



**KHYBER MEDICAL UNIVERSITY,**

**KHYBER PAKHTUNKHWA**

**STANDARD BIDDING DOCUMENTS**  
**FOR NATIONAL COMPETITIVE BIDDING**  
**PAKISTAN**

**FOR**

**PROCUREMENT SKILL LAB EQUIPMENTS, GLASSWARE,  
GENERAL AND IT EQUIPMENTS FOR ESTABLISHMENT OF  
INSTITUTES OF NURSING AND MEDICAL TECHNOLOGIES**

## **PART ONE (UNCHANGEABLE)**

- Instructions to Bidders (ITB)
- General Conditions of Contract (GCC)

## Preface

These Bidding Documents have been prepared for use by procuring agencies and their implementing agencies in the procurement of goods through National Competitive Bidding (NCBs) as well International Competitive Bidding (ICBs) vides 41(g) KPP Rules 2014.

In order to simplify the preparation of bidding documents for each procurement, the Bidding Documents are grouped in two parts based on provisions which would remain the same for every procurement and that which are specific for each procurement. Provisions which are intended to be used unchanged are in Part one, which includes Section I, Instructions to Bidders, and Section II, General Conditions of Contract. Data and provisions specific to each procurement and contract are included in Part Two which is further organized into six sections. Sections I, II, III, IV ,and V, respectively contain Invitation for Bids; Bid Data Sheet; Special Conditions of Contract; Schedule of Requirements; Technical Specifications; and the forms to be used, while Section VI is about Sample Forms.

This is Part one which is fixed and contains provisions which are to be used unchanged. Each section is prepared with notes intended only as information for the Procuring agency or the person drafting the bidding documents. They shall not be included in the final documents.

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Part One - Section I.

Instructions to Bidders

## **NOTES ON THE INSTRUCTIONS TO BIDDERS**

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

Part One Section I contain provisions that are to be used unchanged. Part Two Section II (Bid Data Sheet) consists of provisions that supplement, amend, or specify in detail information or requirements included in Part One Section I and which are specific to each procurement.

Matters governing the performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are not normally included in this section, but rather under Part one Section II, General Conditions of Contract, and/or Part Two Section III, Special Conditions of Contract. If duplication of a subject is inevitable in the other sections of the document prepared by the Procuring agency, care must be exercised to avoid contradictions between clauses dealing with the same matter.

These Instructions to Bidders will not be part of the contract.

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# INSTRUCTIONS TO BIDDERS

## A. INTRODUCTION

<b>1. Source of Funds</b>	1.1	The Procuring agency has received/applied for loan/grant/federal/provincial/local government funds from the source(s) indicated in the bidding data in various currencies towards the cost of the project /schemes specified in the bidding data, and it is intended that part of the proceeds of this loan/grant/funds/ will be applied to eligible payments under the contract for which these bidding documents are issued.
	1.2	The funds referred to above in addition shall be “Public Fund” which according to 2 (l) of KPP Rules 2014 means ( i ) Provincial Consolidated Fund; ( ii) foreign assistance; ( iii) all moneys standing in the Public Account; and (iv) Funds of enterprises wholly or partly owned or managed or controlled by Government.
	1.3	Payment by the Fund will be made only at the request of the Procuring agency and upon approval by the Government of Khyber Pakhtunkhwa., and in case of a project will be subject in all respect to the terms and conditions of the agreement. The Project Agreement prohibits a withdrawal from the allocated fund account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Federal Government/ Khyber Pakhtunkhwa Government, is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Procuring agency shall derive any rights from the Project Agreement or have any claim to the allocated fund proceeds.
<b>2. Eligible Bidders</b>	2.1	This Invitation for Bids is open to all suppliers from eligible source as defined in the KPP Rules, 2014 and its Bidding Documents except as provided hereinafter.
	2.2	Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring agency to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation for Bids.

	2.3	Government-owned enterprises in the Province of Khyber Pakhtunkhwa may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency of the Government of Khyber Pakhtunkhwa.
	2.4	Bidders shall not be eligible to bid if they are under a declaration of ineligibility for corrupt and fraudulent practices issued by any government organization in accordance with the Section 44(1) KPP Rules 2014.
<b>3. Eligible Goods and Services</b>	3.1	All goods and related services to be supplied under the contract shall have their origin in eligible source countries of the world with whom the Islamic Republic of Pakistan has commercial relations and its Bidding Documents and all expenditures made under the contract will be limited to such goods and services.
	3.2	For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.
	3.3	The origin of goods and services is distinct from the nationality of the Bidder.
<b>4. Cost of Bidding</b>	4.1	The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring agency named in the Bid Data Sheet, hereinafter referred to as “the Procuring agency,” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
		<b>B. The Bidding Documents</b>
<b>5. Content of Bidding Documents</b>	5.1	The bidding documents include: <ul style="list-style-type: none"> <li>a) Instructions to Bidders (ITB)</li> <li>b) Bid Data Sheet</li> <li>c) General Conditions of Contract (GCC)</li> <li>d) Special Conditions of Contract (SCC)</li> <li>e) Schedule of Requirements</li> <li>f) Technical Specifications</li> <li>g) Bid Form and Price Schedules</li> <li>h) Bid Security Form</li> <li>i) Contract Form</li> </ul>

