



# SHAHEED ZULFIQAR ALI BHUTTO MEDICAL UNIVERSITY

F.36/SZABMU/2024/TENDER-NO. 36

Dated: 12-08-2024

## TENDER NOTICE

Shaheed Zulfiqar Ali Bhutto Medical University (SZABMU) Islamabad invites **SINGLE STAGE TWO ENVELOPE BIDS** under PPRA Rules 2004 from well reputed firms registered with Income Tax and Sales Tax Departments and who are on Active Tax Payer List (ATL) of Federal Board of Revenue for supply of following **SCIENTIFIC EQUIPMENT**:

S#	ITEM NAME
01	MEDICINES
02	MEDICAL DEVICES /EQUIPMENT/INSTRUMENTS
03	BIOSAFETY CABINET
04	DATA LOGGER FOR TEMPERATURE MONITORING
05	UPS/BATTERIES/AIR CONDITIONER
06	FIRE ALARM/EXTINGUISHER/CCTV CAMERA
07	MEDICATED REFRIGERATORS AND FREEZERS

Bidding documents containing detailed specifications & terms and conditions etc. are available at Purchase Office, SZABMU. Interested/eligible suppliers are requested to submit their sealed bids containing the following:

1. Name of Business, Registered office, NTN, GST number and Experience.
2. Price should be in PKR.
3. Rates are to be quoted inclusive of all taxes.
4. 2% earnest money in shape of Pay Order/CDR in favor of Shaheed Zulfiqar Ali Bhutto Medical University will be submitted with the financial bid.
5. Tender Documents can be received during office hours from the Purchase Office against the payment of **Rs1,000/-** in shape of **Pay Order** in favor of Shaheed Zulfiqar Ali Bhutto Medical University.
6. Tender documents can be received from Purchase Office, 5th Floor, School of Dentistry, Shaheed Zulfiqar Ali Bhutto Medical University, Ravi Road, G-8/3, Islamabad on **02-09-2024** during office hours.
7. Bids can be submitted till **03-09-2024 at 11:00AM** and Technical Bids will be opened on the same day at **11:30AM**

(PURCHASE OFFICER)

5<sup>th</sup> Floor, School of Dentistry, Shaheed Zulfiqar Ali Bhutto  
Medical University, G-8/3, Islamabad

Tel: 051-9107741

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# SHAHEED ZULFIQAR ALI BHUTTO MEDICAL UNIVERSITY

F-36/SZABMU/2024-TENDER-NO. 36

Dated: 12-08-2024

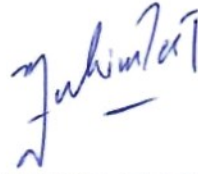
## PROCUREMENT OF MEDICINES/MEDICAL DEVICES, EQUIPMENT, INSTRUMENTS/ BIOSAFETY CABINET/DATA LOGGER/UPS/ BATTERIES/ CCTV/FIRE ALARM/MEDICATED REGRIGRATORS & FREEZERS FOR CLINICAL TRIAL UNIT PROJECT, SZABMU

SZABMU invites bids for supply of the items attached with these terms and conditions: -  
(SINGLE STAGE TWO ENVELOPE BIDDING)

