rupees one thousand (Rs. 1,000/-).
3. Pre-bid meeting shall be held at 11:00 hours on **19/04/2012** at the Committee Room of Khyber Medical University, Peshawar PDA Building fourth floor, Phase-V Hayatabad Peshawar.
4. All bids must be accompanied by a Bid Security in the amount equal to 2% of the total bid cost in shape of deposit at call in favour of the Treasurer Khyber Medical University, Peshawar and must be delivered to Chairman Purchase Committee, Khyber Medical University, Peshawar PDA Building fourth floor, Phase-V Hayatabad Peshawar on or before **30/04//2012** at 1100 hours. Opening/evaluation shall take place in following stages.
  - i. Qualification Documents alongwith Technical Proposals duly submitted in separate envelope for verification of eligibility/qualification of the firm and technical responsiveness of the bid, which shall be opened at 1130 hours on **30/04/2012** before opening of Financial Proposal.
  - ii. Financial bids of the Eligible, Qualified and Technically Responsive Bidders will be opened at 11:30 hours on **10/05/2012**, in presence of Bidder/Suppliers representatives who choose to attend, at Committee Room of KMU, Peshawar.

## INSTRUCTIONS TO BIDDER/SUPPLIERS

### A. GENERAL

#### IB.1 Scope of Bid

- 1.1 The Employer/Purchaser as defined in the **Bid Data Sheet** hereinafter called “the Employer/Purchaser” wishes to receive bids for the supply as described in the Schedule of Requirements /Bill of quantities, hereinafter referred to as the “Supplies”.
- 1.2 The successful Bidder/Supplier will be expected to complete the Supplies within the Specified time.

#### IB.2 Fraud and Corruption

- 2.1 It is the Government of Pakistan’s policy to require that Bidder, Suppliers and Contractors and their sub-contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the following terms are defined:
- (i) “corrupt practice” is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
  - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
  - (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
  - (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
  - (v) obstructive practice” is;
    - (a) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
    - (b) the Employer/Purchaser will reject a proposal for award if it determines that the Bidder/Supplier recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for the contract in question;
    - (c) the Employer/Purchaser will sanction a firm or individual, including declaring ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it, at any time, determines that the firm has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for, or in executing, the contract; and
    - (d) the Employer/Purchaser will have the right to require that a provision be included in bidding documents requiring Bidder/Suppliers, suppliers and contractors and their sub-contractors to permit the Employer/Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Employer/Purchaser.

#### IB.3 Eligible Bidder/Suppliers

- 3.1 This Invitation for Bids is open to all Bidder/Suppliers meeting the following requirements:
- a. Duly Registered with Federal Board of Revenue for Sales Tax and Income Tax and Excise and Taxation Department.
  - b. Manufacturer or authorized representative of the manufacturer.
- 3.2 firms of a country may be excluded from bidding if;
- (a) As a matter of law or official regulation, the government of Pakistan prohibits commercial relation with that country;
  - (b) Government owned enterprises in Pakistan may participate only if they can establish that they
    - (i) are legally and financially autonomous and
    - (ii) Operate under commercial law.
- 3.3 A firm declared ineligible by the Government of Pakistan shall be ineligible to bid for a contract during the period of time determined by the Government of Pakistan.
- 3.4 A firm that has been determined to be ineligible by the Govt. of Pakistan or Govt. of Khyber Pakhtunkhwa in relation to the guidelines on preventing and combating fraud and corruption shall be not be eligible to be awarded a contract.
- 3.5 A firm black listed by Public Procurement Regulatory Authority or by KMU, Peshawar shall not be eligible to participate in the bidding.

#### IB.4 Qualifications of the Bidder/Suppliers

- The Bidder/Supplier shall provide documentary evidence that;
- a) The bidder/supplier has financial, technical, supplying, demonstration, fixing etc. capability necessary to perform the contract and has successful performance history in accordance to the nature of supplies in these bidding documents as described in Schedule of Requirement/Bill of Quantities.
  - b) In case the bidder/supplier offering the supplies that the bidder/supplier did not manufacture or otherwise produce, the bidder/supplier has been authorized by the manufacturer or producer of such supply.
  - c) In the case of a bidder/supplier who is not doing business within the Employer’s / Purchaser’s country (or for reasons will not itself carry out services/maintenance obligations), the bidder/supplier is or will be (if awarded the Contract) represented by a local service/maintenance provider in the employer’s/purchaser’s country equipped and able to carry out the bidder’s/supplier’s warranty obligations prescribed in the conditions of the contract and technical specifications; and
  - d) The Bidder/Supplier meets the qualification criteria listed under IB-23.2.



**IB.5 Cost of Bidding**

5.1 The Bidder/Suppliers shall bear all costs associated with the preparation and submission of their respective bids and the Employer/Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

**IB.6 Alternative bids by the bidders/suppliers**

6.1 If the Bidder/supplier who desires to quote various rates for the same item he must purchase more than one bidding document, further only the alternative bid submitted by the bidder whose basic bid is the lowest evaluated bid will be considered. Such alternatives will be evaluated in accordance to the prescribed evaluation criteria.

**B. BIDDING DOCUMENTS**

**IB.7 Contents of Bidding Documents**

7.1 The Bidding Documents, in addition to invitation for bids, are those stated below and should be read in conjunction with any Addendum issued by the employer/purchaser.

1. Instructions to Bidder/Suppliers.
2. Bid Data Sheet.
3. General Conditions of Contract, (GCC).
4. Particular Conditions of Contract, (PCC).
5. Specifications - Technical Provisions.
6. Form of Bid.
7. Schedule of Requirement (Bill of Quantities including Preamble).
8. Formats;
  - a) Integrity Pact.
  - b) Contract Agreement.

7.2 The Bidder/Suppliers are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of bid submission will be at the Bidder/Supplier's own risk.

**IB.8 Clarification of Bidding Documents**

8.1 Any prospective Bidder/Supplier requiring any clarification (s) in respect of the Bidding Documents may notify the Employer/Purchaser in writing at the Employer/Purchaser's address indicated in the Invitation for Bids and Bid Data Sheet. The Employer/Purchaser will respond to any request for clarification which he receives 7 (seven) days prior to the pre-bid meeting. Copies of the Employer/Purchaser's response will be forwarded to all Bidders/suppliers including a description of the enquiry but without identifying its source.

**IB.9 Amendment of Bidding Documents**

9.1 At any time prior to the deadline for submission of bids, the Employer/Purchaser may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective Bidder/Supplier, modify the Bidding Documents by issuing addendum.

9.2 Any addendum thus issued shall be part of the Bidding Documents hereof and shall be communicated in writing to all Bidders/suppliers. Prospective Bidder/Suppliers shall acknowledge receipt of each addendum in writing to the Employer/Purchaser.

9.3 To afford prospective Bidder/Suppliers reasonable time in which to take an addendum into account in preparing their bids, the Employer/Purchaser may extend the deadline for submission of bids.

**C. PREPARATION OF BIDS**

**IB.10 Language of Bid**

10.1 The bid and all correspondence and documents related to the bid exchanged by a Bidder/Supplier and the Employer/Purchaser shall be in the bid language stipulated in the Bid Data Sheet and Conditions of Contract. Supporting documents and printed literature furnished by the Bidder/Suppliers may be in any other language provided the same are accompanied by an accurate translation of the relevant parts in the bid language, in which case, for purposes of evaluation of the bid, the translation in bid language shall prevail.

**IB.11 Documents Constituting the Bid**

11.1 The bids submitted by the bidder in two envelopes, shall comprise the following:

**(A) Envelop -1 (Qualification documents alongwith Technical Proposal)**

To qualify the bidder and ensure Technical Responsiveness of the bid, Envelop-1 containing Qualification documents alongwith Technical Proposal shall be opened first. To facilitate the evaluation of the same, bidders must submit the following documents in addition to other as mentioned elsewhere in instructions to bidders;

**(a) Qualification Documents shall comprise;**

- a. Written power of attorney authorizing the signatory of the bid to act for and on behalf of the Bidder/Supplier;
  - i. Evidence of access to financial resources alongwith average annual turnover;
  - ii. Current litigation information;
  - iii. Availability of Bank Credit line;
  - iv. Bank Statements and financial statements duly audited by carter accountants upto the current Financial year;
  - v. Certificate as bidder is Manufacturer or authorized representative of the manufacturer.
  - vi. Experience record regarding in hand and previous contracts.
  - vii. Status of enlistment with other Govt. Organizations.
  - viii. Organization Chart and CV's of Engineering staff for completion of successful supplies, fixing, demonstration, and after sales service etc.
  - ix. Joint Venture Agreement (if applicable).

- x. Affidavit as the firm is eligible to participate in the bidding and is not black listed.
  - xi. Copy of registration with Federal Board of Revenue and Excise and Taxation Department.
- (b) Technical Proposal** shall be furnished taking into account;
- i. To examine whether the supplies offered by the bidder comply with the specifications (Technical Provisions) of the Bidding Documents. For this purpose, the bidder's shall provide Technical Proposals in shape of Brochures, Catalogues, Printed Literatures, and other Supporting Documents etc. for comparison with the data prescribed by the Employer in Technical Features/Criteria/Specification.
  - ii. Certificate for providing after sales service.
  - iii. In case of time sensitive chemicals the bidder must provide specification and relevant information for the same.
- (c) Certificate** that Bid Security has been attached to the financial proposal without showing the amount of bid security.
- (B) Envelop -II (Financial Proposal)**
- a. Dully filled-in Form of Bid and Schedule of Requirement/Bill of Quantities alongwith complete set of bidding documents prescribed in sub-clause 7.1;
  - b. Original form of Bid Security;
- 11.2** Bids submitted by a Joint Venture of two (2) or more firms shall comply with the following requirements:
- (a) The bid and in case of a successful bid, the Form of Contract Agreement shall be signed so as to be legally binding on all partners;
  - (b) one of the joint venture partners shall be nominated as being in charge; and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners;
  - (c) the partner-in-charge shall always be duly authorized to deal with the Employer/Purchaser regarding all matters related with and/or incidental to the execution of Supplies as per the terms and Conditions of Contract and in this regard to incur any and all liabilities, receive instructions, give binding undertakings and receive payments on behalf of the joint venture;
  - (d) all partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the Contract terms and a statement to this effect shall be included in the authorization mentioned under Sub-Para (b) above as well as in the Form of Bid and in the Form of Contract Agreement (in case of a successful bid); and
  - (e) a copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments / modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partners without prior written consent of the Employer/Purchaser.
- IB.12 Bid Prices**
- 12.1 Price shall be quoted against each item in schedule of requirement/bill of quantities. The disaggregation of price components is required solely for purpose of facilitating the comparison of bids by the Employer/Purchaser. This shall not in any way limit the Employer's/Purchaser's right to contract on any of the terms offered.
- 12.2 Prices shall be entered in the following manner;
- The price of the items shall ex-works, ex-factory, ex-warehouse, ex-showroom and off-the-shelf and shall include inland transportation, insurance and other local services required to convey the supplies to the final destination place as specified in Conditions of the Contract including fixing/placing, demonstration, testing operation (where directed).
- 12.3 All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 14 days prior to the deadline for submission of bids shall be included in the rates and prices and the total Bid Price submitted by a Bidder/Supplier. Additional/reduced duties, taxes and levies due to subsequent additions or changes in legislation shall be Reimbursed/ Deducted.
- 12.4 The rates and prices quoted by the Bidder/Suppliers are not subject to adjustment during the performance of the Contract.
- IB.13 Currencies of Bid and Payment**
- 13.1 The unit rates and the prices shall be quoted by the Bidder/Supplier in currency specified in **Bid Data Sheet**.
- IB.14 Bid Validity**
- 14.1 Bids shall remain valid for the period stipulated in the Bid Data Sheet after the Date of Bid Opening.
- 14.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer/Purchaser may request that the Bidder/Suppliers extend the period of validity for a specified additional period which shall in no case be more than the original bid validity period. The request and the responses thereto shall be made in writing. A Bidder/Supplier may refuse the request without forfeiting his Bid Security. A Bidder/Supplier agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his Bid Security for the period of the extension.
- IB.15 Bid Security**
- 15.1 Each Bidder/Supplier shall furnish, as part of his bid, a Bid Security in the amount stipulated in the Bid Data Sheet in Pak Rupees or an equivalent amount in a freely convertible currency.
- 15.2 The Bid Security shall be in the form specified in the Bid Data Sheet duly issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan in favour of the Employer/Purchaser valid for a period 28 days beyond the Bid Validity date.
- 15.3 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Employer/Purchaser as non-responsive.

- 15.4 The bid securities of unsuccessful Bidder/Suppliers will be returned upon award of contract to the successful bidders, or on the expiry of validity of bid security which is earlier.
- 15.5 The Bid Securities of the successful Bidders/Suppliers shall be retained for the successful performance of the contract, completion of the supplies and shall be returned alongwith retention money on expiry of the warranty period in accordance to the conditions of the contract.
- 15.6 The Bid Security may be forfeited;
- (a) If the Bidder/Supplier withdraws his bid except as provided in Sub-Clause 21.1;
  - (b) If the Bidder/Supplier does not accept the correction of his Bid Price pursuant to Sub-Clause 23.6 (a) hereof; or
  - (c) In the case of successful Bidder/Supplier, if he fails within the specified time limit to Sign the Contract Agreement.
- IB.16 Pre-Bid Meeting**
- 16.1 The Employer/Purchaser may, on his own motion or at the request of any prospective Bidder/Supplier(s), hold a pre-bid meeting to clarify issues and to answer any questions on matters related to the Bidding Documents. All prospective Bidder/Suppliers or their authorized representatives shall be invited to attend such a pre-bid meeting.
- 16.2 The Bidder/Suppliers are requested to submit questions, if any, in writing so as to reach the Employer/Purchaser 7 (Seven) days prior to the pre-bid meeting.
- 16.3 Minutes of the pre-bid meeting, including the text of the questions raised and the replies given, will be transmitted without delay to all Bidders/Suppliers of the Bidding Documents. Any modification of the Bidding Documents hereof which may become necessary as a result of the pre-bid meeting shall be made by the Employer/Purchaser exclusively through the issue of an Addendum and not through the minutes of the pre-bid meeting.
- 16.4 Absence at the pre-bid meeting will not be a cause for disqualification of a Bidder/Supplier.
- IB.17 Format and Signing of Bid**
- 17.1 Bidders/Suppliers are required to submit all the documents to facilitate opening and evaluation of bids in accordance to IB-11.1.
- 17.2 Bidder/Suppliers are particularly directed that the amount entered on the Form of Bid, Schedule of Requirement/Bill of Quantities shall be for performing the Contract strictly in accordance with the Bidding Documents.
- 17.3 All pages of Bid document are to be properly completed, sealed and signed.
- 17.4 No alteration is to be made in the Form of Bid nor in the Schedule of Requirement /Bill of Quantities thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.
- 17.5 Each Bidder/Supplier shall prepare by filling out the forms completely and without alterations one (1) original and number of copies, specified in the Bid Data Sheet, of the documents comprising the bid as described and clearly mark them "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.
- 17.6 The original and all copies of the bid shall be typed or written in indelible ink (in the case of copies, Photostats are also acceptable) and shall be signed by a person or persons duly authorized to sign on behalf of the Bidder/Supplier.
- 17.7 The bid shall contain no alterations, omissions or additions, except to comply with instructions issued by the Employer/Purchaser, or as are necessary to correct errors made by the Bidder/Supplier, in which case such corrections shall be initialed by the person or persons signing the bid.
- 17.8 Bidder/Suppliers shall indicate in the space provided in the Form of Bid their full and proper addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the Contract is to be sent.
- 17.9 Bidder/Suppliers should retain a copy of the Bidding Documents as their file copy.
- D. SUBMISSION OF BIDS**
- IB.18 Sealing and Marking of Bids**
- 18.1 Each Bidder/Supplier shall submit his bid as under:
- (a) Technical and Financial Proposals shall be separately sealed and put in separate envelopes and marked as such.
  - (b) The envelopes containing the original and copies will be put (original and each copy of the Bid) in one sealed envelope and addressed as identified in the bid data sheet.
- 18.2 The inner and outer envelopes shall provide a warning not to open before the time and date for bid opening, as specified.
- 18.3 In addition to the above the envelope shall indicate the name and address of the Bidder/Supplier to enable the bid to be returned unopened in case it is declared late.
- 18.4 If the envelope is not sealed and marked, the Employer/Purchaser will assume no responsibility for the misplacement or premature opening of the Bid.
- IB.19 Deadline for Submission of Bids**
- 19.1 (a) Bids must be received by the Employer/Purchaser at the address specified no later than the time and date stipulated in the Bid Data Sheet.
- (b) Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that specified above. Bidder/Suppliers shall bear all expenses incurred in the preparation and delivery of bids. No claims will be entertained for refund of such expenses.
- (c) Where delivery of a bid is by mail and the Bidder/Supplier wishes to receive an acknowledgment of receipt of such bid, he shall make a request for such acknowledgment in a separate letter attached to but not included in the sealed bid package.
- (d) Upon request, acknowledgment of receipt of bids will be provided to those making delivery in person or by messenger.
- 19.2 The Employer/Purchaser may, at his discretion, extend the deadline for submission of bids by issuing an amendment in accordance with Clause IB.9, in which case all rights and obligations of the Employer/Purchaser and the Bidder/Suppliers previously subject to the original deadline will thereafter be subject to the deadline as extended.
- IB.20 Late Bids**
- 20.1 (a) Any bid received by the Employer/Purchaser after the deadline for submission of bids will be returned unopened to such

Bidder/Supplier.

- (b) Delays in the mail, delays of person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the Bidder/Supplier's responsibility to determine the manner in which timely delivery of his bid will be accomplished either in person, by messenger or by mail.