		<ul style="list-style-type: none"> <li>j) Performance Security Form</li> <li>k) Manufacturer’s Authorization Form</li> </ul>
	5.2	The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in the rejection of its bid.
<b>6. Clarification of Bidding Documents</b>	6.1	An interested Bidder requiring any clarification of the bidding documents may notify the Procuring agency in writing. The Bidding Procuring agency will respond in writing to any request for Documents clarification of the bidding documents which it receives no later than three working days prior to the deadline for the submission of bids prescribed in the Bid Data Sheet. Written copies of the Procuring agency’s response (including an explanation of the query but without identifying the source of inquiry) will be sent to all interested bidders that have received the bidding documents.
<b>7. Amendment of Bidding Documents</b>	7.1	At any time prior to the deadline for submission of bids, the Procuring agency, for any reason, whether at its own initiative or in response to a clarification requested by a interested Bidder, may modify the bidding documents by amendment.
	7.2	All interested bidders that have received the bidding documents will be notified of the amendment in writing and will be binding on them.
	7.3	In order to allow interested bidders reasonable time in which to take the amendment into account in preparing their bids, the Procuring agency, at its discretion, may extend the deadline for the submission of bids.
<b>C. Preparation of Bids</b>		
<b>8. Language of Bid</b>	8.1	The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring agency shall be written in the language specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the Bid Data Sheet, in which case, for purposes of interpretation of the Bid, the translation shall govern.
<b>9. Documents Comprising the Bid</b>	9.1	The bid prepared by the Bidder shall comprise the following components: <ul style="list-style-type: none"> <li>a) a Bid Form and a Price Schedule completed in accordance with ITB Clauses 10, 11, and 12</li> </ul>

		<p>b) documentary evidence established in accordance with ITB Clause 13 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;</p> <p>c) documentary evidence established in accordance with ITB Clause 14 that the goods and ancillary services to be supplied by the Bidder are eligible goods and services and conform to the bidding documents; and</p> <p>d) bid security furnished in accordance with ITB Clause 15.</p>
<b>10. Bid Form</b>	10.1	The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.
<b>11. Bid Prices</b>	11.1	The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the goods it proposes to supply under the contract.
	11.2	Prices indicated on the Price Schedule shall be delivered duty paid (DDP) prices. The price of other (incidental) services, if any, listed in the Bid Data Sheet will be entered separately.
	11.3	The Bidder's separation of price components in accordance with ITB Clause 11.2 above will be solely for the purpose of facilitating the comparison of bids by the Procuring agency and will not in any way limit the Procuring agency's right to contract on any of the terms offered.
	11.4	Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A bid submitted with an adjustable price quotation will be treated as nonresponsive and will be rejected, pursuant to ITB Clause 24. If, however, in accordance with the Bid Data Sheet, prices quoted by the Bidder shall be subject to adjustment during the performance of the contract, a bid submitted with a fixed price quotation will not be rejected, but the price adjustment would be treated as zero.
<b>12. Bid Currencies</b>	12.1	Prices shall be quoted in Pak Rupees unless otherwise specified in the Bid Data Sheet.
<b>13. Documents Establishing Bidder's</b>	13.1	Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted.
<b>Eligibility and Qualification</b>	13.2	The documentary evidence of the Bidder's eligibility to bid shall establish to the Procuring agency's satisfaction that the Bidder, at the time of submission of its bid, is from an eligible country as defined under ITB Clause 3.

	13.3	<p>The documentary evidence of the Bidder’s qualifications to perform the contract if its bid is accepted shall establish to the Procuring agency’s satisfaction:</p> <ul style="list-style-type: none"> <li>a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods’ Manufacturer or producer to supply the goods in the Procuring agency’s country;</li> <li>b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;</li> <li>c) that, in the case of a Bidder not doing business within the Procuring agency’s country, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped, and able to carry out the Supplier’s maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and</li> <li>d) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.</li> </ul>
<p><b>14. Documents Establishing Goods’ Eligibility and Conformity to Bidding Documents</b></p>	14.1	<p>Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.</p>
	14.2	<p>The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.</p>
	14.3	<p>The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and data, and shall consist of:</p> <ul style="list-style-type: none"> <li>a) a detailed description of the essential technical and performance characteristics of the goods;</li> <li>b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the Bid Data Sheet, following commencement of the use of the goods by the Procuring agency; and</li> <li>c) an item-by-item commentary on the Procuring agency’s Technical Specifications demonstrating substantial responsiveness of the goods and services to</li> </ul>

		those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.
	14.4	For purposes of the commentary to be furnished pursuant to ITB Clause 14.3(c) above, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procuring agency in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its bid, provided that it demonstrates to the Procuring agency's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.
<b>15. Bid Security</b>	15.1	Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, a bid security in the amount specified in the Bid Data Sheet.
	15.2	The bid security is required to protect the Procuring agency against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to ITB Clause 15.7.
	15.3	The bid security shall be in Pak. Rupees and shall be in one of the following forms: a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring agency's country, in the form provided in the bidding documents or another form acceptable to the Procuring agency and valid for thirty (30) days beyond the validity of the bid; or b) irrevocable en cashable on-demand Bank call-deposit.
	15.4	Any bid not secured in accordance with ITB Clauses 15.1 and 15.3 will be rejected by the Procuring agency as non-responsive, pursuant to ITB Clause 24.
	15.5	Unsuccessful bidders' bid security will be discharged or returned as promptly as possible but not later than thirty (30) days after the expiration of the period of bid validity prescribed by the Procuring agency pursuant to ITB Clause 16.
	15.6	The successful Bidder's bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 32, and furnishing the performance security, pursuant to ITB Clause 33.
	15.7	The bid security may be forfeited: a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or