- a) Technical Offer: It shall contain all relevant specifications along with essential literature / brochure in duplicate in a separate envelope and clearly marked "**Technical Offer without Prices**", tender number and date of opening.
- b) Financial Proposal filled and duly signed in a separate sealed envelope clearly marked on the face "**Financial Proposal with Prices**", tender number.
  1. Sealed tenders/Bids are invited from firms/suppliers/authorized agents of repute, registered with Sales Tax department and having NTN.
  2. The bids under single envelope are required to be delivered at Purchase Office, 5<sup>th</sup> Floor, School of Dentistry, Shaheed Zulfiqar Ali Bhutto Medical University, Ravi Road, Sector G-8/3, Islamabad latest by **11:00AM** on **03-09-2024**. Tenders will be opened on same date at **11:30AM** in the presence of bidders who desire to attend. The quotations received late (after opening the tender) will not be considered. Cutting/over writing is not allowed.
  3. Sealed tenders addressed to the Purchase Officer, 5<sup>th</sup> Floor, School of Dentistry, Shaheed Zulfiqar Ali Bhutto Medical University, Ravi Road, Sector G-8/3, Islamabad may be dropped in the tender box or mailed through courier, registered post; but it must be ensured that the same reaches our office well in time as late offers will not be considered. The envelopes should be marked clearly with the following information.
  4. **RATES:** The bidder should quote their rates for: -
    - i. DDP/Free Delivery SZABMU inclusive of all Govt. taxes. Details of such taxes to be provided.
    - ii. The bidder should indicate their NTN No. & Sales Tax registration number.
    - iii. Items must be quoted as per user requirements. Before submitting any offer, bidder must consult the concerned user regarding any query/specifications. No change in the offer will be accepted later on.
    - iv. Offer shall be made as per our demanded specs or equivalent.
  5. **BID SECURITY:** Technical offer must be accompanying with **02%** of total bid value in the form of pay order/call deposit/Demand draft in favor of Shaheed Zulfiqar Ali Bhutto Medical University, Islamabad. No offer will be entertained without bid security. The Bid Security will finally be adjusted/refunded on completion of the contract. At any stage if the purchaser feels that the bidder has provided wrong information, the bid security will be forfeited.
  6. **DELIVERY:** Items may be delivered within **30 days** after issuance of Purchase Order. Delivery of the ordered items at the Shaheed Zulfiqar Ali Bhutto Medical University, Islamabad premises will be the **Supplier's** responsibility. Receipt of incomplete supplies or delay in services will render the supply order liable to be levied with liquidated damages and 0.25 % of the amount will be deducted from the number of days.
  7. **INSPECTION:** The inspection shall be carried out at SZABMU by SZABMU technical committee and the inspection report (findings) will be binding on you.
  8. **QUANTITY:** SZABMU may increase or decrease the number of quantity
  9. **TAXES:**
    - i. GST/CED will be paid by the **PURCHASER** to the **SUPPLIER'S** on production of a separately numbered 'Tax Invoice' showing the amount of sales tax and other details under section 23 of Sales Tax Act-1990.
    - ii. Income tax will be deducted as per rule.
    - iii. Any change in taxes/duties levied by Govt. after opening of bids will be on account of bidder. No change in offer will be accepted later on.
  10. **PAYMENT:** All payments will be made through crossed cheques in favor of the **SUPPLIER** in Pak Rupees. The payment mode will be "**100 % Payment after Delivery**" after satisfactory performance in every aspect and inspection.
  11. **LATE OFFERS:** The quotations received late (after opening the tender) will not be considered. Cutting/ over writing is not allowed.
  12. Bids will be evaluated in a manner that the items will bring "value for money" to the organization. Offers with lower specifications than demanded specs will be liable for rejection.
  13. Conditional bids may be liable for rejection.
  14. A "**Certificate**" that firm has never been black listed which will be submitted on stamp paper of valuing **Rs20/- with technical bid.**
  15. **FAILURE & TERMINATION:** In case the supplier / contractor failed to deliver the stores within specified delivery period, SZABMU shall have the following options: -
    - i. To recover liquidated damages @ 2% of total purchase order value per month or part thereof will be imposed.

**SHAHEED ZULFIQAR ALI BHUTTO**  
**MEDICAL UNIVERSITY**

- ii. The maximum limit of liquidated damages will not exceed 10% of contact value. Such damages shall be recovered from the bills. Earnest money and or by withholding any amount due to be paid against this or any other purchase order.
- iii. To purchase from elsewhere, without notice to you but at your risk and cost, the stores not delivered within the stipulated period and to recover excess value so paid by us from your bills or from your security and or to cancel the contract at your risk and cost.
17. **BLACKLISTING:** If the bidder/supplier offered wrong/fake information in bid or failed to execute order as per laid down terms and conditions in the tender/order or the performance is not satisfactory or are found to be indulging in corrupt or fraudulent practices, the action of blacklisting of firm/supplier/contractor will be taken as per PPRA rule 19. In case of any dispute, the case will be referred to the Vice Chancellor (SZABMU), whose decision will be final.
18. SZABMU reserves the rights to accept or reject any or all tenders as a whole or in part as per PPRA Rule 33 (1). The decision in this regard will be firm, final and binding on all bidders.



