



UNIVERSITY COLLEGE OF NURSING

Reference No. 438 /UCON

Date: 25-10-2023

**OPENING OF TECHNICAL- QUOTATION OF THE TENDER B/ FOR THE PURCHASE OF LAB EQUIPMENT FOR UNIVERSITY COLLEGE OF NURSING OPENED ON 11<sup>TH</sup> OCT, 2023**

Is is stated that, tender for the purchase of Lab Equipments for the department of university college of nursing, technical quotation was opened in the meeting of Scientific Material and Purchase Committee held on 11-10-2023. Departmental purchase committee meeting held on 12-10-2023, passed the technical features of the equipments. Description of the equipments are as follows,

S#	Description of Quoted Items	Remarks
01	<p><b>Patient Care Manikin</b> <b>Qty: 01</b></p> <p><b>Model No: 1018816</b></p> <p><b>Make &amp; Brand: 3B Scientific</b></p> <p><b>Country of Origin: Germany</b></p> <p><b>Technical Features:</b></p> <p>Patient Care Manikin PRO for simulation in healthcare was developed for scenario based training of patient care and advanced nursing skills.</p> <p>The patient care manikin simulates an adult, life-size patient, with interchangeable genitals. It can be positioned like a real patient with natural movement of the arms, legs, and joints. You can even make the patient care manikin sit upright in the bed for treatments. It is made of durable, unbreakable, and water-resistant plastics for longevity in the everyday training use.</p> <p>The following clinical nursing and patient care skills and competencies can be trained and evaluated:</p> <p><b>Patient and personal care:</b></p> <ul style="list-style-type: none"><li>• Transfer skills: lifting, carrying, and moving a patient</li><li>• Bed care of a patient</li><li>• Position changing and alignment of a patient</li><li>• Bathing a patient (genital care)</li><li>• Hair care (washing, combing, drying)</li><li>• Care and cleaning of eyes, ears and nose</li><li>• Personal hygiene and mouth denture care (partially removable prosthesis)</li></ul>	OK

*Q. Khan*

*Q. Khan*

*Q. Khan*

- Bandaging (includes amputation stump)
- Wound treatment and care (surgical staple seam, laceration and abrasions)
- Communication skills, especially step by step explanation of care measures

**Medical care:**

- Prevention of bedsores (Decubitus)
- Decubitus evaluation (stages 2-4)
- Decubitus care
- Prevention of muscle cramps
- Prevention of pneumonia
- Prevention of blood clots (Thromboses)
- Prevention of healthcare associated infection (HAI) by measures of medical asepsis and clean techniques
- Inhalation therapy
- Oxygen inhalation
- Use of ventilation bag (mouth to mouth and mouth to nose)
- Artificial respiration, oxygen treatment
- Care of tracheostomy
- Care of Diabetic Foot Syndrome (DFS)
- Ostomy care (colostomy)
- Irrigation of eyes and ears
- Intramuscular injections (buttocks)
- Subcutaneous injections (upper arms and thighs)
- Subcutaneous infusions

The PRO version includes removable organs for these additional patient care training features:

- Enema administration
- Male catheterization CH14
- Female catheterization CH 14
- Gastric (stomach) lavage
- Intestinal irrigation
- Irrigation of the bladder
- Irrigation of the vagina

**Delivery Contents:**

Organs (lungs, heart, stomach, bladder and intestinal section), injection pads (upper arm, thigh, and buttocks), intestine tube, catheter, duodenal probe, talcum powder, Vaseline, lubricant, amputation stump, inserts with wound depictions (upper arm and thigh), and tools for fitting.

Member 1:

Member 2:

Farhan Mukhtar

Principal  
University College of Nursing  
The Islamia University of Bahawalpur.