**IB.21 Modification, Substitution and Withdrawal of Bids**

- 21.1 Any Bidder/Supplier may modify, substitute or withdraw his bid after bid submission provided that the modification, substitution or written notice of withdrawal is received by the Employer/Purchaser prior to the deadline for submission of bids.
- 21.2 The modification, substitution, or notice for withdrawal of any bid shall be prepared, sealed, marked and delivered in accordance with the provisions of Clause IB.18 with the outer and inner envelopes additionally marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" as appropriate.
- 21.3 No bid may be modified by a Bidder/Supplier after the deadline for submission of bids.
- 21.4 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security.

**E. BID OPENING AND EVALUATION**

**IB.22 Bid Opening**

Opening of the bids shall take place by the Bid Opening Committee in following two stages;

**(A) Envelop -I (Qualification Documents alongwith Technical Proposal)**

- 22.1 Prior to open the financial bid of the bidders/suppliers, Envelop-1 (i-e Qualification Documents alongwith Technical Proposals) shall be opened by the bid opening committee Khyber Medical University, Peshawar.
- 22.2 Qualification Documents alongwith Technical Proposals shall be evaluated by the Committee, constituted by Khyber Medical University, Peshawar for the purpose in accordance to the specified criteria.

**(B) Envelop –II (Financial Proposal)**

- 22.3 Only the Bids (Financial Proposals) of the Qualified and Technically accepted/responsive as a result 23.1, 23.2 including withdrawals, substitution and modifications made pursuant to Clause IB.21, will be opened publically by the Bid Opening Committee in the presence of Bidder/Suppliers representatives who choose to attend, at the time, date and location stipulated in the Bid Data Sheet. The Bidder/Suppliers representatives who are present shall sign attendance sheet evidencing their attendance.
- 22.4 Envelopes marked "Modification", "Substitution" or "Withdrawal" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to Clause IB.21 shall not be opened.
- 22.5 The Bidder/Supplier's name, total Bid Price and price of any Alternate Proposal(s), any discounts, bid modifications, substitution and withdrawals, the presence or absence of Bid Security, and such other details as the Employer/Purchaser may consider appropriate, will be announced by the Employer/Purchaser at the opening of bids.
- 22.6 Employer/Purchaser shall prepare minutes of the bid opening, including the information disclosed to those present in accordance with the Sub-Clause 22.5.
- 22.7 Financial Proposals shall be evaluated in detail by the by the Committee, constituted by Khyber Medical University, Peshawar for the purpose.

**IB.23 Evaluation of bids.**

Evaluation Committee, Khyber Medical University, Peshawar shall evaluate the bids, in following two stages;

**(A) Envelop -I (Qualification Documents alongwith Technical Proposal).**

- 23.1 To determine the eligibility of the bidder for participation in the bidding, the committee will verify the bidder in accordance to the instructions specified under clause IB-3. The Qualification Documents alongwith Technical Proposals of only eligible bidders shall be evaluated further.
- 23.2 Qualification of the bidders shall be determined in accordance to criteria set herein below from the documents submitted by the bidders, prescribed in IB-11. Bidder scoring 50% and above marks shall be declared as pass. Criteria for qualification of bidders/suppliers shall be;

Sr. #	Category	Weightage/Marks
1.	Financial Soundness	45
2.	Experience Record	35
3.	Personnel Capabilities	20
<b>Total:</b>		<b>100</b>

The further detailed criteria for each category shall be as under the each head;

**1. Experience**

Credit Marks for experience shall be awarded on the basis of following qualifications:

Sr. #	Description	Detailing	Weightage / Marks
i)	Supplies of similar nature and complexity completed over last 10 years.	12marks/3projects 1mark/each additional	15
ii)	Supplies of similar nature and complexity in hand.	9mrk/3pro 1mrk/addl	10
iii)	Experience of Supplies related to this bid but not basic part.	3mrk/3pro 1mrk/each addl	5
iv)	Status of enlistment with Government Organizations and other agencies.	4mrk/3 Dept 1mrk/1 addl	5
<b>Sub-total:</b>			<b>35</b>

**2. Personnel Capabilities**

Credit Marks shall be awarded under this category using the following criteria:

Sr.	Description	Detailing	Weightage / Marks
i)	Graduates in employment of the firm in relevant field.		
	a) Number	02 Nos	6
	b) Experience (in number of years)	05years/each	4
ii)	DAE/Certificate holders in Employment of the Firm in relevant field.		
	a) Number	03 Nos	6
	b) Experience (in number of Years)	05years/each	4
		<b>Sub-total:</b>	<b>20</b>

**3. Financial Position**

Credit Marks shall be awarded on the basis of the following criteria:

Ser. #	Description	Detailing	Weightage / Marks
i)	Available Bank Credit Line	3mrk/4mill 1mrk/ addl	10
ii)	Working Capital in last 3 years.	3mrk/4mill 1mrk/addl	15
iii)	Registration with Income Tax Department	Y=7	7
iv)	Litigation History where decision went against the Firm.	N=5	5
v)	Blacklisting from any Agency	N=8	8
		<b>Sub-total:</b>	<b>45</b>

23.3 **Technical Proposals** of the qualified bidders shall be placed for evaluation. For this purpose, the Brochures, Catalogues, Printed Literatures, and other Supporting Documents etc. submitted by the bidders shall be compared with the data in Technical Features/Criteria/specifications as envisaged in the bidding documents. It is expected that no major deviation/stipulation shall be taken by the bidders; otherwise the proposal shall be rejected.

**(B) Envelop -II (Financial Proposal);**

23.4 Financial proposal of only Eligible, Qualified and Technically Responsive bidders duly opened by the bid opening committee shall be placed for evaluation by following steps mentioned herein below;

**Preliminary Examination of Bids and Determination of Responsiveness;**

23.5 Prior to the detailed evaluation of bids (Financial proposals);

**(a) the Employer/purchaser will examine the Bids to determine whether;**

- (i) Required sureties have been furnished,
- (ii) The documents have been properly signed,
- (iii) The Bid is valid till required period,
- (iv) The Bid prices are firm during currency of contract,
- (v) Completion period offered is within specified limits,
- (vi) The Bids are generally in order.

**(b) A bid will not be considered, if;**

- (i) it is unsigned,
- (ii) its validity is less than specified,
- (iii) it indicates that Bid prices do not include the amount of income tax or others,
- (iv) it is not accompanied with bid security,
- (v) it is received after the deadline for submission of bids,
- (vi) it is submitted through fax, telex, telegram or email,
- (vii) it indicates that prices quoted are not firm during currency of the contract whereas the bidders are required to quote fixed price(s),
- (viii) the bidder refuses to accept arithmetic correction,
- (ix) The submitted bid is conditional,
- (x) It limits the bidder's obligation in any way under the contract.

**Detailed evaluation of financial bids.**

23.6 Responsive unconditional bids shall be place for evaluation and price adjustment, as;

**Correction of arithmetic errors;**

23.6 a. If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the total Bid price entered in Form of Bid and the total shown in Schedule of Prices, the amount stated in the Form of Bid will be corrected by the Employer/Purchaser in accordance with the Corrected Schedule of requirement/Bill of Quantities. If the Bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.

**23.6.b. Price Adjustment for Completion Schedule;**

- I. Bids indicating completion in advance of the time specified in bidding documents, no credit will be given in this evaluation.
- II. Bids indicating completion period later than the period specified shall be adjusted in the evaluation by applying a factor of 0.05% to the Arithmetically Corrected Total Bid Price for each calendar day of completion later than specified period of the

completion.

The committee shall determine the lowest evaluated responsive bidders keeping in view the above criteria and shall be recommended for award of contract.

**IB.24 Clarification of Bids**

24.1 To assist in the examination, evaluation and comparison of bids, the Employer/Purchaser may, at his discretion, ask any Bidder/Supplier for clarification of his bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Purchaser in the evaluation of the bids.

**IB.25 Process to be Confidential**

25.1 Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a contract shall not be disclosed to Bidder/Suppliers or any other person not officially concerned with such process before the announcement of bid evaluation report which shall be done at least ten (10) days prior to issue of Letter of Acceptance. The announcement to all Bidder/Suppliers will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated. Any effort by a Bidder/Supplier to influence the Employer/Purchaser's processing of bids or award decisions may result in the rejection of such Bidder/Supplier's bid. Whereas any Bidder/Supplier feeling aggrieved may lodge a written complaint not later than fifteen (15) days after the announcement of the bid evaluation report; however mere fact of lodging a complaint shall not warrant suspension of the procurement process.

**F. AWARD OF CONTRACT**

**IB.26 Award**

26.1 The Employer/Purchaser will award the Contract to the Bidders/Suppliers whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such Bidders/Suppliers has been determined to be Eligible, Qualified and Technically Responsive.

**IB.27 Employer's/Purchaser's Right to Vary Quantities**

27.1 Employer reserve the right at the time of award of contract to increase or decrease the quantities mentioned in the schedule of requirement/ Bill of Quantities without any change in the unit price or other terms and conditions.

**IB.28 Employer/Purchaser's Right to accept any Bid and to reject any or all Bids**

28.1 The Employer/Purchaser reserves the right to accept or reject any Bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder/Suppliers or any obligation except that the grounds for rejection of all bids shall upon request be communicated to any Bidder/Supplier who submitted a bid, without justification of grounds. Rejection of all bids shall be notified to all Bidder/Suppliers promptly.

**IB.29 Notification of Award**

29.1 Prior to expiration of the period of bid validity prescribed by the Employer/Purchaser, the Employer/Purchaser will notify the successful Bidder/Supplier in writing ("Letter of Acceptance") that his Bid has been accepted. This letter shall name the sum which the Employer/Purchaser will pay the Contractor in consideration of the execution of the contract and completion of the Supplies by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called the "Contract Price").

29.2 No Negotiation with the Bidder/Supplier having evaluated as lowest responsive or any other Bidder/Supplier shall be permitted, however, Employer/Purchaser may have clarification meetings to get clarify any item in the bid evaluation report.

29.3 The notification of award and its acceptance by the Bidders/Suppliers will constitute the formation of the Contract, binding the Employer/Purchaser and the Bidder/Supplier till signing of the formal Contract Agreement.

29.4 Upon notification of award and its acceptance by the Bidders/Suppliers, the Employer/Purchaser will promptly notify the other Bidder/Suppliers that their Bids have been unsuccessful and return their bid securities.

**IB.30 Signing of Contract Agreement**

30.1 Within 14 days from the date of issuance of acceptance letters, the Employer/Purchaser will send the successful Bidders/Suppliers the Contract Agreement in the form provided in the Bidding Documents, incorporating all agreements between the parties.

30.2 The formal Agreement between the Employer/Purchaser and the successful Bidders/Suppliers shall be executed within 14 days of the receipt of the Contract Agreement by the successful Bidder/Supplier from the Employer/Purchaser.

**IB.31 General Performance of the Bidder/Suppliers**

31.1 The Employer/Purchaser reserve the right to obtain information regarding performance of the Bidder/Suppliers on their previously awarded contracts/Supplies. The Employer/Purchaser may in case of consistent poor performance of any Bidder/Supplier as reported by the Employer/Purchasers of the previously awarded contracts, interalia, reject his bid. The Employer/Purchaser with its rules, procedures and relevant laws of the land take shall such action as may be deemed appropriate under the circumstances of the case including black listing of such Bidder/Supplier and debarring him from participation in future bidding.

**IB.32 Integrity Pact**

32.1 The Bidders/Suppliers shall sign and stamp the Integrity Pact provided in these bidding documents for all Federal Government procurement contracts exceeding Rupees ten million. Failure to provide such Integrity Pact shall make the Bidder/Supplier non-responsive.

**BID DATA SHEET (Copy)**

*The following specific data to be bided shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.*

- IB-1.1 **Name and address of the Employer/Purchaser:** The Vice Chancellor Khyber Medical University, Peshawar
- IB-1.1 **Name of the Contract;**  
"Supply of Laboratory Equipment, Chemicals & Glassware to Khyber Medical University, Peshawar".
- IB-1.2 **Time for completion;** The entire supplies shall be completed within in **90 (ninety)** days.
- IB-8.1 **Address for clarification of bid;** Chairman Purchase Committee/ Chairman Technical/Inspection Committee
- IB-10.1 **Bid language;** The bid and all correspondence shall be made in English language.
- IB-13.1 **Currency of Bid and Payment;** Bidders to quote entirely in Pak. Rupees.
- IB-14.1 **Period of Bid Validity:** 90 (ninety) days.
- IB-15.1 **Amount of Bid Security;** Two Percent (2%) of the total Bid Cost.
- IB-15.2 **Format of bid security.** Bid security shall be form of call deposit in favour of the Treasurer Khyber Medical University, Peshawar.
- IB-16.1 **Pre-Bid Meeting;** As shown in the Invitation to Bid.
- IB-17.4 **Number of copies of the Bid documents;** One ORIGINAL and one COPY.
- IB-19.1 **Employer's address for the purpose of Bid submission;**  
Chairman Purchase Committee, Khyber Medical University, PDA Building 4<sup>th</sup> floor Hayatabad, Phase-V, Peshawar.
- IB-20.1 **Deadline for submission of bids;** as shown in the Invitation for Bids.
- IB. 22.1 **Venue, time, and date of Bid opening;** as shown in the Invitation for Bids.

**PREAMBLE TO SCHEDULE OF REQUIREMENT/BILL OF QUANTITIES**

**1. General**

- 1.1 The Schedule of Requirement/Bill of Quantities shall be read in conjunction with the Conditions of Contract (GCC & PCC) together with the Specifications and addenda, if any.

**2. Description**

- 2.1 The descriptions of Equipment, Chemicals & Glassware are in summarized form and are abbreviations in the Schedule of requirement/Bill of Quantities and references to the relevant sections of the Specification is made for clarification of each item.

**3. Units & Abbreviations**

- 3.1 Units of measurement, symbols and abbreviations expressed in the Bidding Documents shall comply with the System International Unites (SI Units).

**4. Rates and Prices**

- 4.1 Except as otherwise expressly provided under the Conditions of Contract, the rates and amounts entered in the Schedule of Requirement/Bill of Quantities shall be the rates at which the Contractor shall be paid and shall be the full inclusive value of the supplies set forth or implied in the Contract; except for the amounts reimbursable, if any to the Contractor under the Contract.
- 4.2 Unless otherwise stipulated in the Contract, the rates and prices entered by the bidder shall not be subject to adjustment during the performance of the Contract.
- 4.3 All duties, taxes and other levies payable by the Contractor shall be included in the rates and prices.
- 4.4 The cost of complying with the provisions of the Contract shall be included in the items provided in the Schedule of Requirement/Bill of Quantities. The rates, prices and amounts shall be entered item wise in the Schedule of Requirement/Bill of Quantities.
- 4.5 (a)The bidder shall be deemed to have obtained all information as to and all requirements related thereto which may affect the bid price.  
(b)The Contractor/Supplier shall be responsible to make complete arrangements for the supply of Equipment, Chemicals & Glassware, including fixing, placing, installation, demonstration, testing, operation etc. of the Equipment, Chemicals & Glassware at the Site.
- 4.6 The Contractor shall provide for all parts of the Equipment, Chemicals & Glassware to be completed in every respect. Notwithstanding that any details, accessories, etc. required for the complete installation and satisfactory operation, are not specifically mentioned in the Specifications, such details shall be considered as included in the Contract Price.

**5. Bid Prices**

**5.1 Break-up of Bid Prices**

The various elements of Bid Prices shall be quoted in the Schedule of Requirement/Bill of Quantities.

The bidder shall recognize such elements of the costs which he expects to incur the performance of the supplies and shall include all such costs in the rates and amounts entered in the Schedule of Requirement/Bill of Quantities.