		<p>b) in the case of a successful Bidder, if the Bidder fails:</p> <p>i. to sign the contract in accordance with ITB Clause 32;</p> <p style="text-align: center;">or</p> <p>ii. to furnish performance security in accordance with ITB Clause 33.</p>
<b>16. Period of Validity of Bids</b>	16.1	Bids shall remain valid for the period specified in the Bid Data Sheet after the date of bid opening prescribed by the Procuring agency, pursuant to ITB Clause 19. A bid valid for a shorter period shall be rejected by the Procuring agency as non-responsive.
	16.2	In exceptional circumstances, the Procuring agency may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security provided under ITB Clause 15 shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid, except as provided in the bidding document.
<b>17. Format and Signing of Bid</b>	17.1	The Bidder shall prepare an original and the number of copies of the bid indicated in the Bid Data Sheet, clearly marking each "ORIGINAL BID" and "COPY OF BID," as appropriate. In the event of any discrepancy between them, the original shall govern.
	17.2	The original and the copy or copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.
	17.3	Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.
	17.4	The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.
		<b>D. Submission of Bids</b>
<b>18. Sealing and Marking of Bids</b>	18.1	The Bidder shall seal the original and each copy of the bid in separate envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." The envelopes shall then be sealed in an outer envelope.
	18.2	The inner and outer envelopes shall:

		<p>a. be addressed to the Procuring agency at the address given in the Bid Data Sheet; and</p> <p>b. bear the Project name indicated in the Bid Data Sheet, the Invitation for Bids (IFB) title and number indicated in the Bid Data Sheet, and a statement: “DO NOT OPEN BEFORE,” to be completed with the time and the date specified in the Bid Data Sheet, pursuant to ITB Clause 2.2.</p>
	18.3	The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared “late”.
	18.4	If the outer envelope is not sealed and marked as required by ITB Clause 18.2, the Procuring agency will assume no responsibility for the bid’s misplacement or premature opening.
<b>19. Deadline for Submission of Bids</b>	19.1	Bids must be received by the Procuring agency at the address specified under ITB Clause 18.2 no later than the time and date specified in the Bid Data Sheet.
	9.2	The Procuring agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 7, in which case all rights and obligations of the Procuring agency and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
<b>20. Late Bids</b>	20.1	Any bid received by the Procuring agency after the deadline for submission of bids prescribed by the Procuring agency pursuant to ITB Clause 19 will be rejected and returned unopened to the Bidder.
<b>21. Modification And Withdrawal of Bids</b>	21.1	The Bidder may modify or withdraw its bid after the bid’s submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Procuring agency prior to the deadline prescribed for submission of bids.
	21.2	The Bidder’s modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of ITB Clause 18. by a signed confirmation copy, postmarked not later than the deadline for submission of bids.
	21.3	No bid may be modified after the deadline for submission of bids.
	21.4	No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder’s

		forfeiture of its bid security, pursuant to the ITB Clause 15.7.
		<b>E. Opening and Evaluation of Bids</b>
<b>22. Opening of Bids by the Procuring Agency</b>	22.1	The Procuring agency will open all bids in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Bid Data Sheet. The bidders' representatives who are present shall sign a register evidencing their attendance.
	22.2	The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Procuring agency, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder pursuant to ITB Clause 20.
	22.3	Bids (and modifications sent pursuant to ITB Clause 21.2) that are not opened and read out at bid opening shall not be considered further for evaluation, irrespective of the circumstances. Withdrawn bids will be returned unopened to the bidders.
	22.4	The Procuring agency will prepare minutes of the bid opening.
<b>23. Clarification of Bids</b>	23.1	During evaluation of the bids, the Procuring agency may, at its discretion, ask the Bidder for a clarification of its bid. The Bids request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.
<b>24. Preliminary Examination</b>	24.1	The Procuring agency will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
	24.2	Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the 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 the Supplier does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail.
	24.3	The Procuring agency may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

	24.4	Prior to the detailed evaluation, pursuant to ITB Clause 25 the Procuring agency will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, such as those concerning Bid Security (ITB Clause 15), Applicable Law (GCC Clause 30), and Taxes and Duties (GCC Clause 32), will be deemed to be a material deviation. The Procuring agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
	24.5	If a bid is not substantially responsive, it will be rejected by the Procuring agency and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
<b>25. Evaluation and Comparison of Bids</b>	25.1	The Procuring agency will evaluate and compare the bids which have been determined to be substantially responsive, pursuant to ITB Clause 24.
	25.2	The Procuring agency's evaluation of a bid will be on delivered duty paid (DDP) price inclusive of prevailing duties and will exclude any allowance for price adjustment during the period of execution of the contract, if provided in the bid.
	25.3	The Procuring agency's evaluation of a bid will take into account, in addition to the bid price quoted in accordance with ITB Clause 11.2, one or more of the following factors as specified in the Bid Data Sheet, and quantified in ITB Clause 25.4: <ul style="list-style-type: none"> <li>a. incidental costs</li> <li>b. delivery schedule offered in the bid;</li> <li>c. deviations in payment schedule from that specified in the Special Conditions of Contract;</li> <li>d. the cost of components, mandatory spare parts, and service;</li> <li>e. the availability Procuring agency of spare parts and after-sales services for the equipment offered in the bid;</li> <li>f. the projected operating and maintenance costs during the life of the equipment; the performance and productivity of the equipment offered; and/or</li> <li>g. other specific criteria indicated in the Bid Data Sheet and/or</li> <li>h. in the Technical Specifications.</li> </ul>

