



**INSTITUTE OF BASIC MEDICAL
 SCIENCES
 KHYBER MEDICAL UNIVERSITY,
 PESHAWAR**



BID EVALUATION REPORT

- BACK GROUND HISTORY**
MINUTES OF THE MEETING
NIT, ITB & BID DATA SHEET
SPECIFICATION
OPENING AND EVALUATION
1. OPENING ENVELOP-1 & QUALIFICATION
2. TECHNICAL EVALUATION
3. FINANCIAL EVALUATION

Hafiz Muhammad Tariq
 Asstt Dir. (Civil)

Mr. Wasim Riaz
 Deputy Treasurer

Engr. Noor Shah Jehan Khattak
 Project Manager, KMU

Dr. Walayat Shah
 Assistant Professor,
 IBMS

Dr. Sami Siraj
 Assistant Professor,
 IBMS,

Mr. Zafar Qayyum
 Deputy Director, P&D,
 KMU

Dr. Niaz Ali
 Associate Professor,
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Dr. Jawad Ahmed
 Dir. IBMS,
 Khyber Medical University,
 Peshawar

TABLE OF CONTENTS
BID EVALUATION REPORT
KHYBER MEDICAL UNIVERSITY, PESHAWAR

Ser #	Description	Page No
1.	Background, history of the project and approval of HEC	3-4
2.	constitutions of committee (Technical and Purchase)	5
3.	Minutes of Technical Committee	6-10
4.	Minutes of Purchase Committee	11
5.	Invitation (Print Media)	12
6.	Instruction to Bidders, Bid Data Sheet, Preamble	13-23
7.	Specifications	24-25
8.	Sales, purchase of documents, pre-bid meeting, Bid opening	26
9.	Minutes of Purchase Committee Bid Opening (Technical bid)	27-30
10.	Minutes of Technical committee (Technical Evaluation)	31-32
11.	Minutes of Financial Bid Opening and evaluation of financial bids	33-39
12.	Final adjusted Quantities	40
13.	Conclusion and references	41

BACKGROUND

The Research project of "Pharmacological Basis for Ethnobotanical Uses of Medicinal Plants of Malakand Region" was approved by Higher Education Commission in respect of Dr. Niaz Ali Associate Professor for the objectives mentioned in the PC-1 and a formal sanction was also issued in this response.

PROCUREMENT OF LABORATORY EQUIPMENT AND CHEMICALS

After granting approval of the project from the HEC, the competent authority of Khyber Medical University, Peshawar detailed two committees' i-e technical and purchase committee to ensure purchases at the earliest possible. (Notification enclosed).

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. It was jointly decided by the committee member that already drafted bid document for the main project of Khyber Medical University, Peshawar for the procurement of equipment, chemicals and glassware shall be followed. Accordingly approval of the competent authority was accorded and bid was floated, hence this reported is prepared comprising all the meeting and enclosures are provided hereby as;



HIGHER EDUCATION COMMISSION

H-9, Islamabad, Pakistan
 Phone: (051) 9801932 Fax: (051) 4434659
 arehman@hec.gov.pk

No.20-1723/R&D/10

Date: 26.10.2011

Dr. Niaz Ali,
 Associate Professor,
 Department of Pharmacy,
 Institute of Basic Medical Sciences,
 Khyber Medical University, Phase V,
 Hayatabad, Peshawar


Subject: **AWARD OF RESEARCH PROJECT UNDER NATIONAL RESEARCH PROGRAMME FOR UNIVERSITIES**

I am pleased to inform you that the Higher Education Commission has approved your project titled "Pharmacological Basis for ethnobotanical uses of some of Medicinal plants of Malakand region" at the following cost as per details given below over a period of 24 Months.

Sr.#	Items	Total Cost	1 st Installment
1.	Honoraria for PI As per HEC policy	Rs. 137,800/-	-----
2.	Honoraria for Co-PI as per hEC policy	Rs. 63,000/-	-----
3.	Permanent Equipment	Rs. 5,225,000/-	-----
4.	Expandable Supplies	Rs. 330,000/-	Rs. 5,225,000/-
5.	Literature Information Literature, discussion, information on live literature @ Rs. 50,000/- py as per HEC policy Stationery/contingencies @ Rs. 10,000/- py as per HEC policy	Rs. 70,000/-	Rs. 165,000/-
6.	Local Travel	Rs. 10,000/-	Rs. 10,000/-
7.	Animals breeding and their food like rats, rabbits mice, guinea pigs	Rs. 60,000/-	Rs. 30,000/-
8.	Audit/Accountant Fee (As per HEC Policy)	Rs. 13,333/-	Rs. 6,666/-
9.	Indirect cost @2% (As per HEC policy)	Rs. 118,182/-	Rs. 59,091/-
	Total	Rs. 6,027,315/-	Rs. 5,555,757/-

You are requested to execute an agreement on non-judicial stamp paper as per specimen attached and return the same within 15 days from the date of receipt of award letter so that the amount of first installment is released in your favor for execution of the project. Please note that all expenditures will be done as per government rules by observing all codal formalities such as PPRA. All accounts of these funds shall be maintained as per Federal Government format and Subject to government audit.

With best regards


 Aziz Ur Rehman
 Assistant Director (R&D)



KHYBER MEDICAL UNIVERSITY
BLOCK -IV, PDA BUILDING, PHASE-V, HAYATABAD,
KHYBER PAKHTUNKHWA, PESHAWAR, PAKISTAN

Telephone: 91-91-9217703, 9217884-5, Fax: 91-91-9217700

No. KMU (SA&A)/2011/22-2/19084
Dated: 26/07/2012

NOTIFICATION

The competent authority is pleased to accord approval for the constitution of Technical Committee and Purchase Committee for the project, "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" comprising of the following:

Technical Committee:

i.	Prof. Dr. Jawad Ahmad Director, IBMS, KMU	Convener
ii.	Dr. Shafiq Ahmad Tariq Associate Professor, IBMS, KMU	Member
iii.	Dr. Niaz Ali Associate Professor, IBMS, KMU	Co-opted Member
iv.	Mr. Muhammad Farooq Assistant Director (Admin), IBMS, KMU	Secretary/Member

TOBS:

- The committee will prepare the specification of the required items to be purchased
- The Committee will prepare the technical report on the basis of specification and comparative statement.
- The Committee will inspect the equipment, instruments, fixtures, machinery, furniture and other miscellaneous items including printing, stationery and contingent items, after supply and will submit recommendations to the Purchase Committee for payment to the firm.

Purchase Committee:

i.	Dr. Niaz Ali Associate Professor, IBMS, KMU	Convener
ii.	Mr. Wasim Riaz Deputy Treasurer, KMU	Member
iii.	Mr. Noor Shah Jelum Khanak Project Manager, KMU	Member
iv.	Dr. Walayat Shah Assistant Professor, IBMS, KMU	Member
v.	Dr. Sami Siraj Assistant Professor, IBMS, KMU	Member
vi.	Mr. Zafar Qayyum Deputy Director, P&D, KMU	Member
vii.	Hafiz Muhammad Tariq Assistant Director (Civil), KMU	Secretary/Member

Hafiz Muhammad Tariq
Asstt Dir. (Civil)

Mr. Wasim Riaz
Deputy Treasurer

Engr. Noor Shah Jehan Khattak
Project Manager, KMU

Dr. Walayat Shah
Assistant Professor,
IBMS

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KMU

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Associate Professor,
IBMS, KMU

Dr. Jawad Ahmad
Dir. IBMS,
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Peshawar



KHYBER MEDICAL UNIVERSITY
BLOCK -IV, PDA BUILDING, PHASE-V, HAYATABAD,
KHYBER PAKHTUNKHWA, PESHAWAR, PAKISTAN
Exchange Ph: 991-4217700, 9211-8866-997, Fax: 991-4217734

TERMS:

1. The Committee will advertise and call the quotations according to the approved specification of the equipment, instruments, machinery, furniture, fixture and other miscellaneous items including printing, stationary and contingent items.
2. The Committee will open the quotations/bids and will also prepare the comparative statement.
3. The Committee will hand over the same to the Technical Committee for preparation of Technical Report.
4. All purchases will be made as per prescribed rules of the Government/University where the project is located.
5. The Committee will ensure that all funds are being spent strictly in accordance with the approved plan. Any deviation in this regard shall require the prior approval of the Higher Education Commission, Islamabad.
6. The Committee will ensure that all payments are being made by observing all the codal formalities.
7. The Committee will submit its recommendations to the competent authority for sanction for procurement.


REGISTRAR

Copy for information to:

1. Members Concerned
2. PSO to Vice Chancellor, KMU
3. Procurement Officer, KMU
4. PS to Director, IBMS, KMU
5. Office File
6. Master File

Hafiz Muhammad Tariq
Asstt Dir. (Civil)

Mr. Wasim Riaz
Deputy Treasurer

Engr. Noor Shah Jehan Khattak
Project Manager, KMU

Dr. Walayat Shah
Assistant Professor,
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Peshawar

KMU **INSTITUTE OF BASIC MEDICAL SCIENCES** **IBMS**
PESHAWAR
Institute of Basic Medical Sciences


NO:KMU/IBMS/ 151/2012/ 825 Date:08/08/2012

To

1. Dr.Shafiq Ahmad Tariq, Associate Professor IBMS.
2. Dr.Niaz Ali, Associate Professor IBMS.
3. Mr.Muhammad Farooq, Assistant Director Admin IBMS.

Subject: MINUTES OF THE 1st MEETING OF THE TECHNICAL COMMITTEE FOR PROJECT PHARMACOLOGICAL BASIS FOR ETHNOBOTANICAL USES OF MEDICAL PLANTS OF MALAKAND REGION

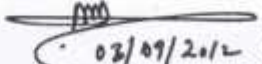
Enclosed please find herewith minutes of the 1st meeting of the KMU Technical Committee held on 06/08/2012 for the project "Pharmacological Basis for Ethnobotanical Uses of some of Medical Plants of Malakand Region" in the IBMS, Khyber Medical University, for information please.