**SPECIFICATIONS (TECHNICAL PROVISIONS)**

1. **HPLC system;**  
 HPLC shall be a microprocessor controlled Gradient complete system with smooth function (without interruption in the methodology, Specifications for other key items are as:  
**PUMP**  
 \* Flow rate range should be 0.01 to greeter than 10.0 mL/min or above so that it can work both in analytical and preparative LC.  
 \* Maximum operating pressure rang should be 0 to 6100 psi for analytical or above for preparative LC.  
 \* Flow Precision should be at least 0.3%  
 \* Flow Accuracy should be +1% at 1ml/min.  
 \* Linearity should be within  $\pm 1\%$  of setting at 1 mL/min and 1000 psi with water.  
**UV/Visible Detector**  
 \* Wavelength Range should be 190 to 1100nm.  
 \* Bandwidth should be 5 nm or less.  
 \* Wavelength Accuracy should be  $\pm 0.5$ -1nm.  
 \* Wavelength Reproducibility should be  $\pm 0.5$  nm.  
 \* Optics should be double beam.  
 \* Light Source: Deuterium (190-360 nm) and tungsten (360-700 nm) that can work in UV and visible range.  
**Optional detectors**
  - Refractive index detector
  - Photodiode arrays & light scattering detectors
  - Florescent detector**For standard work Software**  
 \* Software should be Window XP operating system based.  
 \* It should control full HPLC system.  
 \* Communication should be on RS232 port/USB.  
 \* It should has graphical method editing, for visual optimization of components names, ISTD and reference peak identification search windows component grouping, and data processing and calibration parameters.  
 \* It should has the facility of display component names, retention times, relay events, and baseline timed events in Graphic method editing.  
 \* It should obtain average and %RSD value of summarized component amounts, area heights, and response factors.  
**HPLC Column Oven**  
 \* Operating rang should be 30 to 90 C.  
 \* Temperature accuracy should be  $\pm 1$ C.  
 \* Temperature Stability should be  $\pm 0.2$ C.  
 \* Should have Leakage sensor for safety.  
**Columns:**  
 Column: Analytical C18, silica column with (250X10 mm internal diameter and ODS (250 X10 mm I.D). C18 micro bond pack (300 x24.4 nm dia)  
**Computer and Printer should be of the following specification**  
 \* PIV Computer compatible.  
 \* Intel Pentium IV, 2.8 GHz Dual Core Processor, Mother board Intel Original, Memory 1GB DDR-2 Ram, 80GB Hard Disk, 17" LCD Monitor, Combo Drive, ATX Casing, Keyboard, Mouse.  
 Printer HP Laser Jet 1102 or equivalent  
**General;** The system shall have UV/Visible detector with working capacity both for analytical grade system that can sense 10 microgram /ml with flow rate from 0.01 ml/min. with regard to work on process scale and preparative system, it shall have adjustable flow rate greater than 10 ml/min with column diameter 23-30 mm and for process scale column diameter shall be greater than 50 mm. It must have degasser (especially gradient 3channels), and adjustable flow rate for two more solvent systems. The system shall have auto sampling facility along with recycling facility especially for the process scale and preparative HPLC functions. The system must have micro syringes for delivery of 5, 10, and 20 microliter delivery of samples.  
**Optional detectors** like photodiode arrays and scattering detector shall also be quoted.
2. **Gel documentation System;**  
 Transilluminators 8W,  
 Ultraviolet light (300-350nm) for ethidium bromide capture and visible light lamps for normal photographySoftware with editable capture propertiesControl unit LCD camera manual zoom, Ethidium bromide filters, camera hood  
 User friendly installation and editing with USB print facility
3. **Spectrophotometer;**  
 Double beam with UV/ visible detector with high precision. Band width 0.5-5 nanometer adjustment. The system must have inbuilt software for 2 or multiple components analysis and scanning facilities of compounds & mixture of compounds.  
 Cuvetts(quartz) standard size 1cm ~ 1 set. Size for quantitation of DNA/RNA/protein in solution ~ 1 set. Light source xenon flash light Computer system with compatible with Windows 7, Vista, XP, 220V, 50/60 Hz
4. **Autoclave;**  
 60 Liters, Programmable Sterilization Facilities for Liquids and Solids Digital Display Automated Water Recycling facility, Electric



- Supply: 220V, 50/60Hz,  
 Temperature range: 5-124°C, Timer: Microprocessor PID, Multifunctional Controller,  
 Material Chamber: Stainless Steel, Material Cabinet: Powder coated Steel,  
 Programme end time and overheating warning alarm.
5. **Water Ultra filtration unit;**  
 Ultra violet light treatment with deionizing resins and maximum conductivity 1-0.1S Maximum liters capacity (200 liters).
  6. **Refrigerated Centrifuge;**  
 Refrigerated -11°C to 40°C internal temperature  
 With rotor capacity 0.2ml-2.2ml tubes, 30 tubes spaces maximum (30x1.5/2.0ml rotor)  
 Rotor speed 14,000-18,000 rpm, Power supply 220V, 50/60 Hz
  7. **Cryostat Ultra microtome;**  
 Section thickness setting: 1-60 µm  
 0-10 µm in 1 µm increments, .10-20 µm in 2 µm increments, 20-60µm in 5µm  
 Increments, Maximum specimen size: 50x70 mm, Horizontal specimen feed: 28 mm  
 Vertical specimen stroke: 59 mm  
 Specimen orientation: .8° (x,y,z axis), Trimming: motorized coarse feed, Motorized coarse feed: 2 speeds, Rapid: 0,8mm/sec, Slow: 0,2 mm/sec, Cooling capacity:  
 Temperature setting range: .0°C to -35°C, Cooling down time to -35°C: .appr. 4 hours  
 Chamber defrosting: programmable or manual, 1 automatic defrosting cycle / 24 hour duration: 9 min. Freeze shelf temperature. -40°C, Nominal supply voltage: 220 V / 50 Hz, 110 V / 60 Hz, Maximum power draw: 450 VA
  8. **Miscellaneous** (Misc lab Equipment as per BoQ Page 39 to 42)
  9. **Giga counter;**  
 Used for measurement of gamma radiation equivalent dose rate, Measurement of gamma radiation equivalent dose. Evaluation of surface contamination by beta radionuclides. The item shall have automatic setting facilities for measurement of intervals and ranges. Audio signaling of each detected gamma-quantum or beta-particle. With programming of audio alarm threshold level of gamma radiation dose rate. Measurement ranges and basic relative errors:  
 - gamma radiation equivalent dose rate: 0.1 ... 999.9; ±25% µSv/h  
 - gamma radiation equivalent dose: 01 ... 9999; ±25% mSv  
 - beta-particles flux density with possible evaluation of surface contamination by beta-radionuclides ( 90 Sr 90 Y): 10 ... 100 000 1/(cm<sup>2</sup> ·min)  
 Energy ranges of measurement and energy dependence:  
 - gamma and X-ray radiation: 0.05 ... 3.0; ±25% MeV  
 - beta radiation: 0.5 ... 3.0 MeV, Measurement time intervals: 5 ... 70 seconds  
 Shall be able to work with and without probe for maximum protection of the scientists.
  10. **Binocular microscope**  
 UIS-2 infinity corrected optical system, microscope frame for transmitted microscopy with binocular tube 30° inclined, interpupillary distance adjustment range 48-75mm, lockable eyepieces 10x FN18 with diopter settings and antifungal treated and objectives, quadruple revolving nosepiece, stage coarse movement stroke 20mm fine focus gradation 2.5µm, tension adjustment for smoother focusing, locked Abbe condenser with iris diaphragm NA1.25, plan achromatic objective antifungal treated 4x, 10x, 40x, 50x, 60x, 100x, left right side dual focusing and fine focusing knobs, transmitted illumination 0.5 W LED with life time of 20,000 hours minimum. The system shall have preferably facility for camera.
  11. **Laminar Air Flow Hood;**  
 Vertical with UV and florescent lamp facility Not less than 1 X 0.6 (meters) with adjustable front window. HEPA/ULPA filtration System, Slide type door  
 Electric Supply: 220V, 50/60Hz, Internal Work Area Space: 6-9 Sq. ft  
 Double Blower System, Airflow Velocity: Inflow 1.10 ms<sup>-1</sup>, Downflow: 0.41 ms<sup>-1</sup>
  12. **Growth incubators;**  
 Partitioned inner glass door and divided shelves,  
 User friendly LCD screen and operations Hot air sterilization for cleaning and disinfection, Stainless steel inner chamber, Volume 200 liters, perforated stainless steel shelves. Temperature range 20-80 degree centigrade,  
 The vendor should quote prices for anaerobic/Co2 incubation facility
  13. **Ultra freezer;**  
 Volume capacity 25 cft, Upright cabinet orientation, double doors,  
 Multiple compartments for specimen/compounds banking system  
 Temperature range -86°C, Power supply 220V, 50/60Hz, along with UPS backup.
  14. **Freezer;**  
 Volume capacity 300 liters, Upright cabinet orientation,  
 Multiple compartments, Temperature range -20°C,  
 Power supply 220V, 50/60Hz, along with UPS backup.
  15. **PCR Machine;**  
 Aluminum block/plate, 0.2-0.5ml tubes 96 wells with temperature gradient facilities, Lid temperature 99-103°C, Graphical/digital display Programmes >100, Maximum heating/cooling 4-5.0°C/sec sample storage at 4°C, Fast cycle completion, Cycle restoration at accidental failure of power supply, Electricity 220V, 50/60Hz.

16. **Electrophoresis assembly;**  
Complete apparatus with safety lid and attached power cords platinum wiring for 50 ml gel volume, 2 short glass plates 19.7 x 16.0 cm, 2 long glass plates 19.7 x 18.5 cm, 2 replacement gaskets with 12 comb blocks, 12 spring clips, Spacer Sets (complete with 1 bottom spacer, 2 side spacers and 2 foam blocks) 0.8 mm thick, Combs, 0.8 mm (max. vol./well at an insertion depth of 9 mm): 20 wells (34 µl), *Spacers and comb thickness must be the same.*  
**The vendors should quote price for both Vertical and horizontal electrophoresis.**
17. **UPS;**  
4-8 KVA, Wet rechargeable batteries with standard backup time, automatic charging, Low noise beep, Inbuilt relay system for power fluctuation.
18. **Vacuum filtration assembly;**  
At least 300 ml funnel top, fritted glass funnel support, At least 1 L filtration flask, clamp, and silicone stopper alongwith vacuum pump, with plate form size 0.45cm.
19. **Shaking incubators;**  
Orbital shaking, upto 500 rpm, Digital Display, Temperature Control from 4-100°C, Multivolume Clips (50, 100, 250 &1000ml), Platform Size: 300-500x300-500 mm, Electric Supply: 220V, 50/60Hz.
20. **Oven;**  
Capacity 80 liters Automatic, LCD display  
Digital time control programmable heating facility  
Temp range 50-300 degree centigrade
21. **Analytical balance;**  
Digital automated, Range from 0.02gm to 320 grams
22. **pH meters;**  
Automated pH calibration with conductivity measuring facility,  
Buffer values memorization facilities for a wide range of 4, 6, 7, 9, 11,  
Standard solution for calibration  
pH range -2 to 16,  
Exchangeable readability 0.1|0.01|0.1,  
Temperature range up to 120°C.
23. **Water Baths;**  
Capacity: 30-40 Liters, Digital Display, Microprocessor PID Control,  
Material Bath: Seamless Stainless Steel,  
Temp. Control: 4-100°C,  
Shaking: upto 300 rpm, Rubber Sample Trays (1.5, 15, 20, 50 ml Tubes).
24. **Microfuge;**  
Digital display, Minimum 14000 - 18000 rpm,  
Refrigerated control minus 9 to plus 40 °C  
Fixed rotors with 1.5-2.2 ml tubes, 24 to 30 tubes capacity, 0.02 ml tubes adapters.
25. **Bench top High Speed centrifuge;**  
Benchtop, Refrigerated, Minus 9 to plus 40 degree °C, Swing or fixed rotor with 15 ml and 50 ml Falcon tubes adapters.
26. **2 door Fridges (Pak made);**  
Double door (glass), Upright 900 liter volume 4 to 8 °C.
27. **Ice making machine;**  
Vertical Unit, Fast efficient production for whole institute, Production capacity ~ 180 kg.
28. **Tanks for liquid Gases and Accessories;**  
Liquid NO<sub>2</sub>, and carbogen gas (O<sub>2</sub>:CO<sub>2</sub>), 100, 500 litres capacity with regulators where required.

**SALES AND PURCHASE OF BID DOCUMENTS**

Consequent upon the issuance of invitation for bid in print media and on Khyber Medical University, Peshawar website; sale of the document took place and following bidders purchased the documents on the net payment of Rs. 1000/- per each as envisaged in bid document.

Ser #.	Name of Firm	Address	E-mail	Cell/Phone
1.	M/S Musaji Adam & Sons, Peshawar.	39-Ground Floor, Karachi Market, Khyber Bazar, Peshawar-25000	<a href="mailto:mas.pew@musajisons.com">mas.pew@musajisons.com</a>	0300-5965760 091-2553949
2.	M/S Diagnostic Technology Services.	Flat # 3, 1 <sup>st</sup> Floor, Al-Haaj Plaza, Hajiabad, Charsadda road, Peshawar	<a href="mailto:dtspk@comsats.net.pk">dtspk@comsats.net.pk</a> <a href="mailto:disam100@comsates.net.pk">disam100@comsates.net.pk</a>	051-5542099 091-5278294
3.	M/S Rays Technologies.	Flat No. S-5, 2 <sup>nd</sup> Floor, Jabbar Khan Plaza, Town Chowk, University Road Peshawar.	<a href="mailto:kpkraytech@gmail.com">kpkraytech@gmail.com</a>	091-5706145 0300-5810856 0333-9339390
4.	M/S Scientific Supplies (Pvt.) Ltd.	Mezzanine 5-A, G-D Arcade, 73-E, Blue Area, Islamabad	<a href="mailto:ilyas@scientific-supplies.com.pk">ilyas@scientific-supplies.com.pk</a>	0321-5277894 051-2873446
5.	M/S AYA Corporation Peshawar.	H# 36, Street#5, Defense Officers Colony Peshawar	<a href="mailto:Wasi_17@hotmail.com">Wasi_17@hotmail.com</a>	091-5278244 0300-9039376
6.	M/S Medent Corporation.	302, B-Block, City Tower, Jamrud Road, Peshawar	<a href="mailto:medenta@brain.net.pk">medenta@brain.net.pk</a> <a href="mailto:aslambasharat@hotmail.com">aslambasharat@hotmail.com</a>	091-5701440 0321-9152000
7.	M/S Marks Company.	17-G, Main Palza, Chandni Ckawk, Murree road, Rawalpindi	<a href="mailto:obaid@markspk.com">obaid@markspk.com</a> <a href="mailto:info@markspk.com">info@markspk.com</a>	0345-6445206 051-4571256
8.	M/S Western Scientific Traders.	Neelam Road, H.No.28, Sector G-9/3, Islamabad	<a href="mailto:peshawar@westerngroup.com.pk">peshawar@westerngroup.com.pk</a>	091-5844886
9.	M/S Technology Links (Pvt.) Ltd.	06-Al Sayed Plaza Abdara Chowk, University Road, Peshawar.	<a href="mailto:nisar_ahmed@technologylinks.com.pk">nisar_ahmed@technologylinks.com.pk</a> <a href="mailto:techno@khi.paknet.com.pk">techno@khi.paknet.com.pk</a>	0302-8580092 0346-9039109
10.	M/S Scitech Services Providers.	408, 4 <sup>th</sup> Floor, Block-A, City Tower, University Road, Peshawar	<a href="mailto:scitechpsh@gmail.com">scitechpsh@gmail.com</a> <a href="mailto:scitechpwr@cyber.net.pk">scitechpwr@cyber.net.pk</a> <a href="mailto:noorzeb.scitech@gmail.com">noorzeb.scitech@gmail.com</a>	091-5702614 0300-5990467
11.	M/S Meditron Trading Corporation	8, Al-Sayyed Plaza, University Road, Peshawar	<a href="mailto:meditron@meditron-inst.com">meditron@meditron-inst.com</a>	091-5841986 091-5705734
12.	M/S Scientific Technical Corporation (Pvt.) Ltd.	LG-2,3,4&6 Queen's Centre, 33-Shahrah-e-Fatima Jinnah (Queens Road) Lahore	<a href="mailto:stc@brain.net.pk">stc@brain.net.pk</a>	042-36361665
13.	M/S Analytical Measuring System (Pvt.) Ltd.	404, 4 <sup>th</sup> Floor, Block-B, City Tower, University Road, Peshawar.	<a href="mailto:ampwr@ampsvtltd.com">ampwr@ampsvtltd.com</a> <a href="mailto:aurangzeb.khalil@ampsvtltd.com">aurangzeb.khalil@ampsvtltd.com</a>	091-5850848-9 0300-5925690
14.	M/S Pak Glorious Enterprises.	1 <sup>st</sup> Floor Alhaaj Plaza Haji Abad Charsadda Road, Peshawar	<a href="mailto:pakglorious@yahoo.com">pakglorious@yahoo.com</a>	051-5532291 0333-9111628
15.	M/S Chemical House	Flat#1, 1 <sup>st</sup> Floor, Qamar Mansion, Opposite UBL Bank, Saddar Road, Peshawar Cantt.	<a href="mailto:info@chemical-house.com">info@chemical-house.com</a>	091-5277858
16.	M/S ENS Computer and Electronic Media	28, 28 Ground Floor, Gul Haji Plaza, University Road, Peshawar	<a href="mailto:ens@ens2000.info">ens@ens2000.info</a>	091-5844314 0300-9595288
17.	M/S Technology International Fsd.	Plot#5, main Talian Wala Road Jawad Club, Chaudhry Park, Marzipura, Fasalabad	<a href="mailto:info@ti.com.pl">info@ti.com.pl</a> <a href="mailto:techintl@cyber.net.pk">techintl@cyber.net.pk</a>	041-2695761 0321-6665560 0302-6070800
18.	M/S Alaptageen Enterprises	D-14, Karachi Market, Khyber Bazaar, Peshawar.	<a href="mailto:haq_cemtech@yahoo.com">haq_cemtech@yahoo.com</a>	0313-3780298 091-5006452
19.	M/S Rizvi & Co (Pvt.) Ltd.	Flat No. C-4, 3 <sup>rd</sup> Floor, Town Centre, main Abdara Road, University Town Peshawar	<a href="mailto:sales@rizviandco.com.pk">sales@rizviandco.com.pk</a>	091-5840236
20.	M/S Trade Vision International (Pvt.) Ltd.	Peshawar Medical Centre Soekarno Shoba Chowk, Khyber Bazaar Peshawar.	<a href="mailto:tradevisionsint@gmail.com">tradevisionsint@gmail.com</a>	091-2219231
21.	M/S Medco, Medical Equipment.	19-Khyber Bazaar, Peshawar	<a href="mailto:medco@brain.net.pk">medco@brain.net.pk</a>	091-2212702
22.	M/S Pace International Rwp.	Karachi Market, Khyber Plaza, Peshawar.	<a href="mailto:paceintl@isb.comsats.net.pk">paceintl@isb.comsats.net.pk</a>	0345-9177020 051-2526236
23.	M/S Burhani Enterprises	21-A, Karachi Market, Khyber Bazar Peshawar	<a href="mailto:burhanient@gmail.com">burhanient@gmail.com</a>	091-2571193 051-2573852
24.	M/S Muhammad Akram & Co.	22-Abkari Raod new Anarkali, Lahore	<a href="mailto:makram@gmail.com">makram@gmail.com</a> <a href="mailto:makramco786@hotmail.com">makramco786@hotmail.com</a>	042-37234919

**PRE-BID MEETING**

In accordance to invitation for bid, pre-bid meeting was held at the committee room of Khyber Medical University, Peshawar on April 19, 2012 whereby queries of the bidder were replied by the chairman purchase committee and an addendum was also issued to the agreed/justified points of the bidders who were present in the meeting, however all the purchaser were submitted the said amendment and minutes.

**OPENING OF BIDS**

As single stage two envelop bidding was decided in accordance to PPRA rules, and were submitted to the Chairman Purchase Committee on or before 1100 hours of April 30, 2012. The bids (Technical Proposal envelop-I was opened in presence of committee members and bidder's representatives who choose to attend. Decision made and minutes recorded are enclosed.