**Treasurer:**





UNIVERSITY COLLEGE OF NURSING

Reference No. 440/UCON

Date: 25-10-2023

**OPENING OF TECHNICAL- QUOTATION OF THE TENDER C/ FOR THE PURCHASE OF LAB EQUIPMENT FOR UNIVERSITY COLLEGE OF NURSING OPENED ON 11<sup>TH</sup> OCT, 2023**

Is is stated that, tender for the purchase of Lab Equipments for the department of university college of nursing, technical quotation was opened in the meeting of Scientific Material and Purchase Committee held on 11-10-2023. Departmental purchase committee meeting held on 12-10-2023, passed the technical features of the equipments. Descriptions of the equipments are as follows,

S#	Description of Quoted Items	Remarks
01	<p><b>Adult Airway Management Trainer with Stand</b></p> <p><b>Qty: 01</b></p> <p><b>Model No:1019249</b></p> <p><b>Make &amp; Brand: 3B Scientific, Germany</b></p> <p><b>Country of Origin: Germany</b></p> <p><b>Technical Features:</b></p> <p>Airway Management Trainer is durable, rugged, one-piece construction and bifurcated lungs. Its head is mounted on a sturdy stand. It offers tongue swelling and laryngospasm.</p> <p>This airway management trainer simulates a non-anesthetized patient for practicing</p> <ul style="list-style-type: none"><li>• Intubation</li><li>• Ventilation</li><li>• suction techniques</li><li>• Realistic anatomy and landmarks include teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false cords, true vocal cords, trachea, lungs, esophagus, and stomach.</li><li>• To practice oral, digital, and nasal intubation, as well as E.T., E.O.A., P.T.L., L.M.A., E.G.T.A., combitube, and KING System insertion.</li></ul> <p>Applying pressure to the cricoid cartilage changes the position of the trachea and closes the esophagus, allowing realistic practice of the Sellick maneuver. With its slightly anterior position, swelling tongue, and vocal cords, this Airway management is a great trainer for introductory as well as advanced training. Suction techniques and proper cuff inflation may also be practiced</p>	OK

(F)

*[Signature]*

*[Signature]*

	<p>and evaluated.</p> <p><b>Includes:</b></p> <p>Pump spray lubricant and hard carrying case.</p>	
02	<p><b>AED Trainer</b></p> <p><b>QTY: 01</b></p> <p><b>Model No: 94005033</b></p> <p><b>Make &amp; Brand: Laerdal Medical</b></p> <p><b>Origin: Norway</b></p> <p><b>Technical Features:</b></p> <p>AED Trainer should contain following features:</p> <ul style="list-style-type: none"> <li>• AHA Guidelines compliant</li> <li>• Educationally effective, offers all the essential features necessary for learning appropriate AED use and techniques</li> <li>• Flexible configuration of the device through a scenario builder program that allows the additional creation of custom training scenarios</li> <li>• Cost-effective operation through use of C-cell batteries</li> <li>• At-least Ten pre-configured sudden cardiac arrest scenarios compatible with training programs developed by internationally recognized responder programs</li> </ul> <p>Remote control (optional) for manual scenario selection pause/resume function, AED Trainer 2 volume control, motion artifact, low battery or replace battery, loose electrodes connection, shockable or no shockable rhythms</p>	OK
03	<p><b>Family Pack of Quality CPR Manikin (Adult, Child &amp; Infant)</b></p> <p><b>Qty: 01</b></p> <p><b>Model No: 136-01050</b></p> <p><b>Make &amp; Brand: Laerdal Medical</b></p> <p><b>Origin: Norway</b></p> <p><b>Technical Features:</b></p>	OK

(FY)

2/2

Q  
Khr



Family QCPR Pack of Manikins comes the standardized Adult, Child & Infant sized CPR Torso, providing feedback based on just watching students perform can be challenging for instructors.

QCPR measurement and feedback technology that takes the guesswork out of instruction – all from the palm of your hand.