**PURCHASE OFFICER  
SZABMU**



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MEDICAL UNIVERSITY**

**CLINICAL TRIAL UNIT, SZABMU  
TENDER SPECIFICATIONS**

**MEDICINES With an expiry of Minimum of 2 years.**

Sr. #	ITEM NAME	SPECIFICATIONS	COMPANY/ MANUFACTURER	REQUIRED QTY.
1.	Adrenaline	1 mg/ml (Epinephrine), 1 ml ampoule,	Elite Pharma or Equivalent	3 Packs (100 Ampules/Pack)
2.	Amlodipine	5 mg tablets	Pfizer or Equivalent	3 Pack (30 Tablets/Pack)
3.	Amlodipine	10 mg tablets	Pfizer or Equivalent	3 Packs (30 Tablets /Pack)
4.	Aspirin	100 mg tablets	Reckitt Benckiser or Equivalent	3 Packs (30 Tablets /Pack)
5.	Aspirin	300 mg tablets	Reckitt Benckiser or Equivalent	3 Packs (10 strips/Pack)
6.	Atropine	0.5 mg ampoule	Elite pharma or Equivalent	3 Packs (100 ampules/Pack)
7.	Atropine	1 mg ampoule	Elite pharma or Equivalent	3 Packs (100 ampules/Pack)
8.	Calcium gluconate 10%	10 ml ampoule	Global pharmaceuticals or Equivalent	3 Pack (50 ampules/Pack)
9.	Furosemide	20 mg tablets	Sanofi or Equivalent	3 Pack (100 tablets/Pack)
10.	Hydrocortisone	100 mg/ml	Pfizer or Equivalent	100 Pack (1 Vial /Pack)
11.	Hydrocortisone	200 mg/2 ml vial	Pfizer or Equivalent	100 Pack (1 Vial /Pack)
12.	Midazolam	1 mg/ml, 5 ml ampoule	Roche or Equivalent	10 Packs (5 ampules/Pack)
13.	Diazepam	5 mg/ml, 2 ml ampoule	Roche or Equivalent	10 Packs (5 ampules/Pack)
14.	Ipratropium	0.25 mg/2 ml vial	Chiesi pharmaceuticals or Equivalent	5 Pack each (10 Vial /Pack)
15.	Ipratropium	0.5 mg/2 ml unit dose vial for nebulization	Chiesi pharmaceuticals or Equivalent	5 Pack each (10 Vial /Pack)
16.	Lidocaine/Lignocaine IM	2% 20 ml vial	Bosch Pharmaceuticals (Pvt.) Ltd. or Equivalent	3 Packs (50 ampules/Pack)
17.	Magnesium sulphate 50%	1 g/2 ml ampoule	Zafa Pharmaceuticals or Equivalent	10 Pack (5 ampules/Pack)
18.	Nifedipine	10 mg Capsules	Zafa Pharmaceuticals or Equivalent	3 Packs (30 capsules/Pack)
19.	Nifedipine	30 mg tablets	Zafa Pharmaceuticals or Equivalent	3 Packs (20 tablets/Pack)
20.	Prednisone	5 mg tablets	Pfizer or Equivalent	3 Pack (100 tablets /Pack)
21.	Promethazine	25 mg/2 ml ampoule	Lahore Chemical & Pharmaceutical works (Pvt.) Ltd. or Equivalent	3 Packs (50 ampules/Pack)
22.	Dobutamine	250mg/5ml ampule	Siza International or Equivalent	3 Packs (25 ampules/Pack)
23.	Salbutamol 0.5%	20 ml nebulizing solution	Gsk or Equivalent	50 Packs (01 units/Pack)