**EVALUATION OF BIDS**

To complete the first round Chairman Purchase Committee decided in the bid opening meeting that all the technical proposals should be handed over to Technical/Inspection Committee to evaluate the bids in accordance to issued bid documents. Accordingly the same was carried out. Prior to qualification round PPRA, World Bank and other Govt. Deptt. (Pakistan) Websites were searched out and was found that PPRA has blacklisted the under listed firms, however there was no Blacklisted Pakistani firm on World Bank website who had participated in bidding.

**Blacklisted Firms by PPRA**

Ser No	Name of Procurement Agency	Firm Name	Address	From	To	Reasons
1	Pakistan State Oil (PSO)	M/S FAL Oil Co. Ltd	P.O Box No. 5600, Sharjah United Arab Emirates (UAE)	20-10-2011	-	Delay/Non Performance in Delivery of Fuel Oil Cargo
2	Institute of Space Technology, Islamabad	M/S Trends International	Suite No. 5, 2nd Floor, Waqar Centre Canning Road, Saddar Rawalpindi Cantt.	08-07-2010	-	Non Satisfactory Execution of Purchase Order.
3	Special Communication Organization (SCO)	M/S AY Engineering Solution & Services (Pvt) Ltd	House No. 7-A Park Road, Sector F8/1, Islamabad	29-04-2010	-	Providing Equipment/Services to the SCO indulging in Bluffing/Cheating thus resulting in fraudulent practices.
4	National Database and Registration Authority (NADRA)	M/S IVY Interface	22-G, Block 2, P.E.C.H, Karachi. Suit#1, 4th Floor Ginza Centre, 104 Jinnah Ave, Blue Area Islamabad. 17-M, Lawrance Road Lahore.	19-04-2009	-	Failed to supply equipment on due dates.
5	Pakistan Railways HQ. Lahore	M/S Trade Tek International	14 Mz Central Plaza Garden Town Lahore.	06-09-2007	-	Failed to Replace the Defective Material.
6	Karachi Electric Supply Corporation Limited	M/S Al-Fateh Security Services (Pvt) Ltd	5-G, State Life Building No.4, Shahrah-e-Liaquat, G.P.O Box No. 5637	06-01-2005	-	Fraud in temping the attendance record of Security Guards
7	Pakistan Railways	SKY Lines Builders	44/1 Adil Courts, Rawalpindi	13-12-2004	-	Submission of False and Bogus documents in regards to sale order

**Minutes of the Pre-bid meeting held at Committee Room, Khyber Medical University, Peshawar on April 19, 2012 at 1100 hours.**

Pre-bid meeting was held under the chairmanship of Prof Dr. Naeem Khattak IBMS, KMU, Peshawar to discuss different issues in bid document issued for the procurement of Equipment, Chemicals and Glassware, at Committee Room, Khyber Medical University, Peshawar on April 19, 2012 at 1100 hours.

The participants include;

**A. Khyber Medical University, Peshawar;**

- |     |                               |                            |
|-----|-------------------------------|----------------------------|
| 7.  | Prof Dr. Naeem Khattak        | IBMS, KMU                  |
| 8.  | Dr. Niaz Ali Associate Prof.  | IBMS, KMU                  |
| 9.  | Dr. Walayat Shah.Asstt. Prof. | IBMS, KMU                  |
| 10. | Mr Abdul Siddique             | Treasurer, KMU             |
| 11. | Engr. Irshad Ahmad Sabri      | Project Director KMU       |
| 12. | Mr. Zafar Qayyum              | Dy. Dir P&D                |
| 13. | Hafiz Muhammad Tariq          | Assistant Director (Civil) |

**B. Bidders;**

- |     |                          |                            |
|-----|--------------------------|----------------------------|
| 14. | Mr. Shamsher Ali Safi    | M/S Musaji Adam & sons     |
| 15. | Mr. Nisar Ahmad          | M/S Technology Links       |
| 16. | Engr. Jan Badsha         | M/S Meditorn Trad. Corp.   |
| 17. | Mr. Abid Hussain Bungish | M/S Diagnostic Tech. Svcs. |
| 18. | Mr. Aurangzaib Khalil    | M/S AMS, Peshawar          |
| 19. | Mr. Wawar Ali            | M/S Chemical House         |

**Subject:- Minutes of the meeting**

Pre-bid meeting of the Purchase Committee in presence of bidder's representatives was held at Committee Room of Khyber Medical University, Peshawar to discuss different aspects of the issued bidding documents. Minutes recorded, queries made by the bidders and replies given by the Employer were as;

- Regarding alternative rates for the same item, it was asked whether call deposit with each bid document shall be submitted, the reply was "yes".
- Relaxation in the criteria set for qualification was proposed by the bidders, but was not agreed by the employer, however some corrections were made on page-22 table 3 (financial position under the column detailing as;

Ser. #	Description	Detailing	Weightage/ Marks
i)	Available Bank Credit Line.	2 Marks/ Each million	10
ii)	Working Capital in last 03 years.	3 Marks / Each million	15
iii)	Registration with income tax Department.	Y=7	7
iv)	Litigation history where decision went against the firm.	N=5	5
v)	Blacklisting from any agency.	N=8	8
		Total	45

- Amount of stamp duty was asked by the bidders. Current Govt. applicable rates shall be deducted as fixed for different contract limits it was replied by the employer.
- Regarding fixing, placing etc. mentioned at P-35 item 4.5 it was replied as the general terms used in preamble and are clear as shall be used where applicable.
- The following proposals were also made by the bidders;
  - **HPLC;**
    - ✓ flow rate may be 01-10ml/min
    - ✓ bandwidth 5nm used to be provided by only few manufacturer and may be 8nm
    - ✓ wave length may be 190-900nm
  - **Spectrophotometer;**
    - i. Bandwidth is mostly not in use and for average D2 lamps are used
    - ii. Bandwidth may be fixed as 1nm instead of variable
    - iii. Light source may be D2 lamp+ tungsten instead of Xenon
  - **Water Ultra filtration unit;** Capacity of 200 liters is ambiguous and may be corrected as 15-20 liters/hours.
  - **Refrigerated centrifuge;** Rotor speed may be either 14000 or 18000 rpm as the there is heavy financial effect
  - **Ultra freezer;** Ups back up may be replaced by CO2 back up system
  - **Microfuge;** Rotor speed may be either 14000 or 18000 rpm as the there is heavy financial effect
  - **Water baths;** Capacity may be 30 or 40 liters, How the temperature shall be controlled or only heating shall be required
  - **Analytical balance;** Shown Rang 0.02gm may be corrected as 0.1mg
  - **Bench top high speed centrifuge;** Speed may be mentioned

It was proposed that pre-requisites required for testing, installation etc. of equipment should be arranged with in one month as

demand shall be submitted by the contractor.

Further the term optional mentioned at different place such as P-59 last line may be clarified as the rates shall be quoted accordingly.

Item-wise replies to the proposal made vide para-5 are as;

- **HPLC;** All the points were agreed.
- **Spectrophotometer;** Points were agreed.
- **Water Ultra filtration unit;** Agreed
- **Refrigerated centrifuge:** 14000 rpm Rotor speed was agreed.
- **Ultra freezer;** Not agreed.
- **Microfuge;** 14000 rpm was agreed.
- **Water baths;** Capacity shall be 40 liters, only heating shall be required.
- **Analytical balance;** Shown Rang 0.02gm may be corrected as 0.1mg
- **Bench top high speed centrifuge;** Speed shall be 16000 rpm.

The point of arrangement of pre-requisites required for testing, installation etc. of equipment was also agreed.

Optional items mentioned at different place such as P-59 last line was deleted.

<b>(Prof. Dr. Muhammad Javad)</b> Chairman Technical Committee Khyber Medical University, Peshawar	<b>(Prof. Dr. Naeem Khattak)</b> Chairman Purchase Committee Khyber Medical University, Peshawar
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**Minutes of the Bid Opening meeting held at Committee Room, Khyber Medical University, Peshawar on April 30, 2012 at 1130 hours.**

A meeting was held under the chairmanship of Prof Dr. Naeem Khattak IBMS, KМУ, Peshawar to open the bids for the procurement of Equipment, Chemicals and Glassware, at Committee Room, Khyber Medical University, Peshawar on April 30, 2012 at 1130 hours.

The participants include;

**C. Khyber Medical University, Peshawar;**

- |                                    |                            |
|------------------------------------|----------------------------|
| 20. Prof Dr. Naeem Khattak         | IBMS, KМУ                  |
| 21. Dr. Niaz Ali Associate Prof.   | IBMS, KМУ                  |
| 22. Dr. Walayat Shah. Asstt. Prof. | IBMS, KМУ                  |
| 23. Mr Abdul Siddique              | Treasurer, KМУ             |
| 24. Engr. Irshad Ahmad Sabri       | Project Director KМУ       |
| 25. Hafiz Muhammad Tariq           | Assistant Director (Civil) |

**D. Bidders;**

- |                              |                               |
|------------------------------|-------------------------------|
| 26. Muhammad Ilyas Khan      | M/S Scientific Supplies       |
| 27. Mr. Ubaid Khan           | M/S Marks Co.                 |
| 28. Mr. Shahbaz Ali          | M/S Pak Glorious Entrprises.  |
| 29. Mr. Mumraiz Gul          | M/S E.N. Services             |
| 30. Mr. Abid Hussain bangush | M/S Diagnostic Tech Services  |
| 31. Mr. Hasanat Khan         | M/S AMS (Pvt) Ltd             |
| 32. Muhammad Bilal           | M/S Scitech Services Provider |
| 33. Muhammad Ayaz Khan       | M/S Rays Tech Lhr.            |
| 34. Mr. Mir Humza Khan       | M/S Meditorn Trading Corp     |
| 35. Mr. Ashfaq Khan          | M/S Technology Links          |
| 36. Muhammad Tariq           | M/S Chemical House            |

Subject:- **Minutes of the meeting**

Meeting of the Purchase Committee in presence of bidder's representatives was held at Committee Room of Khyber Medical University, Peshawar to open technical bid envelope-1. The participants were informed that following 24 bidders purchased the documents; M/S Musaji Adam & Sons Peshawar, M/S Diagnostic Technology Services, M/S Rays Technologies, M/S Scientific Supplies (Pvt.) Ltd, M/S A.Y.A. Corporation Peshawar, M/S Me Dent Corporation, M/S Mark's Company, M/S Western Scientific Traders, M/s Technology Links. M/S Scitech Services Providers. M/S Meditorn Trading Corporation. M/S Scientific Technology Corporation. M/S Analytical Measuring System (Pvt) Ltd. M/S Pak Glorious Enterprises. M/S Chemical House. M/S ENS (Pvt) Ltd. M/S Technology International. M/S Alaptgeen Enterprises. M/S Rizvi & co. M/S Trade Vision International (Pvt.) Ltd. M/S Meoco Peshawar. M/s Pace International Rwp. M/S Burhani Enterprises Peshawar and M/S Muhammad Akram & Co.

Deadline for submission of documents was 1100 hours of April 30, 2012. Accordingly 16 could submit their bids. As per instructions to bidders only technical bids were opened, however; Technical bid of M/S ENS was not found. It was decided that the entire technical bids except Bid of M/S ENS shall be provided to technical committee to evaluate in accordance to criteria set in issued in bidding documents along with addendum No.1 and financial bids shall only qualified bidders shall be opened in presence of bidders.

The meeting ended with a vote of thanks to the chair.

**(Prof. Dr. Naeem Khattak)**  
Chairman Purchase Committee  
Khyber Medical University, Peshawar

**MINUTES OF THE 52<sup>nd</sup> MEETING OF KMU TECHNICAL/INSPECTION COMMITTEE HELD ON 08/05/2012**

The 52<sup>nd</sup> meeting of KMU Technical/Inspection Committee was held on 08/05/2012 at 09:00 AM in the Video Conferencing room of Institute of Basic Medical Sciences, Khyber Medical University, Peshawar. The following attended the meeting:

- |  |                 |
|--|-----------------|
| 1. Dr.Jawad Ahmed, Director IBMS                     | (Chairman)      |
| 2. Dr.Naeem Khattak, Professor IBMS                  | Co-opted Member |
| 3. Dr.Shafiq Ahmad Tariq, Associate Professor IBMS   | Co-opted Member |
| 4. Dr.Niaz Ali, Associate Professor IBMS             | Co-opted Member |
| 5. Dr.Walayath Shah, Assistant Professor IBMS        | Co-opted Member |
| 6. Dr.MusharrafJelani, Assistant Professor IBMS      | Co-opted Member |
| 7. Dr.Khalid Khan, Assistant Professor IBMS          | Co-opted Member |
| 8. Dr.Nuzhat Sultana, Assistant Professor IBMS       | Co-opted Member |
| 9. Dr.SamiSiraj, Assistant Professor IBMS            | Co-opted Member |
| 10. Dr.Momin Khan, Assistant Professor IBMS          | Co-opted Member |
| 11. Dr.Tayyab Ur Rehman, Assistant Professor IBMS    | Co-opted Member |
| 12. Dr.BrekhnaJamil                                  | Member          |
| 13. Dr.AdnanMasood Khan, Lecturer IBMS               | Co-opted Member |
| 14. Mr.MuhammadFarooq, Assistant Director Admin IBMS | (Secretary)     |

The KMU Technical/Inspection Committee members evaluated the Bids Presented by different firms for equipment that were quoted by each firm are given as per tender advertisement.

1. **HPLC System:** The KMU Technical/Inspection Committee members evaluated the bids of following vendors for HPLC System and their status is as under.

No	Vendors	Remarks
1.	M/S Scientific Technical Corp (Pvt) Ltd	Detector not in range of upper limit, meets the rest of specifications
2.	M/S Pak Glorious Enterprises	Flow rate not in the range, meets the rest of specifications
3.	M/S Technology Links(Pvt) Ltd	Meets all the required specifications
4.	M/S Analytical Measuring System (Pvt)	Information about detector, flow rate are not mentioned, does not meet the specifications
5.	M/S Rays Technologies	Flow rate specification not in the range, UV visible detector not in range

**2. Gel documentation System**

No	Vendors	Remarks
1.	M/S Scientific Technical Corp (Pvt) Ltd	Meets the required specifications
2.	M/S Scientific Supplies (PVT) Ltd	Meets the required specifications
3.	M/S Pak Glorious Enterprises	Meets the required specifications
4.	M/S Rays Technologies	Does not meet the required specifications
5.	M/S Chemical House	Camera Specifications not clearly mentioned, does not meet the required specifications.

**3. Spectrophotometers**

Bids Presented by M/S Analytical Measuring System (Pvt), M/S Rays Technologies, M/S Chemical House ,M/S Scientific Supplies (PVT) Ltd, M/S Pak Glorious Enterprises M/S Scientific Technical Corporation (Pvt) Ltd, and M/S Technology Links. M/S Scientific Technical Corporation (Pvt) Ltd, M/S Scientific Supplies (PVT) Ltd and M/S Technology Links meet the required specification.

**4. Autoclave**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Western Scientific Traders M/S Rays Technologies and M/S Pak Glorious Enterprises.

All the rest of the bidders meet the required specification while M/S Rays Technologies has quoted three models but only one Model SACV 802 meets all the required specifications.

**5. Water Ultra filtration unit**

Bids Presented by M/S Pak Glorious Enterprises and M/S Meditron Trading Corporation. Both of the bidders meet all the required specifications.

**6. Refrigerated Centrifuge**

Bids Presented for Refrigerated Centrifuge by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Analytical Measuring System (Pvt), M/S Rays Technologies, M/S Scientific Supplies (PVT) Ltd, M/S Pak Glorious Enterprises, and M/S Meditron Trading Corporation.

M/S Analytical Measuring System (Pvt), M/S Rays Technologies, M/S Scientific Supplies (PVT) Ltd and M/S Meditron Trading Corporation meet all the required specifications.

**7. Cryostat Ultra microtome**

Bids Presented for Cryostat Ultra microtome by M/S Scientific Technical Corporation (Pvt) Ltd and M/S Pak Glorious Enterprises. Both of the bidders meet all the required specifications



**8. Miscellaneous lab items**

Bids Presented by M/S Scientific Supplies (PVT) Ltd, M/S Meditron Trading Corporation, and M/S Musaji Adam & Sons for miscellaneous lab items. All firms meet the required specifications.

**9. Giga counter**

Bid Presented by M/S Pak Glorious Enterprises. The bid does not meet all the required specifications.

**10. Binocular microscopes**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Medent, M/S Western Scientific Traders, M/S Rays Technologies and M/S Pak Glorious Enterprises. M/S Medent and M/S Western Scientific Traders meet all the required specifications.

**11. Laminar Air Flow Hood**

bids of following vendors Presented for Laminar Air Flow Hood and their status is as under.

No	Vendors	Remarks
1.	M/S Rays Technologies	Meets specifications except the size and working dimensions are not as per requirement
2.	M/S Pak Glorious Enterprises	Meets the required specifications
3.	M/S Technology Links(Pvt) Ltd	Meets specifications except size / dimensions are not as per requirement

**12. Growth incubators**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Rays Technologies and M/S Pak Glorious Enterprises. M/S Pak Glorious Enterprises meet all the required specifications.

**13. Ultra freezer**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Rays Technologies and M/S Pak Glorious Enterprises. M/S Pak Glorious Enterprises meet all the required specifications.

**14. Freezer**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Rays Technologies and M/S Pak Glorious Enterprises. M/S Scientific Technical Corporation (Pvt) Ltd and M/S Pak Glorious Enterprises meet all the required specifications. None of the bidder had quoted UPS backup.

**15. PCR Machine**

bids of following vendors Presented for PCR Machine and their status is as under.

No	Vendors	Remarks
1.	M/S Scientific Technical Corporation (Pvt) Ltd	All bidders meet the required specifications.
2.	M/S Analytical Measuring System (Pvt) Ltd	
3.	M/S Rays Technologies	
4.	M/S Chemical House	
5.	M/S Pak Glorious Enterprises	

**16. Electrophoresis assembly**

the Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Rays Technologies, M/S Chemical House, M/S Scientific Supplies (PVT) Ltd and M/S Pak Glorious Enterprises. M/S Rays Technologies, M/S Chemical House, M/S Scientific Supplies (PVT) Ltd and M/S Pak Glorious Enterprises meet the required specifications.