Manikins work with an QCPR Training app that allows to monitor and connects up to six Manikins at once, students can monitor their own performance on their own feedback device (iOS / Android)

#### **Airway Feature**

- Realistic chest rises and fall
- Jaw thrust maneuver (movable jaw)
- Airway closes when neck is under-extended
- Nasal passages open for nose pinch

#### **CPR**

- Correct Anatomical Landmarks
- Compression feedback from clicker device
- Compression measurement feedback on any iOS / Android device
- Ventilation measurement feedback on any iOS / Android device
- Mouth-to-Mouth ventilations
- Chest compression
- Head tilt/Chin lift maneuver
- Ventilations with visible chest rise
- Bag Valve Mask ventilations

#### **Simulation Administration**

- Software application connectivity for feedback through any iOS / Android device
- Real-time feedback on compressions and ventilations A performance summary with an overall score and improvement suggestion

Details on compression release, depth and rate, ventilation volume, and number of compressions/ventilations/cycles

**04 Nurse Training Baby, New Born**

**Qty:01**

**Model No: 1000505**

**Make & Brand: 3B Scientific**

**Origin: Germany**

**Technical Features:**

**OK**

(F)

Handwritten signature

Handwritten signature

This advanced and incredibly realistic model with male and female features includes:

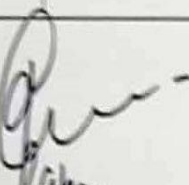
- Internal organs (heart, lung, intestine system, stomach, and bladder)
- Removable belly covering
- Interchangeable genital organs
- Soft ears
- Fully movable head, arms and legs

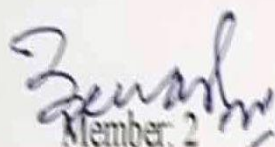
It allows trainees to practice both basic and medical infant care such as:

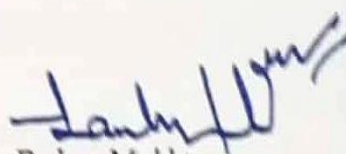
- Tracheotomy care
- Male and female catheterization
- Insertion of a tube into mouth or nose
- Enema insertion
- Femoral, gluteal intramuscular and subcutaneous injections
- Palpitation of fontanel

**Includes:**

Accessories include syringe, suction catheter, feeding tube, urinary catheter, urine collection bag, catheter lubricant and carrying bag.

  
Member 1:

  
Member 2:

  
Farhan Mukhtar

Principal  
University College of Nursing  
The Islamia University of Bahawalpur.

Treasurer:





The Islamia University of Bahawalpur  
Faculty of Veterinary & Animal Sciences  
Department of Parasitology

Ph No: +92 62 9255567, E-mail: [parasitology@iub.edu.pk](mailto:parasitology@iub.edu.pk)



No. PARA-5/2023-164

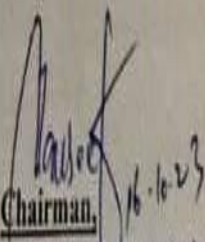
Dated: 16.10.2023

**Technical Quotation of Tender for the purchase of Equipment in a HEC-NRPU Research Project No. 15618 at Department of Parasitology, Faculty of Veterinary & Animals Sciences (Opened on 11-10-2023)**

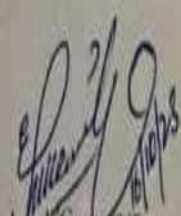
It is stated that a Tender No. IPB-633 (D) was floated by The Islamia University of Bahawalpur for the procurement for Equipment on 24-09-2023, in a HEC-NRPU Research Project No. 15618 of Department of Parasitology FV&AS, IUB. The scientific material purchase committee (SMPC), IUB in its meeting held on 11-10-2023 opened the technical proposals. The Departmental purchase committee of Department of Parasitology, FV&AS in its meeting held on 16-10-2023 evaluated the technical proposals. The recommendations of the committee are as under:

Sr. No.	Item Names and Specifications	Supplier	Model / Make	Status	Remarks
1	<b>NANODROP SPECTROPHOTOMETER:</b> Sample Size: 1 microliter; Path Length: 1 mm (with auto-ranging to 0.2 mm); <b>Light Source:</b> Xenon flash lamp; <b>Detector Type:</b> 2048-element linear silicon CCD array; <b>Wavelength Range:</b> 220-750 nm; <b>Wavelength Accuracy:</b> 1 nm; <b>Wavelength Resolution:</b> 3 nm (FWHM at Hg 546 nm); <b>Absorbance Precision:</b> 0.003 absorbance (1 mm path); <b>Absorbance Accuracy:</b> 2% (at 0.76 absorbance at 257 nm); <b>Absorbance Range:</b> 0.02-75 (10 mm equivalent absorbance); <b>Detection Limit:</b> 2 ng/microliter (dsDNA); <b>Maximum Concentration:</b> 3700 ng/microliter (dsDNA); <b>Measurement Cycle Time:</b> 10 seconds; <b>Dimensions:</b> 14 cm X 20 cm; <b>Weight:</b> 1.6 kg; <b>Sample Pedestal Material of Construction:</b> 303 stainless steel and quartz fiber; <b>Operating Voltage:</b> 12 Vdc; <b>Operating Power Consumption:</b> 6 W; <b>Standby Power Consumption:</b> 1.5 W; <b>CE Approval:</b> Units sold in Europe, Australia and New Zealand; <b>UL/CSA Approval:</b> Units sold in N. America, S. America, Asia and Africa; <b>Included in system:</b> software, compatible with Windows 2000 or XP; with compatible laptop; complete staff training and installation. Brand Origin: USA, UK, EUROPE.	SAHAAB INTERNATIONAL (PVT.) LTD	Model: MBK-C100 Medallion Equipment UK	Rejected	1. The specifications of the bidder don't meet the specifications of the tender.

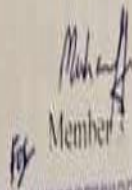
2	<p><b>TRANSBLOT MACHINE:</b></p> <p>Use the Mini Trans-Blot Cell for rapid blotting of Mini-PROTEAN precast and handcast gels. This stand-alone unit provides: Use the Mini Trans-Blot Cell for rapid blotting of Mini-PROTEAN precast and handcast gels. This stand-alone unit provides:</p> <ul style="list-style-type: none"> <li>• Transfer of two 10 x 7.5 cm gels in just 1 hr</li> <li>• Longer and overnight transfers at lower voltages</li> <li>• Color-coded cassettes and electrodes that ensure proper orientation of the gel during transfer Wire electrodes positioned 4 cm apart</li> <li>• A blue cooling unit completely contained within the Mini Trans-Blot Cell</li> </ul> <p><b>Packaging Options:</b></p> <p><b>Dimensions (W×H×D):</b>260x230x190mm; <b>Weight:</b> 1kg; Included with power supply having output voltage: 6-600V (Resolving power: 0.1V); <b>Output current:</b> 4-600mA (Resolving power: 0.1mA). Complete staff training and installation; Brand origin: USA, UK, EUORPE.</p>	No participant	No participant	N/A	No participant
---	--	----------------	----------------	-----	----------------

  
 Chairman,  
 Department of Parasitology  
 CHAIRMAN  
 Department of Parasitology  
 Faculty of Veterinary & Animal Sciences  
 The Islamia University of Bahawalpur

Signature of Departmental purchase committee

  
 Member / Convener  
**Dr. Muhammad Ehsan**  
 Assistant Professor  
 Department of Parasitology  
 Faculty of Veterinary and Animal Sciences  
 The Islamia University of Bahawalpur

  
 Member  
**DR. TAUSEEF UR REHMAN**  
 CHAIRMAN  
 Department of Parasitology  
 Faculty of Veterinary & Animal Sciences  
 The Islamia University of Bahawalpur

  
 Member  
 ASSISTANT PROFESSOR  
 Department of Parasitology  
 Faculty of Veterinary & Animal Sciences  
 The Islamia University of Bahawalpur