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24.	Salbutamol 0.5%	5 mg/2.5 ml Unit dose vials for nebulization	Gsk or Equivalent	50 Packs (01 units/Pack)
25.	Thiamine	100 mg/ml 10 ml vial	Abbott or Equivalent	3 Pack (25 vials/Pack)
26.	Xylocaine spray	Xylocaine spray 10 mg/ml	AstraZeneca (aspen) or Equivalent	20 Pcs (50ml spray)
27.	Neonatalyte	200 ml solution	Abbott or Equivalent	20 Packs
28.	Sodium Chloride	0.9% solution 1L solution	Searle Pakistan Ltd or Equivalent or Equivalent	5 Packs or carton (50 units/Pack)
29.	Dexamethasone	2ml ampoule	Merck or Equivalent	3 Pack (50 ampules/Pack)
30.	Insulin	short acting (Humalog Mix 25) (stored in the medicine fridge),	Eli-Lilly Pakistan or Equivalent	4 Packs (5 cartridges/3 ml per pack)
31.	Injection	Sodium Chloride 0.9% ampoule 10ml, for injection	Unisef Pharma or Equivalent	4 Pack (50 ampules/Pack)
32.	Activated Charcoal	Activated Charcoal soft gels 260 mg	Neo Medix or Equivalent	3 Pack (100 softgels)
33.	Water for injection	Sterile water ampoules 5ml	Outsuka or Equivalent	5 Packs (50 ampules/Pack)
34.	Water for injection	Sterile water ampoules 10ml	Outsuka or Equivalent	5 Packs (50 ampules/Pack)
35.	IV Solutions	50% dextrose 50 ml bag)	Searle Pakistan Ltd or Equivalent	10 Packs (20 units/Pack)
36.	IV Solutions	10% dextrose 1 L solution	Searle Pakistan Ltd or Equivalent	10 Packs (20 units/Pack)
37.	Pediatric solutions	½ strength D arrows (200 ml	Revive pharmakon pvt ltd or Equivalent	5 Packs (20 units/Pack)
38.	Phenylephrine	10mg/ml ampule	Atco or Equivalent	20 Packs (05 ampules/Pack)
39.	Labetalol	100mg tablets	Zafa pharmaceuticals or Equivalent	05 packs (20 tablets/pack)
40.	Digoxin	0.5mg/2ml ampule	Gsk or Equivalent	20 Packs (05 ampules/Pack)
41.	Amiodarone hydrochloride	150mg/3ml Injection	Sanofi or Equivalent	10 Packs (06 ampules/Pack)
42.	Dexamethasone	4mg/ml injection	OBS Pakistan or Equivalent	10 Packs (25 ampules/Pack)
43.	Transamin	500 mg injection	Hilton pharma or Equivalent	10 Packs (10 ampules/Pack)
44.	Hearin	Heparin injection 5000IU 1Vial	Leo pharma or Equivalent	100 packs (1 vial/pack)



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MEDICAL UNIVERSITY**

<b>MEDICAL DEVICES / INSTRUMENTS / FURNITURE</b>				
<b>With complete installation, calibration, and services for 2 Years for Medical Devices</b>				
S#	ITEMS	DESCRIPTION	COMPANY/ MANUFACTURER	PKG/ QTY
45	Syringes	Syringes 50 ml	Shifa Medical Devices or equivalent	20 Packs (20 syringes/Pack)
46	Syringes	Syringes 60 ml	Shi fa Medical Devices or equivalent	20 Packs (20 syringes/Pack)
47	Syringes	Syringe 20ml	Shifa Medical Devices or equivalent	20 Packs (50 Syringes/Pack)
48	Syringe	Syringe 10ml	Shifa Medical Devices or equivalent	20 Packs (50 Syringes/Pack)
49	Syringe	Syringe 5ml	Shifa Medical Devices or equivalent	20 Packs (50 Syringes/Pack)
50	ABG Syringe	1CC with 22G Needle, Luer Lock	Shifa Medical Devices or equivalent	20 Pack (100 Syringes/Pack)
51	Butterfly Needles	Vacutainer Blood Collection Set, 23G.	Shifa Medical Devices or Equivalent	10 Pack (100/Pack)
52	Butterfly Needles	Vacutainer Blood Collection Set, 22G.	Shifa Medical Devices or Equivalent	10 Pack (100/Pack)
53	Cannula	IV Cannula 14G (Orange/Brown)	Silver Surgical Complex or equivalent	20 Packs (50 cannulas/Pack)
54	Cannula	IV Cannula 16G (Grey)	Silver Surgical Complex or equivalent	20 Packs (50 cannulas/Pack)
55	Cannula	IV Cannula 18G (Green)	Silver Surgical Complex or equivalent	20 Packs (50 cannulas/Pack)
56	Cannula	IV Cannula 20G (Pink)	Silver Surgical Complex or equivalent	20 Packs (50 cannulas/Pack)
57	Cannula	IV Cannula 22G (Blue)	Silver Surgical Complex or equivalent	50 Packs (50 cannulas/Pack)