**17. UPS**

bids of following vendors Presented for UPS and their status is as under.

No	Vendors	Remarks
1.	M/S Aya Corporation	Model No N3K meets the required specifications
2.	M/S Scientific Supplies (PVT) Ltd	Does not meet the required specifications

**18. Vacuum Filtration Assembly**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Rays Technologies, M/S Pak Glorious Enterprises and M/S Meditron Trading Corporation. All of the bidder meet the required specifications.

**19. Shaking Incubators**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Analytical Measuring System (Pvt) Ltd, M/S Rays Technologies, M/S Pak Glorious Enterprises and M/S Meditron Trading Corporation. No one meet the required specifications.

**20. Oven**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Rays Technologies and M/S Pak Glorious Enterprises. No one meet the required specifications.

**21. Analytical Balance**

bids of following vendors Presented for Analytical Balance and their status is as under.

No	Vendors	Remarks
1.	M/S Analytical Measuring System (Pvt) Ltd	Meets specifications, however the upper limit requirement is not met
2.	M/S Rays Technologies	Meets all the required specifications including readability of 0.1 mg to 320 gm
3.	M/S Pak Glorious Enterprises	Meets specifications of the upper limit (320 gm) however lower limit requirement (0.1 mg) is not met.

**22. pH meters**

Bids Presented for by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Analytical Measuring System (Pvt) Ltd, M/S Rays Technologies and M/S Pak Glorious Enterprises. M/S Analytical Measuring System (Pvt) Ltd, M/S Rays Technologies and M/S Pak Glorious Enterprises meet the required specifications.

**23. Water Baths**

Bids of following vendors Presented for water baths and their status is as under.

No	Vendors	Remarks
1.	M/S Scientific Technical Corporation (Pvt) Ltd	Model No. WCR-P30 meets the required specification except volume capacity is 30 liters
2.	M/S Rays Technologies	Model No. WNB45 meets the required specifications.
3.	M/S Pak Glorious Enterprises	Model SHWB-30 meets the required specifications except volume capacity is 30 liters.

**24. Microfuge**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Rays Technologies, M/S Scientific Supplies (PVT) Ltd, M/S Analytical Measuring System (Pvt) Ltd, and M/S Pak Glorious Enterprises. All of the bidders meet the required specifications.

**25. Bench Top High Speed centrifuge**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, M/S Analytical Measuring System (Pvt) Ltd, M/S Rays Technologies, M/S Scientific Supplies (PVT) Ltd M/S Pak Glorious Enterprises and M/S Meditron Trading Corporation. None of the bidders meet the required specifications.

**26. 2 Door Refrigerator**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd. None of the bidders meet the required specifications.

**27. Ice Making Machine**

Bids Presented by M/S Scientific Technical Corporation (Pvt) Ltd, and.

No	Vendors	Remarks
4.	M/S Scientific Technical Corporation (Pvt) Ltd	Meets specifications except capacity is 71 kg/day (Korea make)
5.	M/S Rays Technologies	Meets specifications except capacity is 50 kg/day (China make)
6.	M/S Pak Glorious Enterprises	Meets the required specifications except capacity is 180 kg/day (China make)

**28. Tanks for liquid Gases and Accessories**

No one applied for Tanks for liquid Gases and Accessories.

**29. a. General Chemicals**

Bids Presented by M/S Scientific Supplies (PVT) Ltd, M/S Meditron Trading Corporation, M/S Musaji Adam & Sons and M/S Scitech Services Provider for Chemicals. All of the above bidders meet the required specifications. The committee recommended that Sigma Grade Chemicals shall be preferred. Where sigma grade chemicals are not quoted, then chemicals with lower prices shall be purchased.

**b. Glassware**

Bids Presented by M/S Meditron Trading Corporation, M/S Musaji Adam & Sons and M/S Scitech Services Provider for Glassware. All the above bidders meet the required specifications; however the committee recommended that Pyrex grade glassware shall be preferred. Where Pyrex grade is not quoted, then the lowest one shall be preferred.

The meeting ended with vote of thanks.

**Minutes of the Purchase Committee meeting held at Committee Room, Khyber Medical University, Peshawar on June 25, 2012 at 0900 hours.**

A meeting was held under the chairmanship of Prof Dr. Naeem Khattak IBMS, KMU, Peshawar to evaluate the Financial Bids for the procurement of Equipment, Chemicals and Glassware, at Committee Room, Khyber Medical University, Peshawar on June 25, 2012 at 0900 hours.

The participants include;

**E. Khyber Medical University, Peshawar;**

- |     |                              |                         |
|-----|------------------------------|-------------------------|
| 8.  | Prof Dr. Naeem Khattak       | IBMS, KMU               |
| 9.  | Dr. Niaz Ali Associate Prof. | IBMS, KMU               |
| 10. | Mr Abdul Siddique            | Treasurer, KMU          |
| 11. | Engr. Irshad Ahmad Sabri     | Project Director KMU    |
| 12. | Hafiz Muhammad Tariq         | Asstt. Director (Civil) |

**SUBJECT: - MINUTES OF THE MEETING**

Meeting of the Purchase Committee was held at Committee Room of Khyber Medical University, Peshawar to evaluate the Financial Bids Envelope-II opened on May 10, 2012. The participants were informed that the bid has been Technically Evaluated by the Technical Committee (minutes placed at annexure-A) in accordance to the PPRA Rules and instruction to bidders and rates of only the Qualified and Technically Responsive Bidders/items shall be considered by the Purchase Committee. Since the technical committee has qualified 13 firms and M/S Marks Co. & M/S Diagnostic could not qualify, so they were not considered in technical evaluation process. Prior to evaluate bid prices by Purchase committee preliminary examination of the qualified bids was made in accordance to IB-23.5 (a& b) and the 13 bids were found responsive (Statement placed at annexure-B), however M/S ENS which was placed for post qualification could not qualify as documents were not complete. Thereafter comparative statement was taken into consideration, each rate in the comparative statement (placed at annexure-C). was confirmed from the original bid by the committee, subsequently item wise comparison was done, recommendations were made, which are recorded as;

**HPLC System:**

S. No	Firms	Recommendation by Technical Committee	Rates	Recommendation by Purchase Committee
1.	M/S Scientific Technical Corp. (Pvt) Ltd	Responsive	4,466,000	2 <sup>nd</sup> Lowest
2.	M/S Pak Glorious Enterprises	Non-Responsive		
3.	M/S Technology Links(Pvt) Ltd	Responsive	2,950,000	Found the lowest evaluated bid, hence recommended for approval.
4.	M/S AMS (Pvt) Ltd.	Non-Responsive		
5.	M/S Rays Technologies	Non-Responsive		

**Gel documentation System:**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Responsive	498,800	Found the lowest evaluated bid, hence recommended for approval.
2.	M/S Scientific Supplies (Pvt) Ltd.	Responsive	1,031,000	3 <sup>rd</sup> Lowest
3.	M/S Pak Glorious Enterprises	Responsive	523,000	2 <sup>nd</sup> Lowest
4.	M/S Rays Technologies	Non-Responsive		
5.	M/S Chemical House	Non-Responsive		

**Spectrophotometers**

1.	M/S AMS (Pvt.) Ltd.	Non-Responsive		
2.	M/S Rays Technologies	Non-Responsive		
3.	M/S Chemical House	Non-Responsive		
4.	M/S Scientific Technical Corp. (Pvt) Ltd.	Responsive	603,200	Found the lowest evaluated bid, hence recommended for approval.
5.	M/S Scientific Supplies (Pvt) Ltd.	Responsive	765,000	2 <sup>nd</sup> Lowest
6.	M/S Pak Glorious Enterprises	Non-Responsive		
7.	M/S Technology Links	Responsive	1,110,000	3 <sup>rd</sup> Lowest

**Autoclave**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Responsive	406,000	Found the lowest evaluated bid, hence recommended for approval.
2.	M/S Pak Glorious Enterprises	Responsive	549,000	3 <sup>rd</sup> Lowest
3.	M/S Western Scientific Traders	Responsive	1,499,000	
4.	M/S Rays Technologies	Responsive (SACV-802)	462,840	2 <sup>nd</sup> Lowest

**Water Ultra filtration unit**

1.	M/S Pak Glorious Enterprises	Responsive	443,000	2 <sup>nd</sup> Lowest
2.	M/S Meditron Trading Corp.	Responsive	295,000	Found the lowest evaluated bid, hence recommended for approval.

**Refrigerated Centrifuge**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Non-Responsive		
2.	M/S Pak Glorious Enterprises	Non-Responsive		
3.	M/S AMS (Pvt.) Ltd.	Responsive	716,590	3 <sup>rd</sup> Lowest
4.	M/S Rays Technologies	Responsive	551,000	2 <sup>nd</sup> Lowest
5.	M/S Meditron Trading Corp.	Responsive	425,000	Found the lowest evaluated bid, hence recommended for approval.
6.	M/S Scientific Supplies (Pvt) Ltd.	Responsive	730,000	

**Cryostat Ultra microtome**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Responsive	3,770,000	2 <sup>nd</sup> Lowest
2.	M/S Pak Glorious Enterprises	Responsive	3,443,000	Found the lowest evaluated bid, hence recommended for approval.

**Miscellaneous Lab Items**

1.	M/S Scientific Supplies (Pvt) Ltd.	Responsive	Item wise evaluation carried out and lowest of each item was recommended and placed at annexure-D	
2.	M/S Meditron Trading Corp.	Responsive		
3.	M/S Musaji Adam & Sons	Responsive		

**Giga counter**

1.	M/S Pak Glorious Enterprises	Non-Responsive	Committee advised for retendering of the items	
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**Binocular microscopes**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Non-Responsive		
2.	M/S Pak Glorious Enterprises	Non-Responsive		
3.	M/S MeDent.	Responsive	134,000	2 <sup>nd</sup> Lowest
4.	M/S Western Scientific Trader	Responsive	129,600	Found the lowest evaluated bid, hence recommended for approval.
5.	M/S Rays Technologies	Non-Responsive		

**Laminar Air Flow Hood**

1.	M/S Rays Technologies	Non-Responsive		
2.	M/S Pak Glorious Enterprises	Responsive	298,000	Found the lowest evaluated bid, hence recommended for approval.
3.	M/S Technology Links (Pvt) Ltd.	Responsive	550,000	2 <sup>nd</sup> Lowest

**Growth incubators**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Non-Responsive		Committee advised for retendering of the items
2.	M/S Rays Technologies	Non-Responsive		
3.	M/S Pak Glorious Enterprises	Responsive	623,000	

**Ultra freezer**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Non-Responsive		Committee advised for retendering of the items
2.	M/S Pak Glorious Enterprises	Responsive	1,143,000	
3.	M/S Rays Technologies	Non-Responsive		

**Freezer**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Responsive	591,600	2 <sup>nd</sup> Lowest
2.	M/S Pak Glorious Enterprises	Responsive	298,000	Found the lowest evaluated bid, hence recommended for approval.
3.	M/S Rays Technologies	Non-Responsive		

**PCR Machine**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Responsive	545,200	Found the lowest evaluated bid, hence recommended for approval.
2.	M/S Pak Glorious Enterprises	Responsive	743,000	
3.	M/S Rays Technologies	Responsive	551,000	2 <sup>nd</sup> Lowest
4.	M/S AMS (Pvt) Ltd.	Responsive	1,087,500	
5.	M/S Chemical House	Responsive	638,000	3 <sup>rd</sup> Lowest

**Electrophoresis assembly**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Non-Responsive		Committee advised for retendering of the items.
2.	M/S Rays Technologies	Non-Responsive		
3.	M/S Chemical House	Non-Responsive		
4.	M/S Scientific Supplies (Pvt) Ltd.	Non-Responsive		
5.	M/S Pak Glorious Enterprises	Non-Responsive		

**UPS**

1.	M/S AYA Corp.	Responsive		Committee advised for retendering of the items
2.	M/S Scientific Supplies (Pvt.) Ltd.	Non-Responsive		

**Vacuum Filtration Assembly**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Responsive	92,800	2 <sup>nd</sup> Lowest
2.	M/S Rays Technologies	Responsive	121,800	3 <sup>rd</sup> Lowest
3.	M/S Pak Glorious Enterprises	Responsive	123,000	
4.	M/S Meditorn Trading Corp.	Responsive	50,000	Found the lowest evaluated bid, hence recommended for approval.

**Shaking Incubators**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Non-Responsive		Committee advised for retendering of the items
2.	M/S AMS (Pvt.) Ltd	Non-Responsive		
3.	M/S Rays Technologies	Non-Responsive		
4.	M/S Pak Glorious Enterprises	Non-Responsive		
5.	M/S Meditorn Trading Corp.	Non-Responsive		

**Oven**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Non-Responsive		Committee advised for retendering of the items
2.	M/S Rays Technologies	Non-Responsive		
3.	M/S Pak Glorious Enterprises	Non-Responsive		

**Analytical Balance**

1.	M/S AMS (Pvt) Ltd.	Responsive	400,200	2 <sup>nd</sup> Lowest
2.	M/S Rays Technologies	Responsive	168,200	Found the lowest evaluated bid, hence recommended for approval.
3.	M/S Pak Glorious Enterprises	Non-Responsive		

**pH meters**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Non-Responsive		
2.	M/S Rays Technologies	Responsive	77,720	2 <sup>nd</sup> Lowest
3.	M/S Pak Glorious Enterprises	Responsive	64,000	Found the lowest evaluated bid, hence recommended for approval.
4.	M/S AMS (Pvt) Ltd.	Responsive	423,632	3 <sup>rd</sup> Lowest

**Water Baths**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Responsive (WCR-P30)	63,800	Found the lowest evaluated bid, hence recommended for approval.
2.	M/S Rays Technologies	Responsive (WNB-45)	145,000	2 <sup>nd</sup> Lowest
3.	M/S Pak Glorious Enterprises	Responsive (SHWB-30)	298,000	3 <sup>rd</sup> Lowest

**Microfuge**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Responsive Model # NF-800R & Herrior 18-80R	1,345,600	
2.	M/S Rays Technologies	Responsive Model Z-216 (Germany)	551,000	3 <sup>rd</sup> Lowest
3.	M/S Pak Glorious Enterprises	Non-Responsive		
4.	M/S AMS (Pvt) Ltd.	Responsive	398,576	Found the lowest evaluated bid, hence recommended for approval.
5.	M/S Scientific Supplies (Pvt) Ltd.	Non-Responsive		
6.	M/S Meditorn Trading Corp.	Responsive Model # VS-1500CFNII	425,000	2 <sup>nd</sup> Lowest

**Bench Top High Speed centrifuge**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Committee recommended to procure only microfuge		
2.	M/S Rays Technologies			
3.	M/S AMS (Pvt) Ltd.			
4.	M/S Scientific Supplies (Pvt) Ltd.			
5.	M/S Pak Glorious Enterprises			

**2 Door Refrigerator**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Non-Responsive		Committee advised for retendering of the items.
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**Ice Making Machine**

1.	M/S Scientific Technical Corp. (Pvt) Ltd.	Non-Responsive		Committee advised for retendering of the items.
2.	M/S Rays Technologies	Non-Responsive		
3.	M/S Pak Glorious Enterprises	Responsive		

**Tanks for liquid Gases and Accessories**

1.	Non of bidders quoted rates			Committee advised for retendering of the items.
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**a. General Chemicals**

1.	M/S Scientific Supplies (Pvt) Ltd.	All are Responsive, however sigma grade shall be preferred, otherwise lowest evaluated shall be purchased.	Comparative statement was compared with original bids, however remaining process was deferred to next meeting of the committee.
2.	M/S Musaji Adam & Sons.		
3.	M/S Meditorn Trading Corp.		
4.	M/S Scitech Services Provider		

**b. Glassware**

1.	M/S Musaji Adam & Sons.	All are responsive, however Pyrex grade shall be preferred, otherwise lowest evaluated shall be purchased.	Comparative statement was compared with original bids, however remaining process was deferred to next meeting of the committee.
2.	M/S Meditorn Trading Corp.		
3.	M/S Scitech Services Provider		

The meeting ended with a vote of thanks to the chair.