(Dr. Jawad Ahmed)
Director IBMS

Copy for information:

1. PSD to Vice Chancellor KMU.
2. PS to Registrar KMU.
3. Procurement Officer KMU.

Director IBMS

Dear Hafiz Tariq
please keep it for record

03/09/2012

PDA Flats, St: 9, Sect. F1, Phase-6, Hayatabad, Peshawar, Khyber Pakhtunkhwa, Pakistan
Near Shalman Park Phase-6

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Hafiz Muhammad Tariq
Asstt Dir. (Civil)Mr. Wasim Riaz
Deputy TreasurerEngr. Noor Shah Jehan Khattak
Project Manager, KMUDr. Walayat Shah
Assistant Professor,
IBMSDr. Sami Siraj
Assistant Professor,
IBMS,Mr. Zafar Qayyum
Deputy Director, P&D,
KMUDr. Niaz Ali
Associate Professor,
IBMS, KMUDr. Jawad Ahmed
Dir. IBMS,
Khyber Medical University,
Peshawar



1st Meeting of KMU Technical Committee for the Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" (06/08/2012)

<p>2 Rotary evaporator with aspirator, pump</p>	<p>Tail Cuff Holder. Universal Holder With L-Shaped Electrode. The 160152-34 Universal Holder with L-Shaped Electrode (platinum) is suitable for use with the 10 ml or larger Radnoti Tissue-Organ Baths and is configured for use with blood vessel ring preparations. The tissue ring is placed on the lower support, attached to a tri-lapge tissue support (5-10 ml chambers 1548817 or 25-50 ml chambers 158818) and placed under tension between the two horizontal platinum wire electrodes. Tri-Shape Upper Support (5-10 mL, 0.015" SS, Close, 12 pk). It is for tissue support (0.015" Stainless Steel Wire, 10 mm x 10 mm) is used with blood vessel ring preparations and L-shaped stimulating electrodes. This support is used with 5-10 ml Radnoti Chambers (12 in a pack). Needle Electrodes 29 gauge, 1.2mm, 2 mm Pins (5) The MUA1204 is a pack of five (5) 12 mm needle (29 G) electrodes (monopolar) with 2 mm pins and a lead length of 125 cm. Suitable for use with the ML136 Animal Bio Amp. Spring Clip Electrodes (per. of 3) the spring Clip Electrodes are manufactured using spring metal and plated with nickel and gold. The electrodes have a 1 m lead wire ending with a 2 mm pin, which make them suitable for use with the ML136 Animal Bio Amp. Biopotentials- Animalase (isolated) Animal Bio Amp The Animal Bio Amplifier is a galvanically-isolated, high-impedance software-controlled, single channel, differential amplifier suitable for the measurement of biopotentials in animals and isolate tissues. Shrouded 2 mm input sockets allow the direct connection of lead wires to this amplifier. Three electrode lead wires with Micro-Hooks are at least to be supplied as standard. Radnoti Chamber Organ Bath The Radnoti Single Chamber Organ Bath is supplied with a 25 ml 1660 series tissue bath. The steel base is coated to resist corrosive salt solutions. The perfusate flow from a water jacketed, temperature controlled 1-liter reservoir to the tissue bath through a pre-heating coil built within the water jacket of tissue bath. The bath may also be bottom drain controlled with a stopcock. The bath is emptied via used in a constant flow mode with excess perfusate exiting an overflow outlet at the top of the bath. Both overflow and drains may be routed to permit monitoring the release of endogenous substances, drug metabolites, or to design a cascade system configuration. Bath aeration is finely controlled via a removable Teflon needle valve Oxy-tube. The bath shall be With Circulating Water Bath Complete with circulating water bath.</p>	<p>1</p>
<p>1 Computerized data acquisition system with Transducers</p>	<p>The system shall be of four channel for pharmacology work with physiology package including LabChart Teaching Suite, Pulse Transducer, Resposable Belt Transducer, Spingmanometer, Push Button Switch, 5 Lead Shielded Bio Amp Cabin, Shielded Lead Wires (5 snap-on), Stimulating Bar Electrode, Carbo Microphone, Headphone, Reusable ECG Electrodes, EEG FIM Electrodes, Dry/Earth Strap Disposable ECG Electrodes (100 pack), Grip Force Transducer, Abrasive Gel, Electrode Cream, Electrode Swabs (1000 pack), IBC to DIN Smart Adapter (2) and Teaching System Case. The pharmacological transducers must include Force Force Transducer compatible with single channel circulating water bath (5 mg -25 g, Qty: 01), High Scale Transducer (Qty: 02), Which is a high performance isotonic displacement transducer for use with organ bath systems and used to measure displacement with pre-adjusted loads in the range of 15g. Bridge Amplifier, It shall be software-controlled, non-isolated bridge amplifier suitable for use with strain gauges, pressure and force transducers and other DC-powered transducers, Supply with an 8 pin D M connector. The ML125/R RIB Control provides a non-invasive method for intermittent blood pressure measurement from the rat tail (older rats <10 mm). The Controller is powered from any Pow-Lab system and is supplied with a ML1125/R Pulse Transducer/Pressure Cuff for rat. It must have ML45030 Rodent High System for rats.</p>	<p>1</p>

Chairman
 Secretary
 Page 2/7



1st Meeting of KMU Technical Committee for the Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" (06/08/2012)

MINUTES OF THE 1st MEETING OF TECHNICAL COMMITTEE HELD ON 06/08/2012

The 1st meeting of KMU Technical Committee for the Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" was held on 06/08/2012 at 09:30 AM in the IBMS, Khyber Medical University, Peshawar. The following attended the meeting:

1. Dr. Jawad Ahmad, Director IBMS (Chairman)
2. Dr. Shafiq Ahmad Tariq, Associate Professor IBMS (Member)
3. Dr. Niaz Ali, Associate Professor IBMS (Co-opted Member)
4. Mr. Muhammad Farooq, Assistant Director/Admin IBMS (Secretary/member)

The following agenda items were discussed and recommendations made as under:

Project "A" (see para 06, Niaz Ali)
 Agenda Item No.1: Specification for Lab Equipments of Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region"

The KMU Technical Committee (approved Technical Specification for Lab Equipments of Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" as per details given accordingly)

S. No	Item name	Specifications	Quantity
1	Computerized data acquisition system with Transducers	The system shall be of four channel for pharmacology work with physiology package including LabChart Teaching Suite, Pulse Transducer, Resposable Belt Transducer, Spingmanometer, Push Button Switch, 5 Lead Shielded Bio Amp Cabin, Shielded Lead Wires (5 snap-on), Stimulating Bar Electrode, Carbo Microphone, Headphone, Reusable ECG Electrodes, EEG FIM Electrodes, Dry/Earth Strap Disposable ECG Electrodes (100 pack), Grip Force Transducer, Abrasive Gel, Electrode Cream, Electrode Swabs (1000 pack), IBC to DIN Smart Adapter (2) and Teaching System Case. The pharmacological transducers must include Force Force Transducer compatible with single channel circulating water bath (5 mg -25 g, Qty: 01), High Scale Transducer (Qty: 02), Which is a high performance isotonic displacement transducer for use with organ bath systems and used to measure displacement with pre-adjusted loads in the range of 15g. Bridge Amplifier, It shall be software-controlled, non-isolated bridge amplifier suitable for use with strain gauges, pressure and force transducers and other DC-powered transducers, Supply with an 8 pin D M connector. The ML125/R RIB Control provides a non-invasive method for intermittent blood pressure measurement from the rat tail (older rats <10 mm). The Controller is powered from any Pow-Lab system and is supplied with a ML1125/R Pulse Transducer/Pressure Cuff for rat. It must have ML45030 Rodent High System for rats.	1

Chairman
 Secretary
 Page 2/8

Hafiz Muhammad Tariq Asstt Dir. (Civil)

Mr. Wasim Riaz Deputy Treasurer

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Dr. Sami Siraj Assistant Professor, IBMS,

Mr. Zafar Qayyum Deputy Director, P&D, KMU

Dr. Niaz Ali Associate Professor, IBMS, KMU

Dr. Jawad Ahmed Dir. IBMS, Khyber Medical University, Peshawar

Bid evaluation report (procurement of Lab Equipment & Chemicals)
 "Pharmacological Basis for Ethnobotanical Uses of Medicinal Plants of Malakand Region"

1st Meeting of KEMU Technical Committee for the Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" (06/08/2012)

<p>Temp. Range: - 20 °C ~ 100 °C Temp. Accuracy: ±0.1 °C Temp. Uniformity: 0.2 °C at - 10 °C Temp. Sensor: P100 Controller: digital fuzzy controller with jog-shuttle switch (Turn + Push) Display: Digital LCD with back light function Timer: 99hr 59min (Delay & continuous function included) Material Internal: Stainless steel Material External: Powder coated steel Material Insulation: Polystyrene (20 mm) Pump: 14Lit. /min (Internal / external) Compressor Control: Intelligent control of refrigerator for preventing overload of compressor Refrigerant: CFC-free (404A) refrigeration system. Safety Device: Over temp. and over current protector, sensor error and low level detector leakage breaker. Others: Storage function (Temp. Timer) Locking mode (jog-shuttle input disabled) User self compensation function with alarm (Error status and timer end) Power Supply: 220 volt, 50/60 Hz Vacuum Aspirator and chemical Resistant Vacuum Pump</p>	<p>Technical Specifications: Max. power consumption (W): 60 Max. current (A): 0.32 Max. vacuum: -600mmHg=79kPa=160 Torr Max. pressure: 25PSI Vacuum, 0mmHg: 22 l/min=0.78CFM Vacuum, 100mmHg: 17 l/min=0.6CFM Vacuum, 200mmHg: 13 l/min=0.46CFM Vacuum, 400mmHg: 7 l/min=0.25CFM Vacuum, 500mmHg: 4 l/min=0.14CFM Vacuum, 550mmHg: 2 l/min=0.07CFM Motor rotation: 1450RPM Capacitor: 2uf/450v Noise Level: 50dB Power Supply: 220-240V/50Hz</p>
<p>3</p>	<p>Air conditioner</p> <p>To be used in laboratory for maintaining controlled temperature as some experimental protocols require controlled temperature. 1.5 ton capacity both for degree of hotness and coolness revert system</p>
<p>4</p>	<p>Analytical Balance</p> <p>The balance shall have top lading facility with cover and auto-calibration facility. It shall have port for printing the record and capacity shall be from 0.01 mg 220gm with high precision and accuracy</p>



1st Meeting of KEMU Technical Committee for the Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" (06/08/2012)

<p>and Chiller.</p>	<p>graphite seals Powered glassware lifting equipment with safety release (in case of power failure) -3.5" monochromatic LCD touch screen -Quick Start/Stop control and parameter selector -Rudava evaporation flask connection system -Removable thermostatic bath, PTFE coated GLP-compliant instrument (with USB interface) -Optional fume temperature probe Optional vacuum controller -Rotation speed from 20 to 280 rpm (150 W induction motor) -Thermostatic bath ambient temperature: 185°C (2 possible settings: water and oil) -Bath heater: 1200W - Bath capacity: 5 liters -Models available with vertical or slanting standard or plastic-coated glassware -Evaporating flasks: Collecting flasks 1000ml. V AC, 50Hz -Power consumption: 1400W CONTROL PANEL AND MICROPROCESSOR -3.5" LCD graphic display touch screen (320 x 240 pixel) START/STOP control and quick basic parameter selection -Real-time display of all basic operating parameters (bath temperature, rotation speed), vacuum level and fume temperature with probe and vacuum controller) -Real-time display of working method -Method saving and retrieving (up to 10 methods) -Timer - Possibility to operate according to fume temperature (if optional probe is present) -Possibility to create manual and automatic ramps according to time, by differentiating all working parameters with vacuum controller -Possibility to download working method to PC through USB port and retrieve it at any time USB updatable multi-language software.</p> <p>Circulator Chiller.</p> <p>The chiller should be easy to use with digital fuzzy controller and LCD display. The chiller can be controlled and monitored with PC. Digital timer function: 'Delay time' and 'Operation time' can be controlled.</p> <p>With Stainless steel bath for superior durability & high thermal efficiency.</p> <p>Stainless steel lid prevents evaporation and keeps constant temperature.</p> <p>Powerful circulation pump assures temp. With possible minimum difference in internal and external circulation.</p> <p>Possible connection with evaporator or viscometer. It must have compensation function to control difference between real temperature and indicated temperature.</p> <p>Warning and auto stop function for shortage of liquid.</p> <p>Auto controlled refrigerating system with protection of compressor and power saving. Digital LCD with back light function. The chiller has function to detect over temperature & over current protection, sensor error & low level detection, leakage and braking.</p> <p>Some other Technical Specifications: Dimension (w x d x h) Bath (cm): 25 x 32 x 15 Capacity: 12 Lit Heater: 1.5 KW</p>
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Chairman