**SHAHEED ZULFIQAR ALI BHUTTO  
MEDICAL UNIVERSITY**

58	Dial-A-Flow Infusion set	Sterile, Disposable, Latex Free, Needle Size 21G,	Shifa or equivalent	10 Packs (100 Pcs/Pack)
59	Needles	Needles 16G	B. Braun or Equivalent	5 Packs (100 Needles/Pack)
60	Needles	Needles 18G	B. Braun or Equivalent	5 Packs (100 Needles/Pack)
61	Needles	Needles 20G	B. Braun or Equivalent	5 Packs (100 Needles/Pack)
62	Needles	Needles 22G	B. Braun or Equivalent	5 Packs (100 Needles/Pack)
63	Needles	Needles 24G	B. Braun or Equivalent	5 Packs (100 Needles/Pack)
64	Suction Catheter	Yankaeur suction catheter	Smith Medical or Equivalent	20 Pack (40 pcs /Pack)
65	Foley's Catheter	For Men (14FR) Sterile Individually packaged, Flexible, 2-way catheter,	InterSurgical UK or Equivalent	10 Pack (100 Catheter/Pack)
66	Foley's Catheter	For Women (12FR) Sterile Individually packaged, Flexible, 2-way catheter,	InterSurgical UK or Equivalent	10 Pack (100 Catheter/Pack)
67	Foley's Catheter	For Peads (6-10 FR) Sterile Individually packaged, Flexible, 2-way catheter,	InterSurgical UK or Equivalent	10 Pack (100 Catheter/Pack)
68	Urine Collection Bags	Volume 1000ml, Anti-reflux valve, Cord valve upto 1 meter,	JMS or Equivalent	1000 Bags
69	Sharps Container	Volume 7.6 L, 25 x 16.4 x 25 cm	Medica or equivalent	50 Qty
70	Cutter	Needle Cutter Product Size (cm) 38 x 28 x 22 (15L)	Classic Needle cutter or Equivalent	15 Qty
71	Waste Bin	Pedal Operated, (mm) 380x 390x 580, Capacity 45L, Blue/Yellow/Red	Medica or Equivalent	6 Pcs. Each Color
72	Waste Bags	Biohazard Waste Bags, Capacity 45L, Width (75 CM), Length (90 CM) Blue/Yellow/Red	Medica or Equivalent	10 Kg Each Color
73	Suture chromic	Silk 2/0, Undyed absorbable suture	Johnson & Johnson International or equivalent	15 Pack (36/Pack)
74	Suture nylon	Silk 2-0, Clear Monofilament	Johnson & Johnson International or equivalent	15 Pack (36/Pack)
75	Micropore Surgical tape	Microporus adhesive tape 2.5cm x 9.1 m	3M Micropore or equivalent	15 Pack (12/Pack)