**(Engr. Irshad Ahmad Sabri)**

Secretary Purchase Committee  
Project Director KMU, Peshawar

**(Prof. Dr. Naeem Khattak)**

Chairman Purchase Committee  
Khyber Medical University, Peshawar

**(Dr. Naiz Ali)**

Associate Professor  
IBMS, KMU, Peshawar

**(Dr. walayat Shah)**

Associate Professor  
IBMS, KMU, Peshawar

**(Mr Zafar Qayyum)**

Dy, Dir P&D  
Khyber Medical University, Peshawar

**(Mr. Abdul Siddique)**

The Treasurer  
Khyber Medical University, Peshawar

Comparative Statement of Bids (Procurement of Misc. Lab Items /Consumables for Development of Khyber Medical University, Peshawar)														
Ser No.	Description	Qty	Unit	M/S Musaji Adam & Sons			M/S Scientific Supplies			M/S Meditorn Trading Corp.			Rates and Firms Recommended by Purchase Committee	
				Quoted	Evaluated	Amount	Quoted	Evaluated	Amount	Quoted	Evaluated	Amount	Lowest Evaluated Rate/Item	Recommended Firm
1	Disposable syringes 5cc, (BD)	100	No	550/100Pcs	5.50	Rs. 550			Rs. 0			Rs. 0	5.50	M/S Musaji
2	Disposable syringes 3cc (BD)	100	No	580/100Pcs	5.80	Rs. 580			Rs. 0			Rs. 0	5.80	M/S Musaji
3	Disposable syringes 1 cc (BD)	100	No	1100/100Pcs	11	Rs. 1,100			Rs. 0			Rs. 0	11	M/S Musaji
4	Disposable lancets	10	Box	275/200Pcs	1.38	Rs. 14			Rs. 0			Rs. 0	1.38	M/S Musaji
5	1.5 ml microcentrifuge tubes	100	Pack	1250/1000Pcs	1.25	Rs. 125	1255/500 Tubes	2.51	Rs. 251		2.75	Rs. 275	1.25	M/S Musaji
6	0.02 ml PCR tubes	100	Pack	5500/1000Pcs	5.50	Rs. 550	3550/1000 Tubes	3.55	Rs. 355		5	Rs. 500	3.55	M/S Sc. Supplies
7	0.02 ml pipettes tips (yellow)	100	Pack	380/1000Pcs	0.38	Rs. 38	750/1000 Tips	0.75	Rs. 75		290	Rs. 29,000	0.38	M/S Musaji
8	1 ml pipettes tips (blue)	100	Pack	650/1000Pcs	0.65	Rs. 65	990/1000 Tips	0.99	Rs. 99		395	Rs. 39,500	0.65	M/S Musaji
10	1.5 ml tubes racks	50	Rack	850/each	850	Rs. 42,500	9000/25 racks	360	Rs. 18,000		280	Rs. 14,000	280	M/S Meditorn
11	0.02 ml tubes racks	50	Rack			Rs. 0	13650/25 racks	546	Rs. 27,300		280	Rs. 14,000	280	M/S Meditorn
12	Aluminum foils	50	Pack	225/Roll	225	Rs. 11,250			Rs. 0			Rs. 0	225	M/S Musaji
13	Parafilm	50	Role	3750/Roll	3750	Rs. 187,500	4650/each	4650	Rs. 232,500			Rs. 0	3750	M/S Musaji
14	Slides (microscope)	50	Pack	58/50Pcs	1.16	Rs. 58			Rs. 0		495	Rs. 24,750	1.16	M/S Musaji
16	Filter papers (Various sizes)	200	pcs	550/100Pcs (110 mm)	5.50	Rs. 1,100			Rs. 0	385/100pcs	3.85	Rs. 770	3.85	M/S Meditorn
				750/100Pcs (125 mm)	7.50	Rs. 1,500			Rs. 0			Rs. 0	7.50	M/S Musaji
				975/100Pcs (150 mm)	9.75	Rs. 1,950			Rs. 0			Rs. 0	9.75	M/S Musaji
17	Weight Box	2	No	1250/each	1250	Rs. 2,500			Rs. 0			Rs. 0	1250	M/S Musaji
18	Stirrer with magnet	3	No	7500/each	7500	Rs. 22,500			Rs. 0		22000	Rs. 66,000	7500	M/S Musaji
19	TLC cards	5	Pack	7800/25plats	312	Rs. 1,560			Rs. 0			Rs. 0	312	M/S Musaji
21	Pipette aid	10	No	42000/each	42000	Rs. 420,000	78806/each	78806	Rs. 788,060		185	Rs. 1,850	185	M/S Meditorn
23	Stand Rotating	20	No	850/each	850	Rs. 17,000			Rs. 0			Rs. 0	850	M/S Musaji
25	Stands for test tubes of various dimensions	20	No	185/each	185	Rs. 3,700			Rs. 0		280	Rs. 5,600	185	M/S Musaji
26	Tripod stands	10	No	125/each	125	Rs. 1,250			Rs. 0		900	Rs. 9,000	125	M/S Musaji
27	Wire gauzes	20	No	38/each	38	Rs. 760			Rs. 0			Rs. 0	38	M/S Musaji
28	Spatulas	20	No	110/each	110	Rs. 2,200			Rs. 0			Rs. 0	110	M/S Musaji
29	Goggles	10	No	325/each	325	Rs. 3,250			Rs. 0		880	Rs. 8,800	325	M/S Musaji
30	Oxygen cylinders of medium size with regulators	2	No	8400/Skg	8400	Rs. 16,800			Rs. 0		8500	Rs. 17,000	8400	M/S Musaji
a.	Small	50	No	45/each	45	Rs. 2,250			Rs. 0		250	Rs. 12,500	45	M/S Musaji
b.	Medium	20	No	65/each	65	Rs. 1,300			Rs. 0		160	Rs. 3,200	65	M/S Musaji
c.	Large	10	No	120/each	120	Rs. 1,200			Rs. 0		395	Rs. 3,950	120	M/S Musaji
32	Thermometer Mercury (100)c	30	No	280/each	280	Rs. 8,400			Rs. 0		510	Rs. 15,300	280	M/S Musaji
33	Stand for separating funnel(5liter)	5	No	4500/each	4500	Rs. 22,500			Rs. 0			Rs. 0	4500	M/S Musaji
34	Filter paper Size 90 mm	10	packs	430/100Pcs	430	Rs. 4,300			Rs. 0			Rs. 0	430	M/S Musaji
37	Slide Storage Box Large (100 slides)	20	No.			Rs. 0			Rs. 0		1950	Rs. 39,000	1950	M/S Meditorn
38	Slide File Storage System Large (400 Slide)	5	No.			Rs. 0			Rs. 0		1200	Rs. 6,000	1200	M/S Meditorn
39	Slide File Storage System Small (200 Slide)	10	No.			Rs. 0			Rs. 0		2400	Rs. 24,000	2400	M/S Meditorn
40	Histology/Tissue Processing Cassettes – White (500pcs/Pack)	2	Pack	4250/500Pcs	4250	Rs. 8,500			Rs. 0		26500	Rs. 53,000	4250	M/S Musaji
41	Histology/Tissue Processing Cassettes – Pink (500pcs/Pack)	2	Pack	4500/500Pcs	4500	Rs. 9,000			Rs. 0		26500	Rs. 53,000	4500	M/S Musaji
42	Embedding Spare O-Rings – White (500pcs/Pack)	2	Pack	4500/500Pcs	4500	Rs. 9,000			Rs. 0			Rs. 0	4500	M/S Musaji

43	Embedding Spare O-Rings – Pink (500pcs/Pack)	2	Pack	4200/500Pcs	4200	Rs. 8,400				Rs. 0			Rs. 0	4200	M/S Musaji
44	Cassette Storage Drawers	6	No.	45000/each	45000	Rs. 270,000				Rs. 0		5600	Rs. 33,600	5600	M/S Meditorn
45	Easy Dip Slide Staining Jars	12	No.			Rs. 0				Rs. 0		1975	Rs. 23,700	1975	M/S Meditorn
46	Easy Dip Slide Staining Rack	12	No.			Rs. 0				Rs. 0		3250	Rs. 39,000	3250	M/S Meditorn
47	Plastic Coplin Staining Jars	12	No.	175/each	175	Rs. 2,100				Rs. 0		1250	Rs. 15,000	175	M/S Musaji
48	Cover slips (100/box)	50	Box	1200/1000Pcs	120	Rs. 6,000				Rs. 0		205	Rs. 10,250	120	M/S Musaji
	small											165	Rs. 3,300	165	M/S Meditorn
	Medium											165	Rs. 3,300	165	M/S Meditorn
	Larges											165	Rs. 3,300	165	M/S Meditorn
51	Autoclave tap (sterilization indicator)	10	No.	1450/each	1450	Rs. 14,500				Rs. 0			Rs. 0	1450	M/S Musaji
52	Inoculation loops	10	No.	330/30Pcs	11	Rs. 110				Rs. 0			Rs. 0	11	M/S Musaji
54	Spirit lamp	20	No.	225/each	225	Rs. 4,500				Rs. 0			Rs. 0	225	M/S Musaji
55	Spray bottles (plastic)	20	No.	225/each	225	Rs. 4,500				Rs. 0		95	Rs. 1,900	95	M/S Meditorn
58	Aluminum foil	50	No.	225/Roll	225	Rs. 11,250				Rs. 0			Rs. 0	225	M/S Musaji
59	Face mask	500	No.	380/50Pcs	7.60	Rs. 3,800				Rs. 0			Rs. 0	7.60	M/S Musaji

**Comparative Statement of Bids (Procurement of General Chemicals for Development of Khyber Medical University, Peshawar)**

Ser No.	Description	Qty	Unit	M/S Musaji Adam & Sons				M/S Scientific Supplies (Pvt.) Ltd.			M/S Meditorn Trading Corp.			M/S Scitech services Provider				Recommendation of Purchase Committee		
				Specs.	Quoted	Evaluated	Amount	Quoted	Evaluated	Amount	Quoted	Evaluated	Amount	Specs.	Quoted	Evaluated	Amount	Lowest Evaluated Rate/item	Recommended Firm	
1	Alcian Blue	50	g				Rs. 0			Rs. 0			Rs. 0	Sigma-Aldrich	46947/25gm	1,877.88	Rs. 93,894		<i>to be retendered</i>	
2	Ammonium sulphate	1	kg	Scharlau Spain	1600/Kg	1600	Rs. 1,600			Rs. 0	1080/kg	1,080	Rs. 1,080	Fluka	8281/kg	8,281	Rs. 8,281	1080/kg	1,080	Meditorn
3	Ammonium Chloride	25	lit	Scharlau Spain	2600/Kg	2600	Rs. 65,000			Rs. 0	1080/kg	1,080	Rs. 27,000	-do-	9622/kg	9,622	Rs. 240,550	1080/kg	1,080	Meditorn
4	Ammonium hydroxide	25	lit	Scharlau Spain	3200/2.5L	1280	Rs. 32,000			Rs. 0	1080/2.5L	432	Rs. 10,800					1080/2.5L	432	Meditorn
5	Ampicillin	50	g	actigene	3800/50gm	76	Rs. 3,800			Rs. 0			Rs. 0	Sigma	14813/5gm	2,962.60	Rs. 148,130	3800/50gm	76	Musaji adam
6	Ascorbic acid	2	kg	Scharlau Spain	3900/250gm	15600	Rs. 31,200			Rs. 0	3375/kg	3,375	Rs. 6,750	Sigma-Aldrich	16767/250gm	67,068	Rs. 134,136	3375/kg	3,375	Meditorn
7	Boric Acid	5	kg	Scharlau Spain	2100/Kg	2100	Rs. 10,500			Rs. 0	810/kg	810	Rs. 4,050	Rdh	7290/2.5kg	2,916	Rs. 14,580	810/kg	810	Meditorn
8	Bovine serum albumin	250	ml	hyclon	19500/10gm	1950	Rs. 487,500			Rs. 0			Rs. 0	Aldrich	13734/10ml	1,373.40	Rs. 343,350	41407/50ml	828	Scitech Svcs
														Sigma-Aldrich	41407/50ml	828	Rs. 207,000			
9	Canada Balsam	500	ml	Scharlau Spain	12700/250gm	50.80	Rs. 25,400			Rs. 0	2025/500gm	4.05	Rs. 2,025	Sigma-Aldrich	15746/25ml	629.84	Rs. 314,920	2025/500gm	4.05	Meditorn
10	Cedar wood oil	500	ml	BDH	3450/500ml	6.90	Rs. 3,450			Rs. 0	1620/500gm	3.24	Rs. 1,620	Sigma	21636/250ml	86.54	Rs. 43,272	1620/500gm	3.24	Meditorn
11	Congo Red	100	g	Alfa Aesar	6400/100gm	64	Rs. 6,400			Rs. 0	675/25gm	27	Rs. 2,700	Sigma	20062/100gm	200.62	Rs. 20,062	675/25gm	27	Meditorn
12	Cresyle violet	100	g	Scharlau Spain	2450/25gm	98	Rs. 9,800			Rs. 0	540/25gm	21.60	Rs. 2,160	Sigma	50738/10gm	5,073.80	Rs. 507,380	540/25gm	21.60	Meditorn
13	Cyclohexane	25	lit	Scharlau Spain	2900/2.5L	1160	Rs. 29,000			Rs. 0			Rs. 0	Sigma-Aldrich	27264/2.5L	10,905.60	Rs. 272,640	2900/2.5L	1,160	Musaji adam
15	Deoxynucleotide Triphosphate (DNTP's)	50	ml				Rs. 0	56056/ (pack 12x1 ml)	4671.33	233567			Rs. 0	Sigma	28868/10mg	2,886,800	144,340,000	56056/ (pack 12x1 ml)	4,671.33	Scientific supplies



16	Dulbecco Minimum Essential Medium (DMEM)	20	polyester form 20 L	hyclon	3500/500ml	7000	Rs. 140,000	4004/ (Pack 10x1L)	400.40	Rs. 8,008		Rs. 0	Sigma	10206/10L	1,020.60	Rs. 20,412	4004/ (Pack 10x1L)	400.40	Scientific supplies	
17	Eosin	100	g	Scharlau Spain	4300/100gm	43	Rs. 4,300			Rs. 0	675/25gm	27	Rs. 2,700	Sigma-Aldrich	15163/25gm	606.52	Rs. 60,652	675/25gm	27	Meditorn
18	Ethyl ether	50	lit		12500/2.5L	5000	Rs. 250,000			Rs. 0	4050/2.5L	1,620.	Rs. 81,000			Rs. 0	4050/2.5L	1,620	Meditorn	
19	Ferric chloride	2	kg	Scharlau Spain	1900/Kg	1900	Rs. 3,800			Rs. 0	1215/500gm	2,430.	Rs. 4,860	reagent grade Sigma-Aldrich	13792/Kg	13,792	Rs. 27,584	1900/Kg	1,900	Musaji adam
20	Fetal Calf Serum	500	ml	hyclon	9000/100ml	90	Rs. 45,000	30940/50 Oml	61.88	Rs. 30,940			Rs. 0	sigma USA origin	20412/500ml	40.82	Rs. 20,412	20412/500 ml	40.82	Scitech Svcs
21	Formaldehyde solution	20	lit	Scharlau Spain	2000/2.5L	800	Rs. 16,000			Rs. 0	1000/2.5L	400.	Rs. 8,000			Rs. 0	1000/2.5L	400	Meditorn	
22	Glacial acetic acid	20	lit	Scharlau Spain	2100/2.5L	840	Rs. 16,800			Rs. 0	1000/2.5L	400.	Rs. 8,000	Rdh	1944/2.5L	777.60	Rs. 15,552	1000/2.5L	400	Meditorn
23	Fructose	5	kg	Scharlau Spain	3300/Kg	3300	Rs. 16,500			Rs. 0	1728/500gm	3,456.	Rs. 17,280	Sigma-Aldrich	8573/500gm	17,146	Rs. 85,730	3300/Kg	3,300	Musaji adam
24	Glycerol	10	lit	Scharlau Spain	3200/2.5L	1280	Rs. 12,800	5005/500 ml	10010.0	100100.0	1440/2.5L	576.	Rs. 5,760	Sigma-Aldrich	23328/L	23,328	Rs. 233,280	1440/2.5L	576	Meditorn
26	Loading Dye 6X (Xylene Cynol)	25	ml	RBC	7000/3000unit	2.33	Rs. 58	3549/3x1 ml	1183	Rs. 29,575			Rs. 0	Sigma-Aldrich	24902/10gm	2,490.20	Rs. 62,255	7000/3000unit	2.33	Musaji adam
27	Mayer's Hematoxylin	250	g				Rs. 0			Rs. 0	9450/25gm	378.	Rs. 94,500	Sigma	9039/500ml	18.08	Rs. 4,520	9039/500ml	18.08	Scitech Svcs
29	Methyl Blue	100	g	Scharlau Spain	2800/100gm	28	Rs. 2,800			Rs. 0	1150/100gm	11.50	Rs. 1,150	Fluka	16417/25gm	656.68	Rs. 65,668	1150/100gm	11.50	Meditorn
30	Nuclear Fast Red Solution	100	g				Rs. 0			Rs. 0			Rs. 0	Sigma	12655/100ml	126.55	Rs. 12,655	12655/100 ml	126.55	Scitech Svcs
31	Paraformaldehyde	500	g	Scharlau Spain	2500/Kg	2.50	1,250			Rs. 0	1890/kg	1.89	Rs. 945			Rs. 0	1890/kg	1.89	Meditorn	
32	Periodic Acid Schiff (PAS)	100	g				Rs. 0			Rs. 0			Rs. 0	Sigma-Aldrich	36450/L	36.45	Rs. 3,645	36450/L	36.45	Scitech Svcs
33	Phosphate buffer saline	10	lit	Scharlau Spain	1900/Kg	1900	Rs. 19,000	2000/ (pack 1x10L)	200	Rs. 2,000			Rs. 0	Sigma	40240/L	40,240	Rs. 402,400	2000/ (pack 1x10L)	200	Scientific supplies
34	Phosphotungstic acid	100	g	Scharlau Spain	11000/100gm	110	Rs. 11,000			Rs. 0	3375/100gm	33.75	Rs. 3,375	Fluka	18254/100gm	182.54	Rs. 18,254	3375/100gm	33.75	Meditorn
35	Potassium alum	2	kg	Scharlau Spain	1700/Kg	1700	Rs. 3,400			Rs. 0	1080/kg	1,080.0	Rs. 2,160			Rs. 0		1,080	Meditorn	
37	Sodium Hydrogen Phosphate (Na2HPO4)	2	kg	Scharlau Spain	3200/Kg	3200	Rs. 6,400			Rs. 0			Rs. 0	Sigma-Aldrich	21870/500gm	43,740	Rs. 87,480	3200/Kg	3,200	Musaji adam
38	Sodium iodate	500	g	Scharlau Spain	6900/100gm	69	Rs. 34,500			Rs. 0	4050/500gm	8.10	Rs. 4,050	Sigma-Aldrich	24494/500gm	48.99	Rs. 24,494	4050/500gm	8.10	Meditorn
39	Sodium nitrate	500	g	Scharlau Spain	2400/Kg	2.40	1,200			Rs. 0	720/500gm	1.44	Rs. 720	Sigma-Aldrich	9097/500gm	18.19	Rs. 9,097	720/500gm	1.44	Meditorn
40	Sucrose	5	kg	Scharlau Spain	1800/Kg	1800	Rs. 9,000	13377/5kg	2675.40	Rs. 13,377	1080/kg	1,080.	Rs. 5,400	Sigma-Aldrich	21286/2.5kg	8,514.40	Rs. 42,572	1080/kg	1,080	Meditorn
41	Taq Polymerase	50000	Unit	RBC	8500/500Unit	17	Rs. 850,000	3000/500 Unit	6	300,000			Rs. 0	Sigma	41261/250un	165.04	8,252,200	3000/500Unit	6	Scientific supplies
43	TEMED	250	ml	Scharlau Spain	6200/100ml	62	Rs. 15,500	3913/30 ml	130.43	Rs. 32,608			Rs. 0	Sigma-Aldrich	8368/100ml	83.68	Rs. 20,920	6200/100ml	62	Musaji adam
45	Thiazolyl Blue Tetrazolium Bromide (MTT)	100	g	Alfa Aesar	5004/gm	5004	Rs. 500,400			Rs. 0			Rs. 0	Sigma	20412/1gm	20,412	2,041,200	5004/gm	5,004	Musaji adam
46	Thio-barbituric acid	250	g	Alfa Aesar	8100/25gm	324	Rs. 81,000			Rs. 0			Rs. 0	Sigma-Aldrich	13384/25gm	535.36	Rs. 133,840	8100/25gm	324	Musaji adam
48	Trizol Reagent	200	ml				Rs. 0	30000/200ml	150	Rs. 30,000			Rs. 0	Sigma	29743/25ml	1,189.72	Rs. 237,944	30000/200ml	150	Scientific supplies