	<p>25.4 For factors retained in the Bid Data Sheet pursuant to ITB 25.3, one or more of the following quantification methods will be applied, as detailed in the Bid Data Sheet:</p> <ul style="list-style-type: none"> <li>a. Incidental costs provided by the bidder will be added by Procuring agency to the delivered duty paid (DDP) price at the final destination.</li> <li>b. Delivery schedule. <ul style="list-style-type: none"> <li>i. The Procuring agency requires that the goods under the Invitation for Bids shall be delivered at the time specified in the Schedule of Requirements which will be treated as the base, a delivery “adjustment” will be calculated for bids by applying a percentage, specified in the Bid Data Sheet, of the DDP price for each week of delay beyond the base, and this will be added to the bid price for evaluation. No credit shall be given to early delivery.</li> <p style="text-align: center;">or</p> <li>ii. The goods covered under this invitation are required to be delivered (shipped) within an acceptable range of weeks specified in the Schedule of Requirement. No credit will be given to earlier deliveries, and bids offering delivery beyond this range will be treated as non-responsive. Within this acceptable range, an adjustment per week, as specified in the Bid Data Sheet, will be added for evaluation to the bid price of bids offering deliveries later than the earliest delivery period specified in the Schedule of Requirements.</li> <p style="text-align: center;">or</p> <li>iii. The goods covered under this invitation are required to be delivered in partial shipments, as specified in the Schedule of Requirements. Bids offering deliveries earlier or later than the specified deliveries will be adjusted in the evaluation by adding to the bid price a factor equal to a percentage, specified in the Bid Data Sheet, of DDP price per week of variation from the specified delivery schedule.</li> </ul> </li> <li>c. Deviation in payment schedule: <ul style="list-style-type: none"> <li>i. Bidders shall state their bid price for the payment schedule outlined in the SCC. Bids will be</li> </ul> </li> </ul>
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	<p>evaluated on the basis of this base price. Bidders are, however, permitted to state an alternative payment schedule and indicate the reduction in bid price they wish to offer for such alternative payment schedule. The Procuring agency may consider the alternative payment schedule offered by the selected Bidder.</p> <p style="text-align: center;">or</p> <p>ii. The SCC stipulates the payment schedule offered by the Procuring agency. If a bid deviates from the schedule and if such deviation is considered acceptable to the Procuring agency, the bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the bid as compared with those stipulated in this invitation, at the rate per annum specified in the Bid Data Sheet.</p> <p>d. Cost of spare parts.</p> <p>i. The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation specified in the Bid Data Sheet, is annexed to the Technical Specifications. The total cost of these items, at the unit prices quoted in each bid, will be added to the bid price.</p> <p style="text-align: center;">or</p> <p>ii. The Procuring agency will draw up a list of high- usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial period of operation specified in the Bid Data Sheet. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the bid price.</p> <p style="text-align: center;">or</p> <p>iii. The Procuring agency will estimate the cost of spare parts usage in the initial period of operation specified in the Bid Data Sheet, based on information furnished by each Bidder, as well as on past experience of the Procuring agency or other procuring agencies in similar situations. Such costs shall be added</p>
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	<p style="text-align: center;">to the bid price for evaluation.</p> <p>e. Spare parts and after sales service facilities in the Procuring agency's country.</p> <p>The cost to the Procuring agency of establishing the minimum service facilities and parts inventories, as outlined in the Bid Data Sheet or elsewhere in the bidding documents, if quoted separately, shall be added to the bid price.</p> <p>f. Operating and maintenance costs.</p> <p>Since the operating and maintenance costs of the goods under procurement form a major part of the life cycle cost of the equipment, these costs will be evaluated in accordance with the criteria specified in the Bid Data Sheet or in the Technical Specifications.</p> <p>g. Performance and productivity of the equipment.</p> <p style="padding-left: 40px;">i. Bidders shall state the guaranteed performance or efficiency in response to the Technical Specification. For each drop in the performance or efficiency below the norm of 100, an adjustment for an amount specified in the Bid Data Sheet will be added to the bid price, representing the capitalized cost of additional operating costs over the life of the plant, using the methodology specified in the Bid Data Sheet or in the Technical Specifications.</p> <p style="padding-left: 40px;">or</p> <p style="padding-left: 40px;">ii. Goods offered shall have a minimum productivity specified under the relevant provision in the Technical Specifications to be considered responsive. Evaluation shall be based on the cost per unit of the actual productivity of goods offered in the bid, and adjustment will be added to the bid price using the methodology specified in the Bid Data Sheet or in the Technical Specifications.</p> <p>h. Specific additional criteria indicated in the Bid Data Sheet and/or in the Technical Specifications.</p> <p>The relevant evaluation method shall be detailed in the Bid</p>
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		Data Sheet and/or in the Technical Specifications.
<b>Alternative</b>	25.4	25.4 Merit Point System:
		The following merit point system for weighing evaluation factors can be applied if none of the evaluation methods listed in 25.4 above has been retained in the Bid Data Sheet. The number of points allocated to each factor shall be specified in the Bid Data Sheet.
		[In the Bid Data Sheet, choose from the range of]
		Evaluated price of the goods 60 to 90
		Cost of common list spare parts 0 to 20
		Technical features, and maintenance and operating costs 0 to 20
		Availability of service and spare parts 0 to 20
		Standardization 0 to 20
		Total 100
		The bid scoring the highest number of points will be deemed to be the lowest evaluated bid.
<b>26. Contacting the Procuring Agency</b>	26.1	Subject to ITB Clause 23, no Bidder shall contact the Procuring agency on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Procuring agency, it should do so in writing.
	26.2	Any effort by a Bidder to influence the Procuring agency in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder's bid.
		<b>F. Award of Contract</b>
<b>27. Post-qualification</b>	27.1	In the absence of prequalification, the Procuring agency will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 13.3.
	27.2	The determination will take into account the Bidder's

		financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 13.3, as well as such other information as the Procuring agency deems necessary and appropriate.
	27.3	An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which event the Procuring agency will proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
<b>28. Award Criteria</b>	28.1	Subject to ITB Clause 30, the Procuring agency will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.
<b>29. Procuring agency's Right to Vary Quantities at Time of Award</b>	29.1	The Procuring agency reserves the right at the time of contract award to increase or decrease, by the percentage indicated in the Bid Data Sheet, the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.
<b>30. Procuring agency's Right to Accept any Bid and to Reject any or All Bids</b>	30.1	The Procuring agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Procuring agency's action.
<b>31. Notification of Award</b>	31.1	Prior to the expiration of the period of bid validity, the Procuring agency will notify the successful Bidder in writing by registered letter or by cable, to be confirmed in writing by registered letter, that its bid has been accepted.
	31.2	The notification of award will constitute the formation of the Contract.
	31.3	Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 33, the Procuring agency will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 15.

<b>32. Signing of Contract</b>	32.1	At the same time as the Procuring agency notifies the successful Bidder that its bid has been accepted, the Procuring agency will send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the parties.
	32.2	Within thirty (30) days of receipt of the Contract Form, the successful Bidder shall sign and date the contract and return it to the Procuring agency.
<b>33 Performance Security</b>	33.1	Within twenty (20) days of the receipt of notification of award from the Procuring agency, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents, or in another form acceptable to the Procuring agency.
	33.2	Failure of the successful Bidder to comply with the requirement of ITB Clause 32 or ITB Clause 33.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Procuring agency may make the award to the next lowest evaluated Bidder or call for new bids.
<b>34. Corrupt or Fraudulent Practices</b>	34.1	<p>The Government of Khyber Pakhtunkhwa requires that Procuring agency's (including beneficiaries of donor agencies' loans), as well as Bidders/Suppliers/Contractors under Government-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the KPPRA, in accordance with the KPP Act, 2009 and Rules made thereunder:</p> <p>a. defines, for the purposes of this provision, the terms set forth below as follows:</p> <p>i. "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and</p> <p>ii. "fraudulent practice" means a misrepresentation</p>

		<p>of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring agency, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Procuring agency of the benefits of free and open competition;</p> <p>b. will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;</p> <p>c. will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Government-financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Government-financed contract.</p>
	34.2	Furthermore, Bidders shall be aware of the provision stated in sub-clause 5.4 and sub-clause 24.1 of the General Conditions of Contract.
<b>36. Integrity Pact</b>	35.1	The Bidder shall sign and stamp the Integrity Pact provided at Form - 7 to Bid in the Bidding Document for all Provincial Government procurement contracts exceeding Rupees ten million. Failure to such Integrity Pact shall make the bidder non-responsive.

**Part One - Section II.**

**General Conditions of Contract**

## **Notes on the General Conditions of Contract (GCC)**

The General Conditions of Contract in Part One Section II, read in conjunction with the Special Conditions of Contract in Part Two Section III and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

The General Conditions of Contract herein shall not be altered. Any changes and complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract in Part Two Section III.

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## General Conditions of Contract

<p><b>1. Definitions</b></p>	<p>1.1</p>	<p>In this Contract, the following terms shall be interpreted as indicated:</p> <ul style="list-style-type: none"> <li>a. “The Contract” means the agreement entered into between the Procuring agency and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.</li> <li>b. “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.</li> <li>c. “The Goods” means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring agency under the Contract.</li> <li>d. “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.</li> <li>e. “GCC” means the General Conditions of Contract contained in this section.</li> <li>f. “SCC” means the Special Conditions of Contract.</li> <li>g. “The Procuring agency” means the organization purchasing the Goods, as named in SCC.</li> <li>h. “The Procuring agency’s country” is the country named in SCC.</li> <li>i. “The Supplier” means the individual or firm supplying the Goods and Services under this Contract.</li> <li>j. “The Project Site,” where applicable, means the place or places named in SCC.</li> <li>k. “Day” means calendar day.</li> </ul>
<p><b>2. Application</b></p>	<p>2.1</p>	<p>These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.</p>
<p><b>3. Country of Origin</b></p>	<p>3.1</p>	<p>All Goods and Services supplied under the Contract shall have their origin in the countries and territories eligible under the rules and further elaborated in the SCC.</p>
	<p>3.2</p>	<p>For purposes of this Clause, “origin” means the place where the Goods were mined, grown, or produced, or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new product results that is substantially</p>