**SHAHEED ZULFIQAR ALI BHUTTO  
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76	IV dressing	Tegaderm Dressing	3M or equivalent	30 Pack (100/Pack)
77	Gauze	Roll of 3 meter 2" ribbon gauze	Sorbact or equivalent	20 Pack (50/Pack)
78	Gauze Swab	4 x 4 cm, Sterile Gauze swab	Sugama or equivalent	20 Packs (25/Pack)
79	Infusion Bag	Pressure Infusion Bag, 500 ml	Freeflex or Equivalent	20 Pack (20 Bags/Pack)
80	Wound Dressing	Dermapore, 9 x10 cm	Uniferoz or Equivalent	20 Pack (100/Pack)
81	Gloves	Nitrile Powder free, Small size	AX Gloves Malaysia	25 Boxes (100Pcs/Box)
82	Gloves	Nitrile Powder free, medium size	AX Gloves Malaysia	25 Boxes (100Pcs/Box)
83	Gloves	Nitrile Powder free, large size	AX Gloves Malaysia	25 Boxes (100Pcs/Box)
84	Gloves	Latex gloves small size	AX Gloves Malaysia	25 Boxes (100Pcs/Box)
85	Gloves	Latex gloves, medium size	AX Gloves Malaysia	25 Boxes (100Pcs/Box)
86	Gloves	Latex gloves, large size	AX Gloves Malaysia	25 Boxes (100Pcs/Box)
87	Gloves	Vinyl, Powder free medium size	AX Gloves Malaysia r Equivalent	25 Boxes (100Pcs/Box)
88	Blood collection tubes	Blood Tubes (Glass- Red Top. Volume 9ml	Xinile or Equivalent	10 Packs (100/Pack)
89	Blood collection tubes	Blood Tubes (Glass) – Yellow Top, Volume 3 ml	Xinile or Equivalent	15 Packs (100/Pack)
90	Blood collection tubes	Blood Tubes (Glass)-Purple Top, Volume 3ml	Xinile or Equivalent	15 Packs (100/Pack)
91	Blood collection tubes	Blood Tubes (Glass)- Blue top, Volume 3ml	Xinile or Equivalent	10 Packs (100/Pack)
92	Blood collection tubes	Blood Tubes (Glass) – Black Top ESR Tube, 1.28ml	Xinile or Equivalent	10 Packs (100/Pack)
93	Blood collection tubes	Blood Tubes (Glass) – Grey Top, Volume 3ml	Xinile or Equivalent	10 Packs (100/Pack)
94	Tourniquet	Disposable tourniquet or disposable tourniquet roll	Spancare or Equivalent	05 Packs (50/Pack)
95	Water Circuit	Double Water Tap Circuit, PVC, with Standard Connector	ONTEX Medical Devices or Equivalent	5 Qty
96	Tap	Three-way Tap	Solmed Or Equivalent	5 Packs (50/Pack)
97	Wipes	Chlorhexidine wipes	Medipal or Equivalent	10 Packs (50/Pack)
98	Surgical Blade	Sterile and Disposables	Feather Safety Razor or Equivalent	5 Packs (100 Pcs/Pack)





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99	Airway	Compact Emergency Surgical Airway Pack contains all the essential items for establishing an emergency cricothyrotomy surgical airway.	Medtree or Equivalents	05 packs
100	Lubricant	Sachets water-based lubricant jelly (Lubricating Jelly 2.7g) (Long expiry date)	Ds medical or Equivalents	10 Packs (50 packets/Pack)
101	Breathing Circuit P/A Humidifier / Catheter mount	Bag Valve Mask with reservoir bag and tubing	Undis Medical Technology or Equivalent	10 Packs (50 masks/Pack)
102	Oropharyngeal airway	Oropharyngeal airway size 2	Intersurgical UK or Equivalent	10 Packs
103	Oropharyngeal airway	Oropharyngeal airway size 3	Intersurgical UK or Equivalent	10 Packs
104	Oropharyngeal airway	Oropharyngeal airway size 4	Intersurgical UK or Equivalent	10 Packs
105	Nasopharyngeal airway	Set of 6 includes FR sizes 20, 24, 26, 28, 32 and 36. Supplied in a plastic case with lubricating jelly	Intersurgical UK or Equivalent	20 Packs
106	Laryngoscope	laryngoscope with complete set	InterSurgical UK	05 Adult laryngoscope handles
107	Laryngoscope blade	Complete Macintosh disposable laryngoscope blade set of 6 (compatible with Laryngoscope	InterSurgical UK or Equivalent	10 Boxes (10 blades/Box)
108	Battery	Size C Battery for laryngoscope	Goldstar or equivalent	50 battery or cells/Pack
109	Filter	Adult bacterial/viral filter + HME	Intersurgical UK	10 Packs (10 filters/Pack)
110	Cuffed Endotracheal Tube	Cuffed Endotracheal Tube size 6.0mm	Becazlar Turkey/Sunmed from USA or equivalent	10 Packs (10 tubes/Pack)
111	Cuffed Endotracheal Tube	Cuffed Endotracheal Tube size 7.0mm	Becazlar Turkey/Sunmed from USA or equivalent	10 Packs (10 tubes/Pack)
112	Cuffed Endotracheal Tube	Cuffed Endotracheal Tube size 8.0mm	Becazlar Turkey/Sunmed from USA or equivalent	10 Packs (10 tubes/Pack)
113	Cuffed Endotracheal Tube	Cuffed Endotracheal Tube size 9.0mm	Becazlar Turkey/Sunmed from USA or equivalent	10 Packs (10 tubes/Pack)