49	Trypan blue	50	g	Alfa Aesar	6000/25gm	240	Rs. 12,000	1365/100 ml	13.65	Rs. 683	1080/5gm	216	Rs. 10,800	Sigma	11109/25gm	444.36	Rs. 22,218	1365/100ml	13.65	Scientific supplies
50	Trypsin-EDTA Solution	500	ml	hyclon	7500/100ml	75	Rs. 37,500	3003/500 ml	6.01	Rs. 3,003			Rs. 0	Sigma	10730/100ml	107.30	Rs. 53,650	3003/500ml	6.01	Scientific supplies
51	Wax	10	kg	Scharlau Spain	2200/Kg	2200	Rs. 22,000			Rs. 0	540/kg	540	Rs. 5,400				Rs. 0	540/kg	540	Meditorn
52	Xylene	50	lit	Scharlau Spain	2800/2.5L	1120	Rs. 56,000			Rs. 0	1620/2.5L	648	Rs. 32,400				Rs. 0	1620/2.5L	648	Meditorn
53	Zinc Sulphate	2	kg	Scharlau Spain	2900/Kg	2900	Rs. 5,800			Rs. 0	1080/kg	1,080	Rs. 2,160	Sigma-Aldrich	9972/Kg	9,972	Rs. 19,944	1080/kg	1,080	Meditorn
54	Nutrient agar	2	kg	Oxiod	6264/500gm	12528	Rs. 25,056			Rs. 0			Rs. 0	Fluka	11168/100gm	111,680	Rs. 223,360	6264/500gm	12,528	Musaji adam
55	Nutrient Broth	2	kg	Oxiod	7656/500gm	15312	Rs. 30,624			Rs. 0			Rs. 0	-do-	29597/500gm	59,194	Rs. 118,388	7656/500gm	15,312	Musaji adam
56	Blood agar base	2	kg	Oxiod	6264/500gm	12528	Rs. 25,056			Rs. 0			Rs. 0	-do-	10031/100gm	100,310	Rs. 200,620	6264/500gm	12,528	Musaji adam
57	MacConkey Agar	2	kg	Oxiod	6612/500gm	13224	Rs. 26,448			Rs. 0			Rs. 0	-do-	22336/500gm	44,472	Rs. 88,944	6612/500gm	13,224	Musaji adam
58	Manitol salt agar	2	kg	Oxiod	5220/500gm	10440	Rs. 20,880			Rs. 0			Rs. 0	-do-	17933/500gm	35,866	Rs. 71,732	5220/500gm	10,440	Musaji adam
59	Muller Hinton Agar	2	kg	Oxiod	6960/500gm	13920	Rs. 27,840			Rs. 0			Rs. 0	-do-	7639/100gm	76,390	Rs. 152,780	6960/500gm	13,920	Musaji adam
60	CLED Medium	2	kg	Oxiod	6960/500gm	13920	Rs. 27,840			Rs. 0			Rs. 0	-do-	33242/500gm	66,484	Rs. 132,968	6960/500gm	13,920	Musaji adam
61	Gram stain kit (containing 1 each of crystal violet, decolorizer, iodine, safranin and a tray)	5	No	Satoreus	3248/4x500ml	3248	Rs. 16,240			Rs. 0			Rs. 0	-do-	17029/kit	17,029	Rs. 85,145	3248/4x500 ml	3,248	Musaji adam
62	Acid fuchsin	100	g	Scharlau Spain	6800/50gm	136	Rs. 13,600			Rs. 0	675/25gm	27	Rs. 2,700	Sigma	35429/50gm	708.58	Rs. 70,858	675/25gm	27	Meditorn
63	Potassium hydroxide	2	kg	Scharlau Spain	2500/Kg	2500	Rs. 5,000			Rs. 0	1350/kg	1,350	Rs. 2,700	Sigma-Aldrich	9856/Kg	9,856	Rs. 19,712	1350/kg	1,350	Meditorn
64	Methylene blue	100	g	Scharlau Spain	9000/500gm	18	Rs. 1,800			Rs. 0	080/100gm	10.80	Rs. 1,080	-do-	16038/25gm	641.52	Rs. 64,152	1080/100gm	10.80	Meditorn
65	Ferric chloride	2	kg	Scharlau Spain	1900/Kg	1900	Rs. 3,800			Rs. 0	1215/500gm	2,430	Rs. 4,860	reagent grade Sigma-Aldrich	13792/Kg	13,792	Rs. 27,584	1900/Kg	1,900	Musaji adam
66	Kovacs reagent	250	ml	Scharlau Spain	2000/100ml	20	Rs. 5,000			Rs. 0			Rs. 0	Fluka	11722/100ml	117.22	Rs. 29,305	2000/100ml	20	Musaji adam
67	Sulfuric acid(conc)	5	lit	Scharlau Spain	2800/2.5L	1120	Rs. 5,600			Rs. 0	1015/2.5L	406	Rs. 2,030				Rs. 0	1015/2.5L	406	Meditorn
68	Malachite green	100	g	Scharlau Spain	3800/100gm	38	Rs. 3,800			Rs. 0	405/25gm	16.20	Rs. 1,620	Fluka	7290/100ml	72.90	Rs. 7,290	405/25gm	16.20	Meditorn
69	Giemsa stain	250	g	Alfa Aesar	3076/10gm	307.60	Rs. 76,900	5600/100 ml	56	Rs. 14,000	675/25gm	27	Rs. 6,750	Sigma	34992/50gm	699.84	Rs. 174,960	675/25gm	27	Meditorn
70	Neutral red	100	g	Scharlau Spain	4800/25gm	192	Rs. 19,200			Rs. 0	675/25gm	27	Rs. 2,700	Fluka	16796/25gm	671.84	Rs. 67,184	675/25gm	27	Meditorn
71	Urea pure	2	kg	Scharlau Spain	2700/kg	2700	Rs. 5,400	12000/2kg	6000	Rs. 12,000	2700/Kg	2,700	Rs. 5,400	Sigma-Aldrich	6444/Kg	6,444	Rs. 12,888	2700/kg	2,700	Musaji adam
72	Lactose	2	kg	Scharlau Spain	2500/Kg	2500	Rs. 5,000			Rs. 0	1080/500gm	2,160	Rs. 4,320	Fluka	28693/Kg	28,693	Rs. 57,386	080/500gm	2,160	Meditorn
73	Maltose	2	kg	Alfa Aesar	3076/100gm	30760	Rs. 61,520			Rs. 0	1080/250gm	4,320	Rs. 8,640	Sigma	25573/500gm	51,146	Rs. 102,292	1080/250gm	4,320	Meditorn

Comparative Statement of Bids (Procurement of Glassware for Development of Khyber Medical University, Peshawar)														
Ser No.	Description	Capacity	Quantity	M/S Musaji Adam & Sons			M/S Meditorn Trading Corp.			M/S Scitech Services Provider			Recommendation of Purchase Committee	
				Spec.	Evaluated	Amount	Spec.	Evaluated	Amount	Spec.	Evaluated	Amount	Lowest Evaluated	Recommended Firm
1	Beaker	50ml	50	Borosil	140	Rs. 7,000	Borosilicate 3.3 simax	300	Rs. 15,000	China	162	Rs. 8,100	140	Musaji Adam
2	Beaker	100ml	75	Borosil	150	Rs. 11,250	-do-	405	Rs. 30,375	China	162	Rs. 12,150	150	Musaji Adam
3	Beaker	250ml	50	Borosil	170	Rs. 8,500	-do-	438	Rs. 21,900	China	216	Rs. 10,800	170	Musaji Adam
4	Beaker	500ml	50	Borosil	250	Rs. 12,500	-do-	462	Rs. 23,100	China	291.60	Rs. 14,580	250	Musaji Adam
5	Beaker	1000ml	50	Borosil	380	Rs. 19,000	-do-	610	Rs. 30,500	China	464.40	Rs. 23,220	380	Musaji Adam
6	Conical Flask	50 ml	100	Borosil	290	Rs. 29,000			Rs. 0	China	194	Rs. 19,400	194	Scitech Svcs.
7	Conical Flask	100ml	200	Borosil	180	Rs. 36,000	Borosilicate Glass 3.3	350	Rs. 70,000	China	194.40	Rs. 38,880	180	Musaji Adam
8	Conical Flask	250ml	200	Borosil	240	Rs. 48,000	-do-	380	Rs. 76,000	China	237.60	Rs. 47,520	237.60	Scitech Svcs.
9	Conical Flask	500ml	50	Borosil	240	Rs. 12,000	-do-	470	Rs. 23,500	China	324	Rs. 16,200	240	Musaji Adam
10	Conical Flask	1000ml	50	Borosil	350	Rs. 17,500	-do-	595	Rs. 29,750	China	648	Rs. 32,400	350	Musaji Adam
11	Petri Dish Medium	Medium	500	Anembra	95	Rs. 47,500			Rs. 0		0	Rs. 0	95	Musaji Adam
13	Petri Dish small	small	500	Anembra	88	Rs. 44,000			Rs. 0		0	Rs. 0	88	Musaji Adam
14	Volumetric Flask	10 ml	75	Borosil	350	Rs. 26,250	Blue Graduated Borosilicate 3.3	555	Rs. 41,625		187.20	Rs. 14,040	187.20	Scitech Svcs.
15	Volumetric Flask	25ml	50	Borosil	325	Rs. 16,250	-do-	555	Rs. 27,750	China	280.80	Rs. 14,040	280.80	Scitech Svcs.
16	Volumetric Flask	50ml	50	Borosil	340	Rs. 17,000	-do-	590	Rs. 29,500	China	280.80	Rs. 14,040	280.80	Scitech Svcs.
17	Volumetric Flask	100ml	100	Borosil	565	Rs. 56,500	-do-	665	Rs. 66,500	China	324	Rs. 32,400	324	Scitech Svcs.
18	Volumetric Flask	250ml	50	Borosil	495	Rs. 24,750	Borosilicate Glass 3.3	890	Rs. 44,500	China	378	Rs. 18,900	378	Scitech Svcs.
19	Volumetric Flask	500ml	50	Borosil	680	Rs. 34,000	-do-	1,095	Rs. 54,750	China	648	Rs. 32,400	648	Scitech Svcs.
20	Volumetric Flask	1000ml	50	Borosil	850	Rs. 42,500	-do-	1,445	Rs. 72,250	China	777.60	Rs. 38,880	777.60	Scitech Svcs.
21	Funnel	small	50	China	105	Rs. 5,250	Borosilicate Glass	160	Rs. 8,000		0	Rs. 0	105	Musaji Adam
22	Funnel	Medium	50	China	240	Rs. 12,000	-do-	180	Rs. 9,000		0	Rs. 0	180	Meditorn Trading
23	Funnel	Large	50	China	650	Rs. 32,500	-do-	250	Rs. 12,500		0	Rs. 0	250	Meditorn Trading
24	Test tube	small	1000	China	3.25	Rs. 3,250			Rs. 0		0	Rs. 0	3.25	Musaji Adam
25	Test tube	Medium	1000	China	3.65	Rs. 3,650			Rs. 0		0	Rs. 0	3.65	Musaji Adam
26	Test Tube	Large	1000	China	8.50	Rs. 8,500			Rs. 0		0	Rs. 0	8.50	Musaji Adam
27	Test Tube Holder	Normal	50	Pak Made	75	Rs. 3,750	Normal Wood, Imported	55	Rs. 2,750	Local	30	Rs. 1,500	30	Scitech Svcs.
28	Desiccators	Medium	3	China	6500	Rs. 19,500	Borosilicate Glass 3.3	6,765	Rs. 20,295		0	Rs. 0	6,500	Musaji Adam
29	Round Bottom Flask	500ml	50	Borosil	550	Rs. 27,500			Rs. 0		0	Rs. 0	550	Musaji Adam
30	Capillary tubes	Standard pack	10	Germany	2.75	Rs. 28			Rs. 0		0	Rs. 0	2.75	Musaji Adam
32	Separating Funnel	5 liter	5	Borosil	35000	Rs. 175,000	Borosilicate Glass 3.3	8,000	Rs. 40,000		0	Rs. 0	8,000	Meditorn Trading
33	Separating Funnel	500ml	10	Borosil	2350	Rs. 23,500	-do-	5,775	Rs. 57,750		0	Rs. 0	2,350	Musaji Adam
34	Separating Funnel	1000ml	10	Borosil	2800	Rs. 28,000	-do-	6,600	Rs. 66,000		0	Rs. 0	2,800	Musaji Adam
35	Graduated Cylinder	10 ml	50	Borosil	325	Rs. 16,250	-do-	835	Rs. 41,750			Rs. 0	325	Musaji Adam
36	Graduated Cylinder	50ml	75	Borosil	345	Rs. 25,875	-do-	845	Rs. 63,375	China	270	Rs. 20,250	270	Scitech Svcs.
37	Graduated Cylinder	100 ml	50	Borosil	360	Rs. 18,000	-do-	845	Rs. 42,250	China	270	Rs. 13,500	270	Scitech Svcs.
38	Graduated Cylinder	250 ml	20	Borosil	515	Rs. 10,300	-do-	1,140	Rs. 22,800	China	378	Rs. 7,560	378	Scitech Svcs.
39	Graduated Cylinder	500 ml	20	Borosil	850	Rs. 17,000	-do-	1,450	Rs. 29,000	China	594	Rs. 11,880	594	Scitech Svcs.
40	Graduated Cylinder	1000 ml	20	Borosil	1900	Rs. 38,000	-do-	2,150	Rs. 43,000	China	885.60	Rs. 17,712	885.60	Scitech Svcs.
41	Pipette 1ml with filler	1ml	50	Germany	75	Rs. 3,750	Soda Glass ISO Lab Germany	225	Rs. 11,250	Germany	820	Rs. 41,000	75	Musaji Adam
42	Pipette 2ml with filler	2ml	50	Germany	78	Rs. 3,900	-do-	225	Rs. 11,250	Germany	820	Rs. 41,000	78	Musaji Adam
43	Pipette 5ml with filler	5ml	50	Germany	90	Rs. 4,500	-do-	465	Rs. 23,250	Germany	820	Rs. 41,000	90	Musaji Adam
44	Pipette 10ml with filler	10ml	50	Germany	120	Rs. 6,000	-do-	388	Rs. 19,400	Germany	1184	Rs. 59,200	120	Musaji Adam
45	Burette	100ml	20	Borosil	2500	Rs. 50,000	Borosilicate 3.3 ISO Lab Germany	5,950	Rs. 119,000		0	Rs. 0	2,500	Musaji Adam
48	Round bottom flask	500 ml	50	Borosil	550	Rs. 27,500	Borosilicate Glass 3.3 UK	850	Rs. 42,500		0	Rs. 0	550	Musaji Adam

49	Flate bottom flask	500 ml	50	Borosil	580	Rs. 29,000	Borosilicate Glass 3.3 NS Joint	265	Rs. 13,250		0	Rs. 0	265	Meditorn Trading
52	Media Bottles	(500 ml)	25	Simex/ Germany	495	Rs. 12,375	Borosilicate Glass 3.3	455	Rs. 11,375		0	Rs. 0	455	Meditorn Trading
53	Media Bottles	(250 ml)	50	Simex/ Germany	380	Rs. 19,000	-do-	385	Rs. 19,250		0	Rs. 0	380	Musaji Adam
54	Media Bottles	(1000 ml)	10	Simex/ Germany	650	Rs. 6,500	-do-	615	Rs. 6,150		0	Rs. 0	615	Meditorn Trading