Secretary

- Hafiz Muhammad Tariq Asstt Dir. (Civil)
- Mr. Wasim Riaz Deputy Treasurer
- Engr. Noor Shah Jehan Khattak Project Manager, KMU
- Dr. Walayat Shah Assistant Professor, IBMS
- Dr. Sami Siraj Assistant Professor, IBMS,
- Mr. Zafar Qayyum Deputy Director, P&D, KMU
- Dr. Niaz Ali Associate Professor, IBMS, KMU
- Dr. Jawad Ahmed Dir. IBMS, Khyber Medical University, Peshawar



1st Meeting of KMU Technical Committee for the Project "Pharmacological Basis for Ethnobotanical Uses of some of Medical Plants of Malakand Region" (06/08/2012)

5	Refrigerator	It shall be of standard size with temperature range of - 4-8 °C Double door and vertical.	1
6	Magnetic stirrer	It has facility for heating and stirring the solution with variable speed and controlled temperature. There shall be least difference between surface and panel temperature. Can accommodate 4 beakers of standard size.	1
7	Uv lamp with hood	The UV lamp shall work both in short and long range waves for easy reference of UV active biological compounds. It shall be with hood for maximum protection.	1
8	Heating mantle for distillation apparatus	It should be with Nickel Chrome Heating Element Coil Type: Acid-resistant, Long Life Time. External thermo sensor is available, which enables precise control of the temperature of liquid sample in the vessel when used together with remote digital controller. Technical Specifications: Flask Capacity (ml): 3000 Flask Max. Dia. Ø (mm): 184-187 Inside Depth (mm): 105 Mantle outside Ø (mm): Ø 270xH200 Support Rod Ø x H (mm): Ø13xH660	1

Agenda Item No.2: Specification for Lab Chemicals of Project "Pharmacological Basis for Ethnobotanical Uses of some of Medical Plants of Malakand Region"
The KMU Technical Committee (approved Technical Specification for Lab Chemicals of Project "Pharmacological Basis for Ethnobotanical Uses of some of Medical Plants of Malakand Region" as per details given accordingly)

S. No	A. chemicals	Quantity
1	Sodium chloride*	1 kg
2	Potassium chloride*	1 kg
3	Magnesium chloride	500 g
4	Sodium di hydrogen phosphate	1 kg
5	Glucose	1 kg
6	Sodium carbonate	500 g
7	Calcium chloride *	1 kg
8	EDTA*	500 g
9	Magnesium sulphate	500 g
10	Potassium di hydrogen phosphate	500 g
11	Acetyl choline *	100 g
12	Auripine sulphate*	100 g
13	Verapamil*	100 g
14	Niflumic acid*	100 g
15	5-hydroxy tryptamine*	100 g
16	Histamine*	100 g
17	Levomarkalin*	100 g
18	Nifedipine*	100 g
19	Glibenclamide*	100 g
20	Non-spinephrine*	100 g
21	Epinephrine*	100 g

Secretary



1st Meeting of KMU Technical Committee for the Project "Pharmacological Basis for Ethnobotanical Uses of some of Medical Plants of Malakand Region" (06/08/2012)

22	Pentothal (Abbott Lab)	500 g
23	Pentylenetetrazole (PTZ)*	100 g
24	Paracetamol*	100 g
25	Diazepam*	200 g
26	Aspirin *	100 g
27	Nutrient agar	1 kg
28	Sabourad dextrose agar	1 kg
29	Nutrient broth	1kg
30	DMSO	2.5 litres
31	Methanol	2.5 litres
32	Chloroform	2.5 litres
33	Di sodium hydrogen phosphate	1 kg
34	Isopterenol*	20 g
35	Oxytocin*	20 g
36	Trichloro acetic acid	5 litres
37	Barium chloride(sigma)	200 g
38	Proparolol HCl*	200 g
39	Amlodipine HCl*	200 g
40	Methoamine *	100 g
41	5-hydroxytryptamine	200 g
42	Carbachol *	200 g
43	Potassium dihydrogen phosphate	1 kg
44	Magnissium sulphate	1 kg
45	Phentolamine *	200 g
46	Nicotine hydrochloride	100 g
47	Pentamidine hydrochloride*	100 g
48	Nifedipine hydrochloride*	100 g
49	Dicyclonine*	100 g
50	Acetyl salicylic acid*	200 g
51	Cimetidine hydrochloride*	100 g
52	Mepyramine*	100 g
53	Acetic acid*	200 g
54	Pyrimamine hydrochloride*	200 g
55	Cromakalim*	100g
56	Levamisole HCl*	100 g
57	Diazepam*	100g
58	tetraethylammonium*	100 g
59	Calyculin*	100 g
60	Phenylephrine HCl*	100g
61	NG-nitro-L-arginine methyl ester (L-NAME)*	100g
62	Sulfanilamide*	100 g
63	Naphthylethylene diamine*	100 g
64	Niflumic acid*	100 g
65	Sodium bicarbonate	1 kg
B. consumables and miscellaneous		
1	Flesh silica	3kg
2	Column silica	5 kg
3	Animal food for rats, mice , rabbits etc.	40 kg
4	Cages for rats, mice, Of standard sizes	6

Secretary

Hafiz Muhammad Tariq
Asstt Dir. (Civil)

Mr. Wasim Riaz
Deputy Treasurer

Engr. Noor Shah Jehan Khattak
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Peshawar

KMU
 17th Meeting of KMU Technical Committee for the Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" (06/06/2012)

Agenda Item No.4: **Specification for Reagents**
 The KMU Technical Committee (approved Technical Specification for Reagents as per details given accordingly)

1. Bacterial DNA Extraction Kit
2. PCR amplification enzyme Mix (100 Puffs)
3. Macromoldey agar (OXOID) and Blood agar (500g each)

The meeting ended with vote of thanks.


 Secretary

Page 8/8

KMU
 17th Meeting of KMU Technical Committee for the Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" (06/06/2012)

Agenda Item No.3: **Specification for Lab solvents of Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region"**
 The KMU Technical Committee (approved Technical Specification for Lab solvents of Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" as per details given accordingly)

Ser#	Description	Quantity*
1.	Dichloromethane	100 liters
2.	Chloroform	100 liters
3.	n-Butanol	100 liters
4.	n-Hexane	100 liters
5.	Ethyl acetate	100 liters
6.	Methanol	500 liters
7.	Benzene	50 liters
8.	Toluene	50 liters
9.	n-Heptane	200 liters
10.	Ethanol	100 liters
11.	Acetone	50 liters
12.	Propanol	50 liters

Agenda Item No.4: **Specification for Stationary of Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region"**
 The KMU Technical Committee (approved Technical Specification for Stationary of Project "Pharmacological Basis for Ethnobotanical Uses of some of Medicinal Plants of Malakand Region" as per details given accordingly)

Item	Qty	Specification
1. Paper A4 size:	10 rms	
2. legal size	2 rms	
3. Printer	1	Hp Laserjet 1102
4. Toner	2	

Project "B" (PSC project DR Assisted)

Agenda Item No.4: **Specification for Computer**
 The KMU Technical Committee (approved Technical Specification for Computer as per details given accordingly)

- Core I7 1960 X Processor
- DX7970 Mother Board
- 1 GB Graphic Card 220 GT
- 1TB Hard Drive
- 32 GB Ram
- Key Board
- Mouse
- Chassis Cooler with 600 Watts power supply
- LED 18 inches With HDMI
- Printer Hp Laserjet 1102


 Secretary

Page 7/8

Hafiz Muhammad Tariq
 Asstt Dir. (Civil)

Mr. Wasim Riaz
 Deputy Treasurer

Engr. Noor Shah Jehan Khattak
 Project Manager, KMU

Dr. Walayat Shah
 Assistant Professor,
 IBMS

Dr. Sami Siraj
 Assistant Professor,
 IBMS,

Mr. Zafar Qayyum
 Deputy Director, P&D,
 KMU

Dr. Niaz Ali
 Associate Professor,
 IBMS, KMU

Dr. Jawad Ahmed
 Dir. IBMS,
 Khyber Medical University,
 Peshawar

Minutes of the Purchase Committee 1st Meeting regarding Procurement of Equipment and Chemicals under the approved Project of HEC titled "Pharmacological Basis for Ethnobotanical uses of Medicinal plant of Malakand Region" held at Committee Room of Khyber Medical University, Peshawar on September 03, 2012 at 1000 hours.

The Participant Include;

- | | | |
|------|-------------------------------|---------------------------------|
| i. | Dr. Niaz Ali | Associate Professor, IBMS, KMU |
| ii. | Mr. Wasim Riaz | Deputy Treasurer. KMU |
| iii. | Engr. Noor Shah Jehan Khattak | Project Manager, KMU |
| iv. | Dr. Walayat Shah | Assistant Professor, IBMS, KMU |
| v. | Dr. Sami Siraj | Assistant Professor, IBMS, KMU |
| vi. | Mr. Zafar Qayyum | Deputy Director, P&D, KMU |
| vii. | Hafiz Muhammad Tariq | Assistant Director (Civil), KMU |

Subject: - **MINUTE OF THE MEETING.**

1st Meeting of the members of the Purchase Committee constituted vide Notification No. KMU(SA&A)/2011/22-2/19084 Date 26/7/2012, was held on September 03, 2012 by 1000 hours at the Committee Room, Khyber Medical University, Peshawar to discuss & finalize bid document for the procurement of Equipment & Chemicals under the approved project.

The Meeting started with recitation from the Holy Quran. Thereafter committee members were informed that HEC has awarded a research project in favor of Dr. Naiz Ali Associate Professor IBMS under the NATIONAL RESEARCH PROGRAM FOR UNIVERSITIES vide their ltr. No.20-1723/R&D/10/746 Dated 20-10-2011 with the title "**Pharmacological Basis for Ethnobotanical uses of Medicinal plant of Malakand Region**". Accordingly to ensure Transparency and Economy in procurement the competent authority of KMU has constituted separate Technical Committee and Purchase Committee.