		different in basic characteristics or in purpose or utility from its components.
	3.3	The origin of Goods and Services is distinct from the nationality of the Supplier.
<b>4. Standards</b>	4.1	The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the concerned institution.
<b>5. Use of Contract Documents and Information; Inspection and Audit by the Government</b>	5.1	The Supplier shall not, without the Procuring agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
	5.2	The Supplier shall not, without the Procuring agency's prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of performing the Contract.
	5.3	Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Procuring agency and shall be returned (all copies) to the Procuring agency on completion of the Supplier's performance under the Contract if so required by the Procuring agency.
	5.4	The Supplier shall permit the Procuring agency to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the procuring agency, if so required.
<b>6. Patent Rights</b>	6.1	The Supplier shall indemnify the Procuring agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Procuring agency's country.
<b>7. Performance Security</b>	7.1	Within twenty (20) days of receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring agency the performance security in the amount specified in SCC.
	7.2	The proceeds of the performance security shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
	7.3	The performance security shall be denominated in the currency of the Contract acceptable to the Procuring agency and shall be in one of the following forms:  a. a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring agency's country, in the form provided in the bidding documents or another form acceptable to the Procuring agency; or  b. a cashier's or certified check.

	7.4	The performance security will be discharged by the Procuring agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.
<b>8. Inspections and Tests</b>	8.1	The Procuring agency or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring agency. SCC and the Technical Specifications shall specify what inspections and tests the Procuring agency requires and where they are to be conducted. The Procuring agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
	8.2	The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring agency.
	8.3	Should any inspected or tested Goods fail to conform to the Specifications, the Procuring agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring agency.
	8.4	The Procuring agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Procuring agency's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Procuring agency or its representative prior to the Goods' shipment from the country of origin.
	8.5	Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.
<b>9. Packing</b>	9.1	The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
	9.2	The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Procuring agency.
<b>10. Delivery and Documents</b>	10.1	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details

		of shipping and/or other documents to be furnished by the Supplier are specified in SCC.
	10.2	Documents to be submitted by the Supplier are specified in SCC.
<b>11. Insurance</b>	11.1	The Goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after having been delivered, hence insurance coverage is sellers responsibility.
<b>12. Transportation</b>	12.1	The Supplier is required under the Contact to transport the Goods to a specified place of destination within the Procuring agency's country, transport to such place of destination in the Procuring agency's country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.
<b>13. Incidental Services</b>	13.1	The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC: <ul style="list-style-type: none"> <li>a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li> <li>b. furnishing of tools required for assembly and / or maintenance of the supplied Goods;</li> <li>c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> <li>d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and</li> <li>e. training of the Procuring agency's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.</li> </ul>
	13.2	Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged for other parties by the Supplier for similar services.
<b>14. Spare Parts</b>	14.1	As specified in SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier: <ul style="list-style-type: none"> <li>a. such spare parts as the Procuring agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and</li> <li>b. in the event of termination of production of the spare parts: <ul style="list-style-type: none"> <li>i. advance notification to the Procuring agency of the pending termination, in sufficient time to permit the Procuring agency to procure needed requirements;</li> <li>ii. Following such termination, furnishing at no cost to the Procuring agency, the blueprints, drawings, and specifications</li> </ul> </li> </ul>

		of the spare parts, if requested.
<b>15. Warranty</b>	15.1	The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
	15.2	This warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.
	15.3	The Procuring agency shall promptly notify the Supplier in writing of any claims arising under this warranty.
	15.4	Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Procuring agency.
	15.5	If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, within a reasonable period, the Procuring agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring agency may have against the Supplier under the Contract.
<b>16. Payment</b>	16.1	The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.
	16.2	The Supplier's request(s) for payment shall be made to the Procuring agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the Contract.
	16.3	Payments shall be made promptly by the Procuring agency, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier.
	16.4	The currency of payment is Pak. Rupees.
<b>17. Prices</b>	17.1	Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in SCC or in the Procuring agency's request for bid validity extension, as the case may be.
<b>18. Change Orders</b>	18.1	The Procuring agency may at any time, by a written order given to the

		Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract in any one or more of the following: <ul style="list-style-type: none"> <li>a. drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring agency;</li> <li>b. the method of shipment or packing;</li> <li>c. the place of delivery; and/or</li> <li>d. the Services to be provided by the Supplier.</li> </ul>
	18.2	If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Procuring agency's change order.
<b>19. Contract Amendments</b>	19.1	Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
<b>20. Assignment</b>	20.1	The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Procuring agency's prior written consent.
<b>21. Subcontracts</b>	21.1	The Supplier shall notify the Procuring agency in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.
	21.2	Subcontracts must comply with the provisions of GCC Clause 3.
<b>22. Delays in the Supplier's Performance</b>	22.1	Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring agency in the Schedule of Requirements.
	22.2	If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.
	22.3	Except as provided under GCC Clause 25, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of liquidated damages.
<b>23. Liquidated Damages</b>	2.31	Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed

		Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring agency may consider termination of the Contract pursuant to GCC Clause 24.
<b>24. Termination for Default</b>	24.1	<p>The Procuring agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:</p> <ul style="list-style-type: none"> <li>a. if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring agency pursuant to GCC Clause 22; or</li> <li>b. if the Supplier fails to perform any other obligation(s) under the Contract.</li> <li>c. if the Supplier, in the judgment of the Procuring agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.</li> </ul> <p>For the purpose of this clause:</p> <p>“corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.</p> <p>“fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.</p>
	24.2	In the event the Procuring agency terminates the Contract in whole or in part, pursuant to GCC Clause 24.1, the Procuring agency may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring agency for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.
<b>25. Force Majeure</b>	25.1	Notwithstanding the provisions of GCC Clauses 22, 23, and 24, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
	25.2	For purposes of this clause, “Force Majeure” means an event beyond the control of the Supplier and not involving the Supplier’s fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
	25.3	If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable

		alternative means for performance not prevented by the Force Majeure event.
<b>26. Termination for Insolvency</b>	26.1	The Procuring agency may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring agency.
<b>27. Termination for Convenience</b>	27.1	The Procuring agency, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring agency's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
	27.2	The Goods that are complete and ready for shipment within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Procuring agency at the Contract terms and prices. For the remaining Goods, the Procuring agency may elect: <ul style="list-style-type: none"> <li>a. to have any portion completed and delivered at the Contract terms and prices; and/or</li> <li>b. to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.</li> </ul>
<b>28. Resolution of Disputes</b>	28.1	The Procuring agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
	28.2	If, after thirty (30) days from the commencement of such informal negotiations, the Procuring agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed manner and/or arbitration.
<b>29. Governing Language</b>	29.1	The Contract shall be written in the language specified in SCC. Subject to GCC Clause 30, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.
<b>30. Applicable Law</b>	30.1	The Contract shall be interpreted in accordance with the laws of the Procuring agency's country, unless otherwise specified in SCC.
<b>31. Notices</b>	31.1	Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by cable, telex, or facsimile and confirmed in writing to the other party's address specified in SCC.
	31.2	A notice shall be effective when delivered or on the notice's effective date, whichever is later.
<b>32. Taxes and Duties</b>	32.1	Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Procuring agency.



**KHYBER MEDICAL UNIVERSITY, KHYBER  
PAKHTUNKHWA**

**Standard Bidding Documents**

**For National Competitive Bidding  
Pakistan**

**For**

**Procurement Skill Lab Equipments, Glassware, General And It  
Equipments For Establishment Of Institutes Of Nursing And Medical  
Technologies**

**PART TWO (PROCUREMENT SPECIFIC PROVISIONS)**

- Invitation for Bids (IFB)
- Bid Data Sheet (BDS)
- Special Conditions of Contract (SCC)
- Schedule of Requirements
- Technical Specifications
- Sample Forms
- Eligibility

## Preface

These Bidding Documents have been prepared for use by procuring agencies in the procurement of goods through National Competitive Bidding (NCB).

In order to simplify the preparation of bidding documents for each procurement, the Bidding Documents are grouped in two parts based on provisions which are fixed and that which are specific for each procurement. Provisions which are intended to be used unchanged are in Part one, which includes Section I, Instructions to Bidders, and Section II, General Conditions of Contract. Data and provisions specific to each procurement and contract are included in Part Two which includes Section II, Bid Data Sheet; Section III, Special Conditions of Contract; Section IV, Schedule of Requirements; Section V, Technical Specifications; and the forms to be used in Section I, Invitation for Bids, and Section VI, Sample Forms.

This is Part Two and contains data and provisions specific to each procurement. Care should be taken to check the relevance of the provisions of the Bidding Documents against the requirements of the specific goods to be procured. The following general directions should be observed when using the documents. In addition, each section is prepared with notes intended only as information for the Procuring agency or the person drafting the bidding documents. They shall not be included in the final documents, except for the notes introducing Section VI, Forms, where the information is useful for the Bidder.

- a. Specific details, such as the “name of the Procuring agency” and “address for bid submission,” should be furnished in the Invitation for Bids, in the Bid Data Sheet, and in the Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- b. Amendments, if any, to the Instructions to Bidders and to the General Conditions of Contract should be made through the Bid Data Sheet and the Special Conditions of Contract, respectively.
- c. Footnotes or notes in italics included in the Invitation for Bids, Bid Data Sheet, Special Conditions of Contract, and in the Schedule of Requirements are not part of the text of the document, although they contain instructions that the Procuring agency should strictly follow. The final document should contain no footnotes.
- d. The criteria for bid evaluation and the various methods of evaluation in the Instructions to Bidders (Clauses 25.3 and 25.4, respectively) should be carefully reviewed. Only those that are selected to be used for the procurement in question should be retained and expanded, as required, in the Bid Data Sheet or in the Technical Specifications, as appropriate. The criteria that are not applicable should be deleted from the Bid Data Sheet.
- e. Clauses included in the Special Conditions of Contract are illustrative of the provisions that should be drafted specifically by the Procuring agency for each procurement.
- f. The forms provided in Section VI should be completed by the Bidder or the Supplier; the footnotes in these forms should remain, since they contain instructions which the Bidder or the Supplier should follow.

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Part Two  
Section I. Invitation for Bids



**KHYBER MEDICAL UNIVERSITY**

Committed to Excellence in Academic & Research

## TENDER NOTICE

The Khyber Medical University, Peshawar invites sealed tenders for the following items from Manufacturers/ Importers/ Authorized Dealers duly registered with Sales Tax, Income Tax (who are on ACTIVE TAX PAYERS LIST of FBR) and Excise & Taxation Department of Khyber Pakhtunkhwa.