Comparative Statement of Bids (Procurement of Analytical Chemicals for Development of Khyber Medical University, Peshawar)																					
S e r N o.	Description	Qty	Unit	M/S Musaji Adam & Sons			M/S Scientific Supplies				M/S Meditorn Trading Corp.				M/S Scitech Services Provider				Recommendation of Purchase Committee		
				Spec.	Quoted	Evaluated	Amount	Spec.	Quoted	Evaluated	Amount	Spec.	Quoted	Evaluated	Amount	Spec.	Quoted	Evaluated	Amount	Lowest Evaluated Rate/Item	Recommended Firm
1	Sodium chloride	10	Kg	Scharla u Spain	1300	1300	Rs. 13,000				Rs. 0	AR BIOM	2025/5kg	405	Rs. 4,050	sigma-aldrich	7144/kg	7,144.	Rs. 71,440	405	Meditorn trading
2	Potassium chloride	10	Kg	-do-	1800	1800	Rs. 18,000				Rs. 0	EP BIOM	1620/kg	1,620.	16,200	--do-	7144/kg	7,144.	Rs. 71,440	1,620	Meditorn trading
3	Magnesium chloride	5	Kg	-do-	1900	1900	Rs. 9,500				Rs. 0	EP Avon UK	1350/kg	1,350	Rs. 6,750	--do-	8981/kg	8,981	Rs. 44,905	1,350	Meditorn trading
4	Sodium di hydrogen phosphate	3	Kg	-do-	3100	3100	Rs. 9,300				Rs. 0	BIOM	1890/kg	1,890	Rs. 5,670	-do-	10497/kg	10,497	Rs. 31,491	1,890	Meditorn trading
5	Glucose	20	Kg	-do-	1700	1700	Rs. 34,000	Invitrogen USA	6000/kg	6000	Rs. 120,000	EP BIOM	1215/kg	1,215	Rs. 24,300	-do-	8456/kg	8,456	Rs. 169,120	1,215	Meditorn trading
6	Sodium carbonate	5	Kg	-do-	1900	1900	Rs. 9,500				Rs. 0	EP BIOM	2160/kg	2,160	Rs. 10,800	-do-	9856/kg	9,856	Rs. 49,280	1,900	Musaji Adam
7	Calcium chloride	10	Kg	-do-	3200	3200	Rs. 32,000				Rs. 0				Rs. 0	-do-	14609/kg	14,609	146,090	3,200	Musaji Adam
8	EDTA	10	Kg	-do-	6700	6700	Rs. 67,000	Invitrogen USA	9191/50 Ogm	18382	183,820	EP BIOM	1620/kg	1,620	16,200	fluka	15163/kg	15,163	151,630	1,620	Meditorn trading
9	Agarose	10	Kg	-do-	4000/25g m	160000	1600000	-do-	9990/10 Ogm	99900	Rs. 999,000			Rs. 0	sigma	43740/500g m	874800	Rs. 8,748,000	99,900	Scientific Supplies	
10	Tris Base	10	Kg	-do-	10300	10300	Rs. 103,000	-do-	10010/kg	10010	Rs. 100,100			Rs. 0	fluka	18574/500g m	37,148	Rs. 371,480	10,010	Scientific Supplies	
11	Triton-X 100	500	ml	-do-	3400/L	3.40	Rs. 1,700				Rs. 0	Avon UK	6750/500 ml	13.50	Rs. 6,750	fluka	12451/250 ml	49.80	Rs. 24,902	3.40	Musaji Adam
12	Ethidium bromide	100	g	-do-	5200/gm	5200	Rs. 520,000	-do-	5187/10 mg/ml	518.70	Rs. 51,870			Rs. 0					Rs. 0	518.70	Scientific Supplies
13	Bromophenol blue	200	g	-do-	7400/250 gm	29.60	Rs. 5,920				Rs. 0	BIOM	215/5gm	243	Rs. 48,600	sigma-aldrich	18545/25g m	741.80	Rs. 148,360	29.60	Musaji Adam
14	Sucrose	10	Kg	-do-	1800	1800	Rs. 18,000	-do-	13377/5 kg	2675.40	Rs. 26,754	EP BIOM	5400/5kg	1,080	Rs. 10,800	-do-	21286/2.5kg	8,514.40	Rs. 85,144	1,080	Meditorn trading
15	Sodium dodecyl sulphate	2	Kg	-do-	6400	6400	Rs. 12,800				Rs. 0	EP BIOM	1890/kg	1,890	Rs. 3,780	-do-	18370/kg	18,370	Rs. 36,740	1,890	Meditorn trading
16	Proteinase K	20	g	RBC	3500/100 mg	35000	700000	-do-	75257/1 gm	75257	1505140			Rs. 0	sigma	11664/10m g	1,166,400	23328000	35,000	Musaji Adam	
17	Genomic DNA extraction kit	2000	Preparations				Rs. 0	-do-	62000/250 Rxn	248	Rs. 496,000			Rs. 0	sigma	6852/kit 10 preparation	685.20	Rs. 1,370,400	248	Scientific Supplies	
19	Acrylamide	30	Kg	Scharla u Spain	3900/100 gm	39000	1170000	-do-	16000/500gm	32000	Rs. 960,000			Rs. 0	fluka	11430/kg	11,430	Rs. 342,900			
															fluka	45781/5kg	9,156.2	.274,686	9,156.20	Scitech Svcs.	
20	Bisacrylamide	20	Kg	-do-	6200/25g m	248000.0	4960000	-do-	9000/10 Ogm	90000	1800000	(N, n-Methylene Bis-acrylamide)	12700/kg	12,700.0	Rs. 254,000	sigma	13500/25g m	540000	10800000	12,700	Meditorn trading
															sigma	13413/100 ml	134130	Rs. 2,682,600			
21	Amonium per sulphate	5	kg	-do-	2500/kg	2500	Rs. 12,500				Rs. 0			Rs. 0	sigma-aldrich	10672/kg	10,672	Rs. 53,360	2,500	Musaji Adam	
22	Ammonium sulphate	5	kg	-do-	1600/kg	1600	Rs. 8,000				Rs. 0	BIOM	2160/kg	2,160	Rs. 10,800	-do-	9214/kg	9,214	Rs. 46,070	1,600	Musaji Adam
23	Magnesium sulphate	5	kg	-do-	1600/kg	1600	Rs. 8,000				Rs. 0	BIOM	1620/kg	1,620	Rs. 8,100			Rs. 0	1,600	Musaji Adam	
24	Phenol	5	kg	-do-	5000/kg	5000	Rs. 25,000	-do-	18500/500gm	37000	Rs. 185,000	BIOM	945/kg	945	Rs. 4,725	-do-	14959/500g m	29,918.	Rs. 149,590	945	Meditorn trading

0																					
25	Chloroform	20	Liters	-do-	3800/2.5L	1520	Rs. 30,400				Rs. 0	BIOM	1890/2.5L	756	Rs. 15,120			Rs. 0	756	Meditorn trading	
27	H <sub>2</sub> SO <sub>4</sub> liquid	3	Liters	RDH/B DH	7192/2.5L	2876.80	Rs. 8,630				Rs. 0	BIOM	2025/2.5L	810	Rs. 2,430			Rs. 0	810	Meditorn trading	
28	HNO <sub>3</sub> liquid	3	Liters	Scharla u Spain	1800/L	1800	Rs. 5,400				Rs. 0	BIOM	1555/2.5L	622	Rs. 1,866			Rs. 0	622	Meditorn trading	
29	HCL liquid	3	Liters	RDH/B DH	6380/2.5L	2552	Rs. 7,656				Rs. 0	BIOM	1150/2.5L	460	Rs. 1,380			Rs. 0	460	Meditorn trading	
31	Acetic acid liquid	3	Liters	Scharla u Spain	2100/2.5L	840	Rs. 2,520				Rs. 0	BIOM	1490/2.5L	596	Rs. 1,788	Rdh	1944/2.5L	777.60	Rs. 2,333	596	Meditorn trading
32	Sodium hydroxide palates	3	Kg	-do-	2100/Kg	2100	Rs. 6,300				Rs. 0	EP BIOM	1080/Kg	1,080	Rs. 3,240	sigm a-aldri ch	8310/kg	8,310	Rs. 24,930	1,080	Meditorn trading
33	Potassium dihydrogen phosphate	3	Kg	-do-	2800/Kg	2800	Rs. 8,400				Rs. 0	EP BIOM	2430/Kg	2,430	Rs. 7,290	-do-	14084/kg	14,084	Rs. 42,252	2,430	Meditorn trading
34	Acetyl choline *	100	g				Rs. 0				Rs. 0				Rs. 0	sigm a	35575/100g m	355.75	Rs. 35,575	355.75	Scitech Svcs.
35	Atropine sulphate*	100	g	Alfa Aesar	10100/10 gm	1010	Rs. 101,000				Rs. 0	BIOM	7290/10g m	729	Rs. 72,900	-do-	59194/25g m	2,367.76	Rs. 236,776	729	Meditorn trading
39	Histamine*	100	g	Alfa Aesar	6442/5gm	1288.40	Rs. 128,840				Rs. 0				Rs. 0	sigm a	66193/5gm	13,238.60	Rs. 1,323,860	1,288.40	Musaji Adam
42	Glibenclamide *	100	g	Alfa Aesar	23900/25 gm	956	Rs. 95,600				Rs. 0				Rs. 0	-do-	50009/10m g	5,000.90	Rs. 500,090	956	Musaji Adam
43	Nor-epinephrine*	100	g	-do-	29600/gm	29600	2960000				Rs. 0				Rs. 0	-do-	94332/gm	94,332	Rs. 9,433,200	29,600	Musaji Adam
																-do-	146674/100 gm	1,466.74	Rs. 146,674	1,466.74	Scitech Svcs.
46	Pentylene tetrazole (PTZ)*	100	g	Alfa Aesar	3855/5gm	771	Rs. 77,100				Rs. 0				Rs. 0	-do-	40386/100g m	403.86	40386	403.86	Scitech Svcs.
47	Paracetamol*	100	g	-do-	5446/250 gm	21.78	Rs. 2,178				Rs. 0				Rs. 0	-do-	98852/5mg	19770400	19770400	21.78	Musaji Adam
49	Aspirin *	100	g	Scharla u Spain	2100/500 gm	4.20	Rs. 420				Rs. 0	BIOM	5400/500 gm	10.80	Rs. 1,080	-do-	11080/100g m	110.8	Rs. 11,080	4.20	Musaji Adam
50	Nutrient agar	1	Kg	Oxide	6264/500 gm	12528	Rs. 12,528				Rs. 0	BIOM	5130/500 gm	10,260.0	Rs. 10,260	Fluka	11168/100g m	111680	Rs. 111,680	10,260	Meditorn trading
51	Sabourad dextrose agar	1	kg	Oxide	5568/500 gm	11136	Rs. 11,136				Rs. 0	BIOM	5130/500 gm	10,260.0	Rs. 10,260	-do-	23648/500g m	47,296	Rs. 47,296	10,260	Meditorn trading
52	Nutrient broth	1	kg	Oxide	7656/500 gm	15312	Rs. 15,312				Rs. 0	BIOM	4860/500 gm	9,720	Rs. 9,720	-do-	29597/500g m	59,194	Rs. 59,194	9,720	Meditorn trading
53	DMSO	2.5	Liters	Scharla u Spain	5300/2.5L	2120	Rs. 5,300				Rs. 0	BIOM	5900/2.5L	2,360	Rs. 5,900	sigm a-aldri ch	42427/2.5L	16,970.80	Rs. 42,427	2,120	Musaji Adam
55	Methanol	50	Liters	Scharla u Spain	1200/2.5L	480	Rs. 24,000				Rs. 0	BIOM	4725/5L	945	Rs. 47,250	sigm a-aldri ch	1728/2.5L	691.20	Rs. 34,560	480	Musaji Adam
56	Iso propanol	200	Liters	-do-	1900/2.5L	760	Rs. 152,000				Rs. 0	BIOM	6000/5L	1,200	Rs. 240,000	Rdh	2268/2.5L	907.20	Rs. 181,440	760	Musaji Adam

59	Trichloro acetic acid	5	Liters	Scharla u Spain	4900/kg	4900	Rs. 24,500						Rs. 0					Rs. 0	4,900	Musaji Adam				
60	Barium chloride(sigma)	200	g	-do-	3400/kg	3.40	Rs. 680						Rs. 0	EP BIOM	810/250gm	3.24	Rs. 648	sigma-aldrich	8106/500gm	16.21	Rs. 3,242	3.24	Meditorn trading	
66	Potassium dihydrogenphosphate	1	Kg	Scharla u Spain	2800/kg	2800	Rs. 2,800						Rs. 0	EP BIOM	2430/kg	2,430	Rs. 2,430	sigma-aldrich	14084/kg	14,084	Rs. 14,084	2,430	Meditorn trading	
67	Magnissium sulphate	1	Kg	-do-	1600/kg	1600	Rs. 1,600						Rs. 0	EP BIOM	2160/kg	2,160	Rs. 2,160	-do-	8223/kg	8,223	Rs. 8,223	1,600	Musaji Adam	
73	Acetyl salicylic acid*	200	g	Scharla u Spain	2100/500gm	4.20	Rs. 840						Rs. 0					Rs. 0	sigma-aldrich	12451/kg	12.45	Rs. 2,490	4.20	Musaji Adam
76	Acetic acid*	200	g	Scharla u Spain	2100/2.5L	0.84	Rs. 168						Rs. 0					Rs. 0	Rdh	1944/2.5L	0.78	Rs. 156	0.78	Scitech Svcs.
81	tetraethylamium*	100	g				Rs. 0						Rs. 0	BIOM	5400/100gm	54	Rs. 5,400						54	Meditorn trading
85	Sulfanilamide*	100	g	Scharla u Spain	2400/100gm	24	Rs. 2,400						Rs. 0	BIOM	5130/100gm	51.30	Rs. 5,130	sigma-aldrich	25194/100gm	251.94	Rs. 25,194	24	Musaji Adam	
86	Naphthylethyl enediamine*	100	g	Alfa Aesar	5599/10gm	559.90	Rs. 55,990						Rs. 0	BIOM	4860/5gm	972	Rs. 97,200	-do-	12159/5gm	2,431.80	Rs. 243,180	559.90	Musaji Adam	

Comparative Statement of Bids (Procurement of HPLC Grade Chemicals for Development of Khyber Medical University, Peshawar)

Ser No.	Description	Qty	Unit	M/S Musaji Adam & Sons				M/S Meditorn Trading Corp.				M/S Scitech Services Provider				Recommendation of Purchase Committee	
				Spec.	Quoted	Evaluated	Amount	Spec.	Quoted	Evaluated	Amount	Spec.	Quoted	Evaluated	Amount	Lowest Evaluated Rate/item	Recommended Firm
1	Methanol	100	Liters	Scharlau Spin	2160/2.5L	864	Rs. 86,400	BIOM	2025/4L	506.25	Rs. 50,625	Sigma-Aldrich	2052/2.5L	820.80	Rs. 82,080	506.25	Meditorn trading
2	Heptane	20	Liters	-do-	8240/2.5L	3296	Rs. 65,920				Rs. 0	-do-	13851/L	13,851	Rs. 277,020	3296	Musaji Adam
3	Ethanol	10	Liters	-do-	5200/2.5L	2080	Rs. 20,800	E Solvent BIOM	4050/2.5L	1,620	Rs. 16,200				Rs. 0	1,620	Meditorn trading
4	Isopropanol	50	Liters	-do-	3440/2.5L	1376	Rs. 68,800	BIOM	2700/2.5L	1,080	Rs. 54,000	-do-	13909/L	13,909	Rs. 695,450	1,080	Meditorn trading
5	Cyclohexane	50	Liters	-do-	3280/2.5L	1312	Rs. 65,600	BIOM	6750/2.6L	2,596.15	Rs. 129,808	-do-	32513/2L	16,256.50	Rs. 812,825	1312	Musaji Adam
6	Acetonitrile	50	Liters	-do-	7400/2.5L	2976	Rs. 148,800	BIOM	6600/4L	1,650	Rs. 82,500	-do-	4860/2.5L	1,944	Rs. 97,200	1,650	Meditorn trading
7	Dichloromethane	50	Liters	-do-	3680/2.5L	1472	Rs. 73,600	BIOM	6750/2.5L	2,700	Rs. 135,000	-do-	32950/2.5L	13,180	Rs. 659,000	1472	Musaji Adam
8	Chloroform	100	Liters	-do-	3040/2.5L	1216	Rs. 121,600	BIOM	3375/2.5L	1,350	Rs. 135,000				Rs. 0	1216	Musaji Adam
9	Trifluoroacetic acid	50	Liters	-do-	17040/L	17040	Rs. 852,000	BIOM	10125/100ml	101,250	Rs. 5,062,500	-do-	38782/100ml	387,820	19,391,000	17040	Musaji Adam
11	Phosphoric acid	20	Liters	-do-	3600/2.5L	1440	Rs. 28,800				Rs. 0				-	1440	Musaji Adam
12	Triethyleamine	20	Liters	-do-	4400/2.5L	1760	Rs. 35,200				Rs. 0	fluka	30326/20ml	1,516,300	30,326,000	1760	Musaji Adam
13	Acetone	100	ML	-do-	5500/2.5L	2200	Rs. 220,000	BIOM	3780/2.5L	1.512	Rs. 151				Rs. 0	1.51	Meditorn trading
14	Ethylacetate.	100	ML	-do-	4000/2.5L	1.60	Rs. 160				Rs. 0	Sigma-Aldrich	13384/L	13.38	Rs. 1,338	1.60	Musaji Adam

Procurement of Commercial Grade Chemicals for Development of Khyber Medical University, Peshawar

Ser No.	Description	Qty	Unit	M/S Musaji Adam & Sons				Recommendation of Purchase Committee	
				Spec.	Quoted	Evaluated	Amount	Lowest Evaluated Rate/item	Recommended Firm
1	Dichloromethane	100	Liters	Commercial	450/L	450	Rs. 45,000	450	Recommended For approval
2	Chloroform	100	Liters	Commercial	300/L	300	Rs. 30,000	300	Recommended For approval
4	n- hexane	100	Liters	Commercial	310/L	310	Rs. 31,000	310	Recommended For approval
5	Ethyl acetate	100	Liters	Commercial	360/L	360	Rs. 36,000	360	Recommended For approval
6	Methanol	500	Liters	Commercial	89/L	89	Rs. 44,500	89	Recommended For approval
10	Ethanol	100	Liters	Commercial	480/L	480	Rs. 48,000	480	Recommended For approval
11	Acetone	50	Liters	Commercial	800/L	800	Rs. 40,000	800	Recommended For approval
12	Propanol	50	Liters	Commercial	340/L	340	Rs. 17,000	340	Recommended For approval



**Conclusion:**

Comprehensive consolidated report is prepared in light of decision made in bid evaluation meeting of the purchase committee and procurement manual of planning commission of Pakistan whereby all the minutes recorded and relevant pages of bid as well as comparative statements are enclosed for ready reference.

**Reference:**

1. PC-1 of the Project “ Development of Khyber Medical University, Peshawar”
2. Pakistan Procurement Code (Public Procurement Regulatory Authority).
3. Contraceptive Procurement Manual of Planning Commission of Pakistan.
4. Guidelines for Project Mangers of Planning Commission of Pakistan.
5. Financial Rules “Khyber Medical University, Peshawar”.