Thereafter the Minutes of the Technical Committee were taken into consideration and was agreed to be made part in bid document for technical aspect of the bid. Further to ensure implementation of PPRA rules a consolidated, comprehensive bid document was prepared by the Purchase Committee for the Developmental Project of KMU from the Planning Commission Manual and was harmonized with PPRA rules. Hence the same draft was taken agreed to be considered without any change except incorporation of Bill of Quantities/Schedule of Requirements and Specifications for the current project.

Following filling/editing was made in the said approved bid document.

- a. Total cost for bid was considered Rs. 5.615 million for item No. 3, 4 & 7.
- b. Date for advertisement was agreed on or before September 10, 2012.
- c. Pre-bid meeting shall be held on September 26, 2012.
- d. Meeting for bid opening (technical) was fixed as October 10, 2012.
- e. Meeting for bid opening (Financial) was fixed as October 22, 2012.

Regarding stationery and other misc. items it was decided that the same shall be purchased through quotation process in accordance to day to day requirement.

The meeting adjourned with a vote of thanks.

(Associate Professor Dr. Niaz Ali)
Convener Purchase Committee
 Khyber Medical University, Peshawar.

INVITATION FOR BIDS (COPY)

1. The Employer/Purchaser, Khyber Medical University, Peshawar invites sealed bids for the Procurement of Laboratory Equipment & Chemicals under the Project Titled "Pharmacological Basis for Ethnobotanical uses of some of Medicinal Plants of Malakand Region" at Institute of Basic Medical Sciences, Khyber Medical University, Peshawar, wherein the estimated cost for these is Rs. 5.615 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 undersigned 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 **10/09/2012** 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 and must be delivered to Chairman Purchase Committee, Khyber Medical University, Peshawar PDA Building fourth floor, Phase-V Hayatabad Peshawar on or before **26/09 /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 **10/10/2012** before opening of Financial Proposal.
 - ii. Financial bids of the Eligible, Qualified and Technically Responsive Bidders will be opened at 11:30 hours on **22/10/2012**, in presence of Bidder/Suppliers representatives who choose to attend, at Committee Room of KMU, Peshawar.

DAILY MASHRIQ PESHAWAR
 روزنامہ سیدناج میر شاہ
 مشرق
 سلسلہ اشاعت کے 46 سال
 شمارہ نمبر 46
 23 شہور
 20 جولائی 1433ھ 8 ستمبر 2012ء ماہنامہ قیمت 10 روپے

INVITATION FOR BIDS
 KHYBER MEDICAL UNIVERSITY, PESHAWAR
 COMMITTED TO EXCELLENCE IN ACADEMICS & RESEARCH

The Project "Pharmacological Basis for Ethnobotanical Uses of Medicinal Plants of Malakand Region"
 1. The Employer/Purchaser, Khyber Medical University, Peshawar invites sealed bids for the Procurement of Laboratory Equipment & Chemicals under the Project Titled "Pharmacological Basis for Ethnobotanical uses of some of Medicinal Plants of Malakand Region" at Institute of Basic Medical Sciences, Khyber Medical University, Peshawar, wherein the estimated cost for these is Rs. 5.615 million, the entire supplies will be completed in 90 (ninety) days.
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 II. Financial bids of the Eligible, Qualified and Technically Responsive Bidders will be opened at **11:30 hours on 22/10/2012**, in presence of Bidder/Suppliers representatives who choose to attend, at Committee Room of KMU, Peshawar.

(Associate Prof. Dr. Niaz Ali)
 Principal Investigator
 IBMS, KMU, Peshawar

Hafiz Muhammad Tariq
 Asstt Dir. (Civil)

Mr. Wasim Riaz
 Deputy Treasurer

Engr. Noor Shah Jehan Khattak
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 Associate Professor,
 IBMS, KMU

Dr. Jawad Ahmed
 Dir. IBMS,
 Khyber Medical University,
 Peshawar

INSTRUCTIONS TO BIDDER/SUPPLIERS (Copy)

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 Pakhtunehwa 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;

- i. Company profile (showing origin, head office, branches, vision, mission, management, directors, personals, and other necessary information);
- ii. Written power of attorney authorizing the signatory of the bid to act for and on behalf of the Supplier;
- iii. Current litigation information;
- iv. Availability of Bank Credit line;
- v. Bank Statements and financial statements duly audited by chartered accountants upto C.F.Y;
- vi. Certificate as bidder is Manufacturer or authorized representative of the manufacturer;
- vii. Experience record regarding in hand and previous contracts;
- viii. Status of enlistment with other Govt. Organizations;
- ix. Organization Chart and CV's of Personal for completion of successful supplies, fixing, demonstration, and after sales service etc;
- x. Joint Venture Agreement (if applicable).
- xi. Affidavit as the firm is eligible to participate in the bidding and is not black listed.
- xii. 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 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.
- 17.2 All pages of Bid document are to be properly completed, sealed and signed.
- 17.3 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.
- 17.4 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.
- 17.5 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.
- 17.6 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.
- 17.7 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.
- 17.8 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
Total:		100

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.	5 marks/each project	15
ii)	Supplies of similar nature and complexity in hand.	5 marks /each project	10
iii)	Experience of Supplies related to this bid but not basic part.	1 mark/ each project	5
iv)	Status of enlistment with Government Organizations and other agencies.	1 mark/ each Deptt.	5
Sub-total:			35

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
Sub-total:			20

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	10 marks/ million	10
ii)	Working Capital in last 3 years.	15 mark/ 1.5 million	15
iii)	Registration with Income Tax Department	Y=5	7
iv)	Litigation History where decision went against the Firm.	N=5	5
v)	Blacklisting from any Agency	N=5	8
Sub-total:			45

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 placed 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.

IB.33 Stamp Duty

33.1 The successful Bidder/Supplier shall deposit the amount of stamp duty into Govt. Treasury as per Govt. prevailing rates.

IB. 34 Professional Tax Certificate

34.1 The successful Bidder/Supplier shall provide the certificate for the current financial year otherwise the same shall be deducted as per prevailing Govt. rates.

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	The Principal Investigator IBMS, KMU, Peshawar
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IB-1.1 Name of the Project/Contract;

The Project: "Pharmacological Basis for Ethnobotanical uses of some of Medicinal Plants of Malakand Region"

The Contract: "Procurement of Laboratory Equipment & Chemicals at Institute of Basic Medical Sciences, Khyber Medical University, Peshawar"

IB-1.2 Time for completion;

The entire supplies shall be completed with in **90 (ninety)** days.

IB-8.1 Address for clarification of bid;

1. Convener Purchase Committee Khyber Medical University Peshawar	2. Convener Technical/Inspection Committee Khyber Medical University Peshawar
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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 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 Copy.

IB-19.1 Employer's address for the purpose of Bid submission;

Convener Purchase Committee, Khyber Medical University,
 Block-4, PDA Building 4th 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 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, including fixing, placing, installation, demonstration, testing, operation etc. of the Equipment, & Chemicals at the Site.

4.6 The Contractor shall provide for all parts of the Equipment, & Chemicals 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 Computerized data acquisition system with transducers

The system shall be of four channel for pharmacology work with physiology package including Lab Chart Teaching Suite, Pulse Transducer, Respiratory Belt Transducer, Sphygmomanometer, Push Button Switch, 5 Lead Shielded Bio Amp Cable, Shielded Lead Wires (5 snap-on), Stimulating Bar Electrode, Cardio Microphone, Headphones, Reusable ECG Electrodes, EEG Flat Electrodes, Dry Earth Strap, disposable ECG Electrodes (100 pack), Grip Force Transducer, Abrasive Gel, Electrode Cream, Electrode Paste (3 pack; for use with some mentioned transducers), Alcohol Swabs (1000 pack), BNC to DIN Smart Adapter (2) and Teaching System Case. The pharmacological transducers must include Force Transducer compatible with single channel circulating water bath (5 mg -25 g, Qty: 01). High Grade Transducer (Qty: 02). Which is a high performance isotonic displacement transducer for use with organ bath systems and used to measure displacement with pre-adjusted loads in the range of 150. Bridge Amplifier, it shall be software-controlled, non-isolated bridge amplifier suitable for use with strain gauges, pressure and force transducers and other DC-powered transducers. Supply with an 8 pin DIN connector. NIBP System (for Rats) The ML125/R NIBP Controller provides a non-invasive method for intermittent blood pressure measurement from the rat tail (diameter <10 mm). The Controller is powered from any Power Lab system and is supplied with a ML125/R Pulse Transducer/Pressure Cuff for rats. It must have MLA5030 Rodent Tail Cuff Holder. Universal Holder With L-Shaped Electrode. The 160152-14 Universal Holder with L-Shaped Electrode (platinum) is suitable for use with the 10 ml or larger Radnoti Tissue-Organ Baths and is configured for use with blood vessel ring preparations. The tissue ring is placed on the lower support, attached to a tri-shape tissue support (5-10 mL chambers 158817 or 25-50 mL chambers 158819) and placed under tension between the two horizontal platinum wire electrodes. Tri-Shape Upper Support (5-10 ml, 0.015" SS, Close, 12 pk). It is for tissue support (0.015" Stainless Steel Wire, 10 mm x 10 mm) is used with blood vessel ring preparations and L-shaped stimulating electrodes. This support is used with 5-10 mL Radnoti Chambers (12 in a pack). Needle Electrodes 29 gauge, 12mm, 2 mm Pins (5) The MLA1204 is a pack of five (5) 12 mm needle (29 G) electrodes (monopolar) with 2 mm pins and a lead length of 125cm. Suitable for use with the ML136 Animal Bio Amp. Spring Clip Electrodes (set of 3) the spring Clip Electrodes are manufactured using spring metal and plated with nickel and gold. The electrodes have a 1 m lead wire ending with a 2 mm pin, which make them suitable for use with the ML136 Animal Bio Amp. Biopotentials- Animal use (Isolated) Animal Bio Amp. The Animal Bio Amplifier is a galvanically-isolated, high-impedance software-controlled, single channel, differential amplifier suitable for the measurement of biopotentials in animals and isolated tissues. Shrouded 2 mm input sockets allow the direct connection of lead wires to this amplifier. Three electrode lead wires with Micro-Hooks are at least to be supplied as standard. Radnoti Chamber Organ Bath The Radnoti Single Chamber Organ Bath is supplied with a 25 mL 1660 series tissue bath. The steel base is coated to resist corrosive salt solutions. The perfusates flow from a water jacketed, temperature controlled 1-liter reservoir to the tissue bath through a pre-heating coil built within the water jacket of tissue bath. The bath is emptied via a bottom drain controlled with a stopcock. The bath may also be used in a constant flow mode with excess perfusate exiting an overflow outlet at the top of the bath. Both overflow and drains may be routed to permit monitoring the release of endogenous substances, drug metabolites, or to design a cascade system configuration. Bath aeration is finely controlled via a removable Teflon needle valve Oxy-tube. The bath shall be With Circulating Water Bath Complete with circulating water bath.