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114	Nebulizer Kit	Nebulizer face mask kits, adult-size	Certeza or Equivalent	20 Kits
115	Nebulizer Kit	Nebulizer face mask kits. Pediatric Size	Certeza or Equivalent	20 Kits
116	Oxygen face mask kit	Adult oxygen face mask kit (with reservoir bag and tubing)	Aero or Equivalent	50 kits
117	Nebulizer Compressor Machine	with Complete Kit, Medication Tank Capacity 10ml,	Believia or Equivalent	01
118	Oxygen Cylinder	Manufactured from high strength aluminum, Stainless steel, or Carbon fiber alloy, Size capacity 137L	Pak Oxygen Limited or Equivalent	3 Qty
119	Blood glucose monitor	Photometric endpoint measuring method, Data storage and transfer facility, Easy and quick method	Accu-Chek Active or Equivalent	5 Qty
120	Drip Stand	Stainless steel, 4 hooks, Stable 5-star Castor base, height adjustable, 160 - 245 cm height range.	Al Ghani Medical and Surgical or Equivalent	5 Qty
121	Scissors	Durable 7 inches Tuff cut scissors	Swantia Medical or equivalent	10 Qty
122	Stethoscope	Premium Adult Deluxe Stethoscope	Certeza or Equivalent	5 Qty
123	Oximeter	Fingertip pulse oximeter	Certeza or Equivalent	5 Qty
124	Pen torch with Battery/Cells	Medical Pen torch, Waterproof and abrasion resistant, Battery/cell operated, White LED light	Ri-pen or equivalent	08 Qty
125	Forceps	Surgical instrument kit Stainless steel with case serrated forceps, 18 pcs	InterSurgical UK or equivalent	05 Qty
126	Chemo Chairs	Electric height adjustable, Arm supported backrest adjustment, Blue Color, Steel frame, epoxy coated	Champion Chair	02
127	Stretcher trolley	Size 35.04in x 25.59in x 18.11in, Color Light Blue, Made of Mild Steel Material	Al Ghani Medical and Surgical or Equivalent	02
128	Crash Cart Trolley	1. Built with steel and aluminum to increase durability and lifespan. 2. Impact-resistant Aluminum Bumper with color code function. 3. Securing all drawers right at the side with the Central Key Locking System.	Pochar manufacturer (Levida Brand) or Equivalent	02 Qty



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		<p>4. A smooth workflow facilitated by Auto-return Ball Bearing Drawer Slides.</p> <p>5. Installing accessories at any height with Flexible Accessory Mount.</p> <p>6. Extended working area with Slide-out Work Surface.</p> <p>7. Breakaway- Lock or Lock Bar for single or all drawers.</p>		
129	Defibrillator Pads for AED OR electrodes for ECG monitor and defibrillator	One Piece Defibrillation and CPR System Adult Electrode (CPR-D-Padz One-Piece Electrode Pad with Real CPR Help is supplied with Gloves, Barrier Mask, Scissors, Razor, Wet Wipe, and Dry Wipe.	Philips or Equivalent	01 Qty
130	Automatic External Defibrillator (AED) OR ECG monitor and defibrillator	One Piece Automatic External Defibrillator (AED) OR ECG monitor and defibrillator (Adult defibrillation peak current: 32A (150J nominal) into a 50-ohm load. Pediatric defibrillation (with optional Infant/Child Key installed): 19A (50J nominal) into a 50-ohm load.) Battery: waveform	Philips or Equivalent	02 Qty
131	Portable Suction Machine	Automatic High Vacuum, Mobile Suction Units (3A Aspeed Double Pump Portable Medical Suction with 1000 ml Container)	Philips or Equivalent	02 Qty
132	Defibrillator battery	Spare defibrillator battery (compatible with AED) 12V, capacity 4.2 Ah	Philips or Equivalent	10 Qty
133	Defibrillator pads	Hands-free defibrillator pads (compatible with AED) conductor surface area 85 sq.cm	Philips or Equivalent	10 Qty
<b>BIOSAFETY CABINET</b>				
<b>With complete installation, calibration, and services for 2 years for medical devices</b>				
134	Biosafety Cabinet	BSL, Class II A2, Ductless, Moveable, LCD display, Internal Dimension W*D*H 1210×660×600mm, Tested opening 8 Inches.	Labtron or Equivalent	01 Qty