2 Rotary evaporator with aspirator, pump and Chiller.

Rotary Evaporator; Removable safety shield Glassware lifting made possible with or without protective shield Maintenance-free PTFE and carbon graphite seals Powered glassware lifting equipment with safety release (in case of power failure) -3,5" monochromatic LCD touch screen -Quick Start/Stop control and parameter selector -Rodavis evaporation flask connection system -Removable thermostatic bath, PTFE coated GLP- compliant instrument (with USB interface) -Optional fume temperature probe Optional vacuum controller-Rotation speed from 20 to 280 rpm (150 W induction motor) -Thermostatic bath ambient temperature: 185°C (2 possible settings: water and oil) -Bath heater: 1200W -Bath capacity: 5 liters -Models available with vertical or slanting, standard or plastic-coated glassware -Evaporating flasks: -Collecting flasks 1000ml. V AC, 50Hz -Power consumption: 1400W CONTROL PANEL AND MICROPROCESSOR -3.5" LCD graphic display touch screen (320 x 240 pixel) START/STOP control and quick basic parameter selection -Real-time display of all basic operating parameters (bath temperature, rotation speed), vacuum level and fume temperature with probe and vacuum controller) -Real-time display of working method -Method saving and retrieving (up to 10 methods) -Timer -Possibility to operate according to fume temperature (if optional probe is present) -Possibility to create manual and automatic ramps according to time, by differentiating all working parameters with vacuum controller -Possibility to download working method to PC through USB port and retrieve it at any time USB updatable multi-language software.

Circulator Chiller; The chiller should be easy to use with digital fuzzy controller and LCD display. The chiller can be controlled and monitored with PC. Digital timer function: 'Delay time' and 'Operation time' can be controlled. With Stainless steel bath for superior durability & high thermal efficiency. Stainless steel lid prevents evaporation and keeps constant temperature. Powerful circulation pump assures temp. With possible minimum difference in Internal and external circulation. Possible connection with evaporator or viscometer. It must have compensation function to control difference between real temperature and Indicated temperature. Warning and auto stop function for shortage of liquid. Auto controlled refrigerating system with protection of compressor and power saving. Digital LCD with back light function. The chiller has function to detect over temperature & over current protection, sensor error & low level detection, leakage and breaking.

Some other Technical Specifications:

Dimension (w x d x h) Bath (cm): 25 x 32 x 15, Capacity: 12 Lit, Heater: 1.5 kW, Temp. Range: -20 °C ~ 100 °C, Temp. Accuracy: ± 0.1 °C, Temp. Uniformity: ± 0.2 °C at -10 °C, Temp. Sensor: PT00, Controller: digital fuzzy controller with jog-shuttle switch (Turn + Push), Display: Digital LCD with back light function, Timer: 99hr 59min (Delay & continuous function included), Material Internal: Stainless steel, Material External: Powder coated steel, Material Insulation: Polystyrene (20 mm), Pump: 14Lit. /min (internal / external) Compressor Control: Intelligent control of refrigerator for preventing overload of compressor, Refrigerant: CFC-free (404A) refrigeration system, Safety Device: Over temp. and over current protector, sensor error and low level detector, leakage breaker. Others: Storage function (Temp. Timer), Locking mode (jog-shuttle input disabled), User self compensation function with alarm (Error status and timer end), Power Supply: 220 volt, 50/60 Hz, Vacuum Aspirator and chemical Resistant Vacuum Pump,

Technical Specifications:

Max. power consumption (W): 60, Max. current (A): 0.32, Max. vacuum: -600mmHg=79kPa=160 Torr, Max. pressure: 25PSI, Vacuum, 0mmHg: 22 l/min=0.78CFM, Vacuum, 100mmHg: 17 l/min=0.6CFM, Vacuum, 200mmHg: 13 l/min=0.46CFM, Vacuum, 400mmHg: 7 l/min=0.25CFM, Vacuum, 500mmHg: 4 l/min=0.14CFM, Vacuum, 550mmHg: 2 l/min=0.07CFM, Motor rotation: 1450RPM, Capacitor: 2uf/450v, Noise Level: 50dB, Power Supply: 220-240V/50Hz

- 3 **Air conditioner** To be used in laboratory for maintaining controlled temperature as some experimental protocols require controlled temperature. 1.5 ton capacity both for degree of hotness and coolness revert system
- 4 **Analytical Balance** The balance shall have top lading facility with cover and auto-calibration facility. It shall have port for printing the record and capacity shall be from 0.01 mg 220gm with high precision and accuracy
- 5 **Refrigerator** It shall be of standard size with temperature range of -4-8 °C. Double door and vertical.
- 6 **Magnetic stirrer** It has facility for heating and stirring the solution with variable speed and controlled temperature. There shall be least difference between surface and panel temperature. Can accommodate beakers of standard size.
- 7 **Uv lamp with hood** The UV lamp shall work both in short and long range waves for easy reference of UV active biological compounds. It shall be with hood for maximum protection.
- 8 **Heating mantle for distillation apparatus** It should be with Nickel Chrome Heating Element
Coil Type: Acid- resistant, Long Life Time. External thermo sensor is available, which enables precise control of the temperature of liquid sample in the vessel when used together with remote digital controller.

Technical Specifications:

Flask Capacity (ml): 3000, Flask Max. Dia. Ø (mm): 184-187, Inside Depth (mm):105, Mantle outside Ø (mm): Ø 270xH200, Support Rod Ø x H (mm): Ø13xH660

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	mas.pew@musajisons.com	0300-5965760 091-2553949
2.	M/S Rays Technologies.	Flat No. S-5, 2 nd Floor, Jabbar Khan Plaza, Town Chowk, University Road Peshawar.	kpkraytech@gmail.com	091-5706145 0300-5810856 0333-9339390
3.	M/S Scitech Services Providers.	408, 4 th Floor, Block-A, City Tower, University Road, Peshawar	scitechpsh@gmail.com scitechpwr@cyber.net.pk noorzeb.scitech@gmail.com	091-5702614 0300-5990467 0342-9054526
4.	M/S Meditorn Trading Corporation	8, Al-Sayyed Plaza, University Road, Peshawar	meditron@meditron-inst.com	091-5841986 091-5705734
5.	M/S Scientific Technical Corporation (Pvt.) Ltd.	LG-2,3,4&6 Queen's Centre, 33-Shahrah-e-Fatima Jinnah (Queens Road) Lahore	stc@brain.net.pk	042-36361665
6.	M/S Pak Glorious Enterprises.	1 st Floor Alhaaj Plaza Haji Abad Charsadda Road, Peshawar	pakglorious@yahoo.com	051-5532291 0333-9111628
7.	M/S Compact Business International	5-lower Ground Queens center Lahore	compact_biz@hotmail.com	042-6361664
8.	M/S Commodore Business International	58-lawarnc road Lahore	cbil@brain.net.pk	042-36361498

PRE-BID MEETING

Neither pre-bid meeting was held, nor had bidders submitted any quarry in respect of bidding documents.

OPENING OF BIDS

As single stage two envelop bidding was decided in accordance to PPRA rules, and were submitted to the convener Purchase Committee on or before 1100 hours of October 10, 2012. The bids (Technical Proposal envelop-I) was opened in presence of committee members and bidder's representatives who choose to attend. Decisions made and minutes recorded are enclosed. The technical evaluation was also made as per issued bid documents and accordingly financial bids were opened and evaluated. All the minutes are enclosed herewith;

Minutes of the Purchase Committee bid opening (Technical) Meeting regarding Procurement of Equipment and Chemicals under the approved Project of HEC titled "Pharmacological Basic for Ethnobotanical uses of Medicinal plant of Malakand Region" held at Committee Room of Khyber Medical University, Peshawar on October 10, 2012 at 1130 hours.

The Participant Include;

- i. Dr. Niaz Ali
Associate Professor, IBMS, KMU
- ii. Mr. Wasim Riaz
Deputy Treasurer. KMU
- iii. Engr. Noor ShahJehan Khattak
Project Manager, KMU
- iv. Dr. Walayat Shah
Assistant Professor, IBMS, KMU
- v. Dr. Sami Siraj
Assistant Professor, IBMS, KMU
- vi. Mr. Zafar Qayyum
Deputy Director, P&D, KMU
- vii. Hafiz Muhammad Tariq
Assistant Director (Civil), KMU

Subject: - **MINUTE OF THE MEETING.**

Consequent upon the advertisement floated in print media whereby Bid opening (Technical) was scheduled on October 10, 2012 at the Committee Room, Khyber Medical University, Peshawar, accordingly the meeting was held of the committee members.

Meeting was started with recitation from the holy Quran, thereafter the participants were informed that in accordance to PPRA rules bids were invited and in 1st stage only technical bids shall be opened. The bids of following bidders were opened.

1. M/S Meditorn Trading Corporation.
2. M/S Scitech Services Providers.
3. M/S scientific Technical Corporation.
4. M/S Musaji Adam & Sons.
5. M/S Rays Technologies.
6. M/S Pack Glorious Enterprises.
7. M/S Compact Business International.
8. M/S Commodore Business International.

Thereafter to verify bidders eligibility and qualification bidder's data was checked and was found as;

ELIGIBILITY/QUALIFICATION OF THE BIDDERS (BIDDERS DATA)

	1	2	3	4	5	6	7	8	
IB-3	ELIGIBILITY OF BIDDERS	M/S Compact Business International	M/S Commodore Business International	M/S Meditorn Trading Corp.	M/S Pak Glorious	M/S SciTech Services Provider	M/S Rays Technologies	M/S Musaji Adam & Sons	M/S Scientific Technical Corporation
3.1	a. Sales Tax Registration #	03-00-9999-586-91	03-94-9999-851-82	05-01-3822-001-28		05-01-9999-721-91	not provided	12-00-3000-523-64	Not Provided
3.2	Affidavit if not black listed by any public deptt.	not provided	not provided	Yes Provided	Yes Provided	Yes Provided	Yes Provided	Yes Provided	Yes Provided
IB-11.1	QUALIFICATION DOCUMENTS								
i.	Company Profile	not provided	not provided	Yes Provided	Yes Provided	Yes Provided	not provided	not provided	Yes Provided
ii.	Power attorney i-r-o signatory	not provided	not provided	Yes Provided	not provided	not provided	not provided	Yes Provided	not provided
iii.	Litigation information	not provided	not provided	Yes Provided	not provided	Yes Provided	not provided	Yes Provided	Yes Provided
iv.	Bank Credit line.	not provided	not provided	not provided	Yes Provided	not provided	not provided	not provided	Yes Provided
v.	Bank Statement	not provided	not provided	Yes Provided	not provided	Yes Provided	Yes Provided	Yes Provided	not provided
vi.	manufacturer's representative	not provided	not provided	not provided	Yes Provided	Yes Provided	Yes Provided	Yes Provided	not provided
vii.	experience record	not provided	not provided	Yes Provided	Yes Provided	Yes Provided	Yes Provided	Yes Provided	Yes Provided
viii.	Enlistment with Govt. Deptt.	not provided	not provided	Yes Provided	Yes Provided	Yes Provided	Yes Provided	Yes Provided	Yes Provided
ix.	Org. Chart	not provided	not provided	Yes Provided	Yes Provided	Yes Provided	not provided	not provided	Yes Provided
x.	Joint venture agreement	not provided	not provided	not provided	not provided	not provided	not provided	not provided	not provided
xii.	National Tax #.	1364226-0	0666858-5	1005557-6	1622902-9	1828794-8	0665848-2	1291370-2	not provided
	Contact #.	0321-4202951	042-63614498	0334-9053903	0333-9111628	0300-5990467	0300-5810856	0300-5965760	0321-4282921
	E-mail address	compact_biz@hotmail.com	cbil@brain.net.pk	meditron@meditron-inst.com	info@pgepk.com	scitechpsh@gmail.com	kpkraystech@gmail.com		stc@brain.net.pk

Hafiz Muhammad Tariq
Asstt Dir. (Civil)

Mr. Wasim Riaz
Deputy Treasurer

Engr. Noor Shah Jehan Khattak
Project Manager, KMU

Dr. Walayat Shah
Assistant Professor,
IBMS

Dr. Sami Siraj
Assistant Professor,
IBMS,

Mr. Zafar Qayyum
Deputy Director, P&D,
KMU

Dr. Niaz Ali
Associate Professor,
IBMS, KMU

Dr. Jawad Ahmed
Dir. IBMS,
Khyber Medical University,
Peshawar

Qualification of Bidders

		1	2	3	4	5	6	7	8
Criteria		M/S Compact Business International	M/S Commodore Business International	M/S Meditorn Trading Corp.	M/S Pak Glorious	M/S Scitech Services Provider	M/S Rays Technologies	M/S Musaji Adam & Sons	M/S Scientific Technical Corporation
Experience									
Previous Similar Supplies	5 Mrk/each proj (15 Mks)	0	0	15	15	0	15	15	15
In hand Similar Supplies	5 Mrk/each proj (10 Mks)	0	0	10	10	0	10	10	10
Related Supplies	1 Mrk/each proj (05 Mks)	0	0	5	5	0	5	5	5
Enlistment with Govt. Deptt.	1 Mrk/each Dept (05 Mks)	0	0	5	5	5	5	5	5
Personal Capabilities									
Number of Graduate	02 Nos (06 Mks)	0	0	6	6	6	6	0	6
Experience of Graduate	02 Nos 5 years (04 Mks)	0	0	4	4	4	4	0	4
Number of DAE/Certificate	03 Nos (06 Mks)	0	0	6	4	6	6	0	6
Experience of DAE/Certificate	03 Nos 5 years (04 Mks)	0	0	4	3	4	4	0	4
Financial									
Bank Credit line	10 Mrk/mill	0	0	0	0	0	0	0	0
Working capital	15 Mrk/ 1.5mill	0	0	0	0	15	15	15	0
Income Tax registration	Y=7 Mks	7	7	7	7	7	7	7	7
Litigation	N=5 Mks	0	0	5	5	0	5	5	5
Blacklisting	N=8 Mks	0	0	8	8	8	8	8	8
Total Achieved Marks		7	7	75	72	55	90	70	75
Remarks	P ≥ 50	Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass

Hafiz Muhammad Tariq
Asstt Dir. (Civil)

Mr. Wasim Riaz
Deputy Treasurer

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IBMS

Dr. Sami Siraj
Assistant Professor,
IBMS,

Mr. Zafar Qayyum
Deputy Director, P&D,
KMU

Dr. Niaz Ali
Associate Professor,
IBMS, KMU

Dr. Jawad Ahmed
Dir. IBMS,
Khyber Medical University,
Peshawar

It was jointly decided that technical bids of qualified documents except M/S Compact Business international and M/S Commodore Business international who could not qualify shall be submitted to the Technical Committee for technical evaluation in accordance to the issued bid documents

The meeting adjourned with a vote of thanks.

(Associate Professor Dr. Niaz Ali)
Convener Purchase Committee
Khyber Medical University, Peshawar

Minutes of the Technical Committee Meeting regarding Procurement of Equipment and Chemicals under the approved Project of HEC titled "Pharmacological Basis for Ethnobotanical uses of Medicinal plant of Malakand Region" held at Institute of Basic Medical Sciences on October 18th, 2012, at 0830 hours.

The Participant Include;

- | | |
|--|------------------|
| 1. Prof. Dr. Jawad Ahmed Director IBMS | Convener |
| 2. Dr. Niaz Ali Associate Professor, IBMS, KMU | Co-opted Member |
| 3. Dr. Shafiq Ahmed Tariq Associate Professor, IBMS, KMU | Member |
| 4. Mr. Muhammad Farooq Assistant Director Admin, IBMS, KMU | Secretary/member |

Subject: - **MINUTE OF THE MEETING.**

In pursuant to opening of bids by purchase committee, a meeting of the technical committee was held to consider the technical specification of the qualified bidders. The minutes of the committee are recorded as;

A. Equipment;

1. Computerized data acquisition system with transducers.

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Not Quoted the item
2.	M/S Scitech Services Providers	Not Quoted the item
3.	M/S Scientific Technical Corp.	Meets Specifications, M/S Scientific Technical Corporation is also the sole distributor.
4.	M/S Musaji Adam & Sons.	Not Quoted the item
5.	M/S Rays Technologies.	Not Quoted the item
6.	M/S Meditorm Trading	Not Quoted the item

2. Rotary evaporator with aspirator, pump and chiller.

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Does not meet specifications
2.	M/S Scitech Services Providers	Does not meet specifications
3.	M/S Scientific Technical Corp.	Meets specifications
4.	M/S Musaji Adam & Sons.	Not quoted the item
5.	M/S Rays Technologies.	Meet specifications
6.	M/S Meditron	Does not meet specifications

3. Air conditioner.

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Not quoted the item
2.	M/S Scitech Services Providers	Not quoted the item
3.	M/S Scientific Technical Corp.	Not quoted the item
4.	M/S Musaji Adam & Sons.	Not quoted the item
5.	M/S Rays Technologies.	Not quoted the item
6.	M/S Meditorm Trading	Not Quoted the item

4. Analytical balance.

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Meets Specifications. Model# MSE 225S-000-DU
2.	M/S Scitech Services Providers	Does not meet specifications particularly lower limit
3.	M/S Scientific Technical Corp.	Does not meet specifications particularly lower limit
4.	M/S Musaji Adam & Sons.	Not quoted the item
5.	M/S Rays Technologies.	Meets Specifications
6.	M/S Meditorm Trading	Not Quoted the item

5. Refrigerator.

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Not quoted the item
2.	M/S Scitech Services Providers	Not quoted the item
3.	M/S Scientific Technical Corp.	Meets Specifications
4.	M/S Musaji Adam & Sons.	Not quoted the item
5.	M/S Rays Technologies.	Meets Specifications
6.	M/S Meditorm Trading	Not Quoted the item

6. Magnetic stirrer.

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Meets Specifications
2.	M/S Scitech Services Providers	Meets Specifications
3.	M/S Scientific Technical Corp.	Meets Specifications
4.	M/S Musaji Adam & Sons.	Not quoted the item
5.	M/S Rays Technologies.	Meets Specifications
6.	M/S Meditron	Meets Specifications

7. UV lamp with hood.

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Does not meet specifications
2.	M/S Scitech Services Providers	Does not meet specifications
3.	M/S Scientific Technical Corp.	Meets specifications
4.	M/S Musaji Adam & Sons.	Not quoted the item
5.	M/S Rays Technologies.	Meets specifications (must ensure hood)
6.	M/S Meditron	Meets specifications

8. Heating mantle for distillation apparatus.

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Meets specifications
2.	M/S Scitech Services Providers	Not quoted the item
3.	M/S Scientific Technical Corp.	Meets specifications
4.	M/S Musaji Adam & Sons.	Not quoted the item
5.	M/S Rays Technologies.	Meets specifications
6.	M/S Meditron	Does not meet specifications

B. Chemicals;

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Not quoted the items
2.	M/S Scitech Services Providers	Meets specifications
3.	M/S Scientific Technical Corp.	Not quoted the items
4.	M/S Musaji Adam & Sons.	Meets specifications
5.	M/S Rays Technologies.	Not quoted the items
6.	M/S Meditron trading corp.	Meets Specifications

C. Consumable and Misc. Items;

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Not quoted the item
2.	M/S Scitech Services Providers	Meets specifications
3.	M/S Scientific Technical Corp.	Not quoted the item
4.	M/S Musaji Adam & Sons.	Meets specifications
5.	M/S Rays Technologies.	Not quoted the item
6.	M/S Meditron Trading corp.	Not Quoted the items

D. Commercial Grade Chemicals;

Ser. #.	Bidder's Name	Status/Remarks
1.	M/S Pak Glorious	Not quoted the item
2.	M/S Scitech Services Providers	Meets specifications
3.	M/S Scientific Technical Corp.	Not quoted the item
4.	M/S Musaji Adam & Sons.	Meets specifications
5.	M/S Rays Technologies.	Not quoted the item
6.	M/S Meditron trading corp.	Meets Specifications

The meeting ended with a vote of thanks.

(Prof. Dr. Jawad Ahmed)
Convener Technical Committee
IBMS, KMU, Peshawar

Minutes of the Purchase Committee Meeting regarding Procurement of Equipment and Chemicals under the approved Project of HEC titled "Pharmacological Basic for Ethnobotanical uses of Medicinal plant of Malakand Region" held at Committee Room of Khyber Medical University, Peshawar on October 22, 2012 at 1130 hours.

The Participant Include;

- | | | |
|------|---|--------------|
| I. | Dr. Niaz Ali
Associate Professor, IBMS, KMU | in the Chair |
| II. | Mr. Wasim Riaz
Deputy Treasurer.KMU | |
| III. | Engr. Noor Shah Jehan Khattak
Project Manager, KMU | |
| IV. | Dr. Walayat Shah
Assistant Professor, IBMS, KMU | |
| V. | Dr. Sami Siraj
Assistant Professor, IBMS, KMU | |
| VI. | Mr. Zafar Qayyum
Deputy Director, P&D, KMU | |
| VII. | Hafiz Muhammad Tariq
Assistant Director (Civil), KMU | |

Subject: - **MINUTE OF THE MEETING.**

Meeting of the Purchase Committee was held on October 22, 2012 by 1130 hours at the Committee Room, Khyber Medical University, Peshawar to open the financial bids (Envelop-II) as scheduled, submitted for the procurement of Equipment & Chemicals under the approved project.