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MEDICAL UNIVERSITY**

**DATA LOGGER FOR TEMPERATURE MONITORING**

**With complete installation, calibration, and services for 2 years for medical devices**

135	Data logger	IOT Real time data logger with Software, WIFI Enabled with LED Indicator, Memory capacity 100,000 Points, LED indicator, Installation, calibration and services (Min. 2 years)	Elitech OR Equivalent	09 data loggers
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**UPS/INVERTER/BATTERIES/AIR CONDITIONER**

**With complete installation, calibration, and services for 2 years for medical devices**

136	UPS	10 KVA with Accessories and Complete Installation and services	Inverex or equivalent	01
137	Batteries for UPS	Tubular Deep Cycle Lead Acid UPS & Solar Battery	Osaka / Phoenix or Equivalent	04
138	DC Inverter Air Conditioner	2 Ton, White Color with complete Installation and services for 2 years.	Gree or Equivalent	01

**FIRE ALARM/EXTINGUISHER/CCTV CAMERA**

**With complete installation, calibration, and services for 2 years for medical devices**

139	Smoke/Fire Detector	Smoke/Fire Detector with alarm and water sprinkler	Lube tribology. or Equivalent	03
140	Fire Extinguisher	Extinguisher suitable for the electrical devices and flammables at Clinical Trial Unit. Volume 5 Kg, Controllable Brass Valve with gauge. Mild steel with body diameter of 130"	Lube tribology. or Equivalent	03
141	CCTV Camera	IP Cameras 4MP 4-Port Network Video Recorder Computable with Cameras 2000GB HDD (Sata) With cables/wire rolls (best quality) and complete installation as per sight requirements With Branded LED 32"	Hikvision Or Equivalent	04

**REFRIGERATOR**

**With complete installation, calibration, and services for 2 years**

S#	ITEM	DESCRIPTION	COMPANY/ MANUFACTURER	PKG/ QTY
142	-80 Vertical Refrigerator	Compartment with separate doors, external temperature display, Capacity 626/22.1 Cu. ft, Installation, calibration and services (Min. 2 years)	Haier Biomedical or Equivalent	01
143	-40° C Vertical Refrigerator	Compartment with separate doors, external temperature	Meling Biomedical or Equivalent	01



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	with calibration	display, Internal Size(H*D*H) 500*460*1235 mm, Single door with lock, Capacity 270L, Installation, calibration and services For Min. 2 years.		
144	Medical Refrigerator with Calibration	Varioline chiller 31 Cubic Feet, Double door with external temperature display, Installation, calibration and services For Min. 2 years.	Varioline Intercool or Equivalent	01
145	4°C Vertical Refrigerator with Calibration	Capacity 20 Cubic Feet. Dimension H x W 30 x70 Inches, Double Door Fridge 2 in 1, Installation, calibration and services For Min. 2 years.	Haier or Equivalent	02

**Co-PI/End User:  
In-Charge, Clinical Trial Unit, SZABMU**

*[Handwritten Signature]*  
**DR. SYEDA KHAN RIAZ**  
 Assistant Professor  
 Department of Molecular Biology  
 Shaheed Zulfiqar Ali Bhutto Medical University  
 Islamabad-Pakistan

**Signature & Stamp**

*[Handwritten Signature]*  
**MUHAMMAD FAHIM**  
 Assistant Registrar (PR & T)  
 Shaheed Zulfiqar Ali Bhutto  
 Medical University, PIMS, Islamabad

**Purchase Officer, SZABMU**

**MUHAMMAD FAHIM**  
 Assistant Registrar  
 Shaheed Zulfiqar Ali Bhutto Medical University  
 (SZABMU), Islamabad

**Signature & Stamp**