The Meeting started with recitation from the Holy Quran. Thereafter the members of the purchase committee were informed technical bids envelop-I which were opened by the purchase committee in its previous meeting were handed over to technical committee as decided in the meeting. Accordingly the technical committee has evaluated the technical bids of qualified bidders (except M/S Compact Business international and M/S Commodore Business international who could not qualify) in accordance to issued bid documents and bid for each items found responsive by the technical committee shall be taken into consideration (minutes of the technical committee were considered for the purpose).

Thereafter financial bids Envelop-II were opened; call deposits attached along with item rate for the technically qualified items were read aloud. In accordance to the issued bid documents the evaluation of rate for each item was considered. A comparative statement was prepared and lowest rates were evaluated for each item. It was decided that the comparative statement shall be made part of the minutes of the financial bid opening meeting, comparative statements are enclosed as;

Comparative Statement of Bids/item wise (Equipment)

Procurement under the research project of Pharmacological Basis for ethnobotanical uses of some Medicinal Plants of Malakand region

Ser No.	Description	Qty	Unit	M/S Pak Glorious		M/S Scitech Services Provider		M/S Sc. Tech. Corp.		M/S Rays Technologies		M/S Meditorn Trading Corp.		Lowest evaluated	
				Remarks of Tech Comtee.	Rate.	Remarks of Tech Comtee.	Rate.	Remarks of Tech Comtee.	Rate.	Remarks of Tech Comtee.	Rate.	Remarks of Tech Comtee.	Rate.	Bidder	Rate.
1	Computerized data acquisition system with transducers	01	No	Not quoted.		Not quoted.		Meet Specs. Sole distributor	3,800,000	Not quoted.		Not quoted.		M/S Sc. Tech Corp. as sole distributor	3,800,000
2	Rotary evaporator with aspirator, pump and Chiller.	01	No	Do not meet Specs.		Do not meet Specs.		Meet Specs.	997,600	Meet Specs.	1,142,600	Do not meet Specs.		M/S Sc. Tech Corp.	997,600
3	Air conditioner	01	No	Not quoted.		Not quoted.		Not quoted.		Not quoted.		Not quoted.		Local purchase recommended.	
4	Analytical Balance	01	No	Meet Specs.	1,530,000	Do not meet Specs.		Do not meet Specs.		Meet Specs.	226,200	Not quoted.		M/S Rays Tech.	226,200
5	Refrigerator	01	No	Not quoted.		Not quoted.		Meet Specs.	336,400	Meet Specs.	377,000	Not quoted.		Local purchase recommended.	
6	Magnetic stirrer	01	No	Meet Specs.	28,500	Meet Specs.	30,160	Meet Specs.	29,000	Meet Specs.	34,800	Meet Specs.	24,000	M/S Meditorn	24,000
7	Uv lamp with hood	01	No	Do not meet Specs.		Do not meet Specs.		Meet Specs.	81,200	Meet Specs.	191,400	Meet Specs.	135,000	M/S Sc. Tech Corp.	81,200
8	Heating mantle for distillation apparatus	01	No	Meet Specs.	147,000	Not quoted.		Meet Specs.	32,480	Meet Specs.	52,200	Do not meet Specs.		M/S Sc. Tech Corp.	32,480
Recommendations :		Item No. 01 shall be purchased from M/S Sc. Tech Corp being sole distributor. Item No. 03 & 05 shall be purchased from local market. Item No 02, 04, 06, 07 & 08 shall be purchased from the lowest evaluated bidders being found reasonable.													

Comparative Statement of Bids/item wise (Chemicals)

Procurement under the research project of Pharmacological Basis for ethnobotanical uses of some Medical Plants of Malakand region

Ser No.	Description	Qty	Unit	M/S Scitech Services Providers.		M/S Meditorn Trading Corp.		M/S Musaji Adam & Sons		Lowest Evaluated	
				Quoted	Evaluated	Quoted	Evaluated	Quoted	Evaluated	Bidder	Rate
1	Sodium chloride*	1.00	Kg	4988/kg	4,988.00	1600/kg	1,600.00	1300/kg	1,300.00	Musaji Adam	1,300.00
2	Potassium chloride*	1.00	Kg	7100/kg	7,100.00	1670/kg	1,670.00	1700/kg	1,700.00	Meditorn	1,670.00
3	Magnesium chloride	500.00	gm	8236/kg	8.24	2100/kg	2.10	3100/kg	3.10	Meditorn	2.10
4	Sodium di hydrogen phosphate	1.00	Kg	17980/kg	17,980.00	Nil	-	1900/kg	1,900.00	Musaji Adam	1,900.00
5	Glucose	1.00	Kg	9744/kg	9,744.00	Nil	-	1800/kg	1,800.00	Musaji Adam	1,800.00
6	Sodium carbonate	500.00	gm	11368/gm	11,368.00	2000/kg	2.00	2500/kg	2.50	Meditorn	2.00
7	Calcium chloride *	1.00	Kg	16820/kg	16,820.00	2500/kg	2,500.00	3900/kg	3,900.00	Meditorn	2,500.00
8	EDTA*	500.00	gm	6148/250gm	24.59	5000/kg	5.00	6700/kg	6.70	Meditorn	5.00
9	Magnesium sulphate	500.00	gm	7,888/kg	7.89	Nil	-	1600/kg	1.60	Musaji Adam	1.60
10	Potassium di hydrogen phosphate	500.00	gm	8584/500gm	17.17	Nil	-	2800/kg	2.80	Musaji Adam	2.80
11	Acetyl choline *	100.00	gm	12296/25gm	491.84	Nil	-	8400/25gm	336.00	Musaji Adam	336.00
12	Atropine sulphate*	100.00	gm	43848/10gm	4,384.80	3000/10gm	300.00	6015/10gm	601.50	Meditorn	300.00
13	Verapamil*	100.00	gm	100340/5gm	20,068.00	Nil	-	Nil	-	single bid	-
14	Niflumic acid*	100.00	gm	26564/10gm	2,656.40	Nil	-	Nil	-	single bid	-
15	5-hydroxy tryptamine*	100.00	gm	10788/gm	10,788.00	Nil	-	Nil	-	Scitech Svcs.	10,788.00
16	Histamine*	100.00	gm	17980/gm	17,980.00	Nil	-	10800/5gm	2,160.00	Musaji Adam	2,160.00
17	Levcromakalim*	100.00	gm	Nil	-	Nil	-	Nil	-	No rate	-
18	Nifedipine*	100.00	gm	16124/gm	16,124.00	Nil	-	Nil	-	single bid	-
19	Glibenclamide*	100.00	gm	31204/5gm	6,240.80	Nil	-	23900/25gm	956.00	Musaji Adam	956.00
20	Nor-epinephrine*	100.00	gm	Nil	-	Nil	-	29600/gm	29,600.00	single bid	-
21	Epinephrine*	100.00	gm	18444/5gm	3688.80	Nil	-	Nil	-	Scitech Svcs.	3688.80
22	Pentothal (Abbott Lab)	500.00	gm	Nil	-	Nil	-	Nil	-	No rate	-
23	Pentylentetrazole (PTZ)*	100.00	gm	13920/25gm	556.80	Nil	-	6500/5gm	1,300.00	Scitech Svcs.	556.80
24	Paracetamol*	100.00	gm	8004/100gm	80.04	Nil	-	5450/250gm	21.80	Musaji Adam	21.80
25	Diazepam*	200.00	gm	32364/100mg	323,640.00	Nil	-	Nil	-	single bid	-
26	Aspirin *	100.00	gm	12760/100gm	127.60	Nil	-	Nil	-	single bid	-
27	Nutrient agar	1.00	Kg	12876/100gm	128,760.00	22800/500gm	45,600.00	5850/500gm	11,700.00	Musaji Adam	11,700.00
28	Sabourad dextrose agar	1.00	Kg	22852/500gm	45,704.00	12500/500gm	25,000.00	5200/500gm	10,400.00	Musaji Adam	10,400.00
29	Nutrient broth	1.00	Kg	26216/500gm	52,432.00	19500/500gm	39,000.00	7150/500gm	14,300.00	Musaji Adam	14,300.00
30	DMSO	2.50	Lit	8700/2.5Lit	3,480.00	Nil	-	3900/1Lit	3,900.00	Scitech Svcs	3,480.00
31	Methanol	2.50	Lit	1624/2.5Lit	649.60	Nil	-	1200/2.5Lit	480.00	Musaji Adam	480.00
32	Chloroform	2.50	Lit	2088/2.5Lit	835.20	Nil	-	5500/2.5Lit	2,200.00	Scitech Svcs	835.20
33	Di sodium hydrogen phosphate	1.00	Kg	11136/Kg	11,136.00	Nil	-	1900/kg	1,900.00	Musaji Adam	1,900.00
34	Isoproterenol*	20.00	gm	12296/5gm	2,459.20	Nil	-	Nil	-	single bid	-

Bid evaluation report (procurement of Lab Equipment & Chemicals)
"Pharmacological Basis for Ethnobotanical Uses of Medicinal Plants of Malakand Region"

35	Oxytocin*	20.00	gm	8120/250 IU		Nil	-	Nil	-	single bid	-
36	Trichloro acetic acid	5.00	Lit	19720/500gm	39,440.00	Nil	-	4700/1Lit	4,700.00	Musaji Adam	4,700.00
37	Barium chloride(sigma)	200.00	gm	3828/100gm	38.28	2000/200gm	10.00	3400/1kg	3.40	Musaji Adam	3.40
38	PropranololHCl*	200.00	gm	28884/5gm	5,776.80	Nil	-	14900/5gm	2,980.00	Musaji Adam	2,980.00
39	Amlodipine HCl*	200.00	gm	49532/10gm	4,953.20	Nil	-	Nil	-	single bid	-
40	Methoxamine *	100.00	gm	50228/500mg	100,456.00	Nil	-	Nil	-	single bid	-
41	5- hydroxytryptamine	200.00	gm	42456/100mg	424,560.00	Nil	-	Nil	-	single bid	-
42	Carbachol *	200.00	gm	18444/gm	18,444.00	Nil	-	8100/1gm	8,100.00	Musaji Adam	8,100.00
43	Potassium dihydrogenphosphate	1.00	Kg	105560/10gm	10,556,000	Nil	-	2800/kg	2,800.00	Musaji Adam	2,800.00
44	Magnissiumsulphate	1.00	Kg	7888/kg	7,888.00	2420/kg	2,420.00	1600/kg	1,600.00	Musaji Adam	1,600.00
45	Phentolamine *	200.00	gm	38396/100mg	383,960.00	Nil	-	Nil	-	single bid	-
46	Nicotine hydrochloride	100.00	gm	48836/10mg	4,883,600	Nil	-	Nil	-	single bid	-
47	Pentamidine hydrochloride*	100.00	gm	14384/100mg	143,840.00	Nil	-	Nil	-	single bid	-
48	Nifedipine hydrochloride*	100.00	gm	Nil	-	Nil	-	Nil	-	No rate	-
49	Dicyclomine*	100.00	gm	16240/5gm	3,248.00	Nil	-	Nil	-	Scitech Svcs.	3,248.00
50	Acetyl salicylic acid*	200.00	gm	6032/100gm	60.32	Nil	-	2100/500gm	4.20	Musaji Adam	4.20
51	Cimetidine hydrochloride*	100.00	gm	13108/gm	13,108.00	Nil	-	Nil	-	single bid	-
52	Mepyramine*	100.00	gm	13340/5gm	2,668.00	Nil	-	2100/2.5Lit	0.84	Musaji Adam	0.84
53	Acetic acid*	200.00	gm	1972/2.5Lit	0.79	1100/500gm	2.20	2100/2.5Lit	0.84	Scitech Svcs	0.79
54	Pyrilamine hydrochloride*	200.00	gm	Nil	-	Nil	-	Nil	-	No rate	-
55	Cromakalim *	100.00	gm	56956/10mg	5,695,600	Nil	-	Nil	-	single bid	-
56	LevamisoleHCl*	100.00	gm	13804/250mg	55,216.00	Nil	-	Nil	-	single bid	-
57	Daizepam*	100.00	gm	32364/100mg	323,640.00	Nil	-	Nil	-	single bid	-
58	tetraethylamonium*	100.00	gm	24128/100gm	241.28	Nil	-	5600/5gm	1,120.00	Scitech Svcs	241.28
59	Calyculin*	100.00	gm	79460/10 Ug		Nil	-	Nil	-	single bid	-
60	PhenyephineHCl*	100.00	gm	Nil	-	Nil	-	Nil	-	No rate	-
61	NG-nitro-L-arginine methyl ester (L-NAME)*	100.00	gm	35032/5gm	7,006.40	Nil	-	Nil	-	Scitech Svcs	7,006.40
62	Sulfanilamide*	100.00	gm	13688/100gm	136.88	1670/25gm	66.80	2400/gm	2,400.00	Meditorn	66.80
63	Naphthylethylenediamine*	100.00	gm	42572/25gm	1,702.88	Nil	-	9400/10gm	940.00	Musaji Adam	940.00
64	Niflumic acid*	100.00	gm	26564/10gm	2,656.40	Nil	-	Nil	-	single bid	-
65	Sodium bicarbonate	1.00	Kg	5916/kg	5,916.00	Nil	-	1400/kg	1,400.00	Musaji Adam	1,400.00
Item 15, 49 and 61 was agreed to be procured on single bid. All the rates are found reasonable and recommended to be approved by KMU authority.											

Comparative Statement of Bids/item wise (Consumable/Misc.)

Procurement under the research project of Pharmacological Basis for ethnobotanical uses of some Medical Plants of Malakand region

Ser No.	Description	Qty	Unit	M/S Scitech Services Providers.		M/S Meditorn Trading Corp.		M/S Musaji Adam & Sons		Lowest Evaluated	
				Quoted	Evaluated	Quoted	Evaluated	Quoted	Evaluated	Bidder	Rate
1	Flesh silica	3.00	Kg	Nil	-	Nil	-	8500/kg	8,500	single bid	-
2	Column silica	5.00	Kg	Nil	-	Nil	-	6700/kg	6,700	single bid	-
3	Animal food for rats, mice , rabbits etc.	40.00	Kg	Nil	-	Nil	-	Nil	-	No rate	-
4	Cages for rats, mice, of standard sizes	06	No	Nil	-	Nil	-	Nil	-	No rate	-
	Recommendations:	The above mentioned items shall be purchased from open market (i-e local purchase) on need basis.									

Comparative Statement of Bids/item wise (Commercial Grade Chemicals)

Procurement under the research project of Pharmacological Basis for ethnobotanical uses of some Medical Plants of Malakand region

Ser No.	Description	Qty	Unit	M/S Scitech Services Providers.		M/S Meditorn Trading Corp.		M/S Musaji Adam & Sons		Lowest Evaluated	
				Quoted	Evaluated	Quoted	Evaluated	Quoted	Evaluated	Bidder	Rate
1	Dichlomethane	100	Lit	61000/100Lit	610	2000/Lit	2000	44312/200Lit	221.56	Musaji Adam	221.56
2	Chloroform	100	Lit	31000/100kg	310	500/Lit	500	62640/300kg	208.80	Musaji Adam	208.80
3	n-Butanol	100	Lit	63000/100Lit	630	330/Lit	330	81664/160kg	510.40	Meditorn	330.00
4	n- hexane	100	Lit	55000/100kg	550	330/Lit	330	78880/200Lit	394.40	Meditorn	330.00
5	Ethyl acetate	100	Lit	46000/100Lit	460	330/Lit	330	65772/180Lit	365.40	Meditorn	330.00
6	Methanol	500	Lit	87500/500Lit	175	21500/200Lit	107.50	29580/200Lit	147.90	Meditorn	107.50
7	Benzene	50	Lit	37500/50Lit	750	Nil	-	Nil	-	single bid	-
8	toluene	50	Lit	31250/50Lit	625	1350/Lit	1350	79344/180kg	440.80	Musaji Adam	440.80
9	n- heptanes	200	Lit	Nil	-	1350/Lit	1350	Nil	-	single bid	-
10	Ethanol	100	Lit	45000/100Lit	450	Nil	-	111360/200Lit	556.80	Scitech Svcs.	450.00
11	Acetone	50	Lit	31250/50Lit	625	660/Lit	660	61480/160kg	384.25	Musaji Adam	384.25
12	Propanol	50	Lit	26000/50Lit	520	Nil	-	Nil	-	single bid	-
	Items twelve only.										

The bids documents Envelop-II were also examined and found in order; in accordance to the bid requirement, further readout/attached call deposits were found as;

Ser.	Bidder's Name	CDR details
1.	M/S Pak Glorious Enterprises	Summit Bank (CDR No 50600628 Dated 09-10-2012 Rs. 23,500/-)
2.	M/S SciTech Services Provider	Bank Al Habib Limited Dated 09-10-2012 No 0218552 Rs. 10290/- No 0218553 Rs. 15115/- No 0218554 Rs. 25916/-
3.	M/S Scientific Technical Corporation	United Bank (CDR 2586469 Rs. 108960/- Date 04-10-2012)
4.	M/S Musaji Adam & Sons	MCB Bank LTD (CDR 502778 Rs. 20,000/- Date 09-10-2012)
5.	M/S Rays Technology	BANK ALFALAH No 085259 Rs. 25484/- Dated 05-10-12 No 0596892 Rs. 15,000/- Date 09-10-2012
6.	M/S Meditron Trading Corporation	United Bank (CDR 2685241 Rs. 55078/- Date 10-10-2012)

It was jointly decided that approval of the competent authority shall be accorded before issuance of acceptance letters to the lowest evaluated bidders/items.

The meeting adjourned with a vote of thanks.

(Dr. Niaz ali)
Convener Purchase Committee
 IBMS, KMU, Peshawar

Final Adjusted Quantities (Chemicals)							
BQ Ser	Description	Qty	Unit	Lowest Evaluated			Amount
				Bidder	Quoted rate	Evaluated Rate	
1	Sodium chloride*	1.00	Kg	Musaji Adam	1300/kg	1,300.00	1,300
2	Potassium chloride*	1.00	Kg	Meditorn	1670/kg	1,670.00	1,670
3	Magnesium chloride	1000.00	gm	Meditorn	2100/kg	2.10	2,100
4	Sodium di hydrogen phosphate	1.00	Kg	Musaji Adam	1900/kg	1,900.00	1,900
5	Glucose	1.00	Kg	Musaji Adam	1800/kg	1,800.00	1,800
6	Sodium carbonate	500.00	gm	Meditorn	2000/kg	2.00	1,000
7	Calcium chloride *	1.00	Kg	Meditorn	2500/kg	2,500.00	2,500
8	EDTA*	500.00	gm	Meditorn	5000/kg	5.00	2,500
9	Magnesium sulphate	500.00	gm	Musaji Adam	1600/kg	1.60	800
10	Potassium di hydrogen phosphate	500.00	gm	Musaji Adam	2800/kg	2.80	1,400
15	5-hydroxy tryptamine*	1.00	gm	Scitech Svcs	10788/gm	10,788.00	10,788
30	DMSO	2.50	Lit	Scitech Svcs	8700/2.5Lit	3,480.00	8,700
31	Methanol	2.50	Lit	Musaji Adam	1200/2.5Lit	480.00	1,200
32	Chloroform	2.50	Lit	Scitech Svcs	2088/2.5Lit	835.20	2,088
33	Di sodium hydrogen phosphate	1.00	Kg	Musaji Adam	1900/kg	1,900.00	1,900
42	Carbachol *	5.00	gm	Musaji Adam	8100/1gm	8,100.00	40,500
49	Dicyclomine*	5.00	gm	Scitech Svcs	16240/5gm	3,248.00	16,240
52	Mepyramine*	2500.00	ml	Musaji Adam	2100/2.5Lit	0.84	2,100
53	Acetic acid*	2500.00	ml	Scitech Svcs	1972/2.5Lit	0.79	1,972
61	NG-nitro-L-arginine methyl ester (L-NAME)*	5.00	gm	Scitech Svcs	35032/5gm	7,006.40	35,032
63	Naphthylethylenediamine*	10.00	gm	Musaji Adam	9400/10gm	940.00	9,400
65	Sodium bicarbonate	1.00	Kg	Musaji Adam	1400/kg	1,400.00	1,400
						Total Rs.	148,290

Final Adjusted Quantities (Commercial Grade Chemicals)							
BQ Ser.	Description	Qty	Unit	Lowest Evaluated			Amount
				Bidder	Quoted rate	Evaluated Rate	
2	Chloroform	10	Lit	Musaji Adam	62640/300kg	208.80	2,088
3	n-Butanol	10	Lit	Meditorn	330/Lit	330.00	3,300
4	n- hexane	10	Lit	Meditorn	330/Lit	330.00	3,300
5	Ethyl acetate	10	Lit	Meditorn	330/Lit	330.00	3,300
6	Methanol	15	Lit	Meditorn	21500/200Lit	107.50	1,613
10	Ethanol	5	Lit	Scitech Svcs.	45000/100Lit	450.00	2,250
	Items twelve only.					Total Rs.	15,851
						Total Rs.	164,141

Conclusion:

This comprehensive consolidated report is prepared in light of procurement manual of planning commission of Pakistan whereby all the minutes recorded and relevant pages of project and bid are made part.

Reference;

1. Bid documents of and evaluation report 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”.