### Description of Items

Skill lab equipment, Glassware and IT equipments

- The method of selection will be single stage two envelopes procedure.
- The bidding documents including quantity, specification and detailed terms & conditions will be available on KMU website [www.kmu.edu.pk](http://www.kmu.edu.pk) and KPPRA website [www.kppra.gov.pk](http://www.kppra.gov.pk) from **03-02-2022 to 21-02-2022 (0800 Hours to 1530 Hours)**.
- The Bid may be dropped in the tender box placed in the KMU Administration Block, Peshawar positively by **21/02/2022 (1100 hours)**.
- The Bids/Technical Proposals will be opened in the KMU Committee Room on **21/02/2022 at 1130 hours** by the KMU Purchase Committee in the presence of the bidders or their representatives who choose to attend.
- Taxes will be deducted as per Govt: Rules.

Adv # 05/2022

**Chairman Purchase Committee**

Khyber Medical University

Phase-v, Hayatabad, Peshawar

Phone: 091-9217703, Fax: 091-9217704

KMU Media

13x2

**Section II. Bid Data Sheet**  
**BID DATA SHEET**

<b>ITB Ref.</b>	<b>Introduction/Description</b>	<b>Detail</b>
<b>ITB 1.1</b>	Name of Procuring Agency of Government of Khyber Pakhtunkhwa.	KMU , Phase 5, Hayatabad Peshawar
<b>ITB 1.1</b>	Loan or credit or Project allocation number. Loan or credit or Project allocation amount.	Not Applicable
<b>ITB 1.1</b>	Name of Project	Procurement Skill Lab Equipments, Glassware, General and IT Equipments
<b>ITB 1.1</b>	Name of Contract	Open Agreement
<b>ITB 4.1</b>	Name of Procuring agency.	Khyber Medical University, Phase 5, Hayatabad Peshawar
<b>ITB 6.1</b>	Procuring agency's address, telephone, telex, and facsimile, numbers.	KMU , Phase 5, Hayatabad Peshawar Tel No: 091- 9217703 Fax No: 091- 9217704 Email: <b>posection@kmu.edu.pk</b>
<b>ITB 8.1</b>	Language of the bid.	English
<b>Bid Price and Currency</b>		
<b>ITB 11.2</b>	Price quoted shall be:	Pakistan Rupees (Rs.)
<b>ITB 11.5</b>	The price shall be fixed	The price shall be fixed and valid till 30 <sup>th</sup> March 2022
<b>Preparation and Submission of Bids</b>		
<b>ITB 13.3 (d)</b>	Qualification requirements.	I. Manufacturers & authorized/ sole agents for IT Equipments.
<b>ITB 14.3 (b)</b>	Spare parts required for ----- of years of operation	1) Three Years free of cost provision of services and spare parts under warranty period. 2) Two Years free of cost service without spare parts. 3) Ten Years parts availability in market and will provide certificate for the same.
<b>ITB 15.1</b>	Amount of bid security.	2% of the Bid value from each bidder in the shape acceptable as per KPPRA Act & Rules except PO in the name of Treasurer, KMU.
<b>ITB 16.1</b>	Bid validity period.	30/03/2022
<b>ITB 17.1</b>	Number of copies.	One (original bid)
<b>ITB 18.2 (a)</b>	Address for bid submission.	Tender Box, Main Admin Block, KMU , Phase 5, Hayatabad Peshawar .
<b>ITB 18.2 (b)</b>	IFB title and number.	For Procurement of Equipment, Chemical & Glassware for KMU-IPS for FY 2021-22
<b>ITB 19.1</b>	Deadline for bid submission.	<b>Before and up to 11:00 AM, 21 February, 2022</b>
<b>ITB 22.1</b>	Time, Date, and Place for bid opening.	<b>11:30 hours, 21th February, 2022</b> Committee Room, KMU, Phase 5, Hayatabad Peshawar.

<b>Bid Evaluation</b>		
<b>ITB 25.3</b>	Criteria for bid evaluation.	Least Cost System The Technical Proposal of a bidder will be declared responsive if it is meeting the advertised specification, having proof of Authorized Dealership/Sole Distributor/ Manufacturers, and registered with all the Govt taxation authorities including Khyber Pakhtunkhwa Excise & Taxation deptt.:
<b>ITB 25.4 (a)</b>	One option only	Not Applicable
<b>ITB 25.4 (b)</b>	Delivery schedule. Relevant parameters in accordance with option selected.	
<b>Option I</b>	Adjustment expressed as a percentage, or adjustment expressed in an amount in the currency of bid evaluation, or adjustment expressed in an amount in the currency of bid evaluation.	Not Applicable
<b>Option II</b>		
<b>Option III</b>		
<b>ITB 25.4 (c)(ii)</b>	Deviation in payment schedule. Annual interest rate.	Not Applicable
<b>ITB 25.4 (d)</b>	Cost of spare parts.	Not Applicable
<b>ITB 25.4 (e)</b>	Spare parts and after sales service facilities in the Procuring agency's country.	Not Applicable
<b>ITB 25.4 (f)</b>	Operating and maintenance costs.	Not Applicable
<b>ITB 25.4 (g)</b>	Performance and productivity of equipment.	Not Applicable
<b>ITB 25.4 (h)</b>	Details on the evaluation method or reference to the Technical Specifications	As in section on Technical Evaluation of bids.
<b>ITB 25.4 alternative</b>	Specify the evaluation factors.	Not Applicable
<b>Contract Award</b>		
<b>ITB 29.1</b>	Percentage for quantity increase or decrease.	Not Applicable

## **Section III. Special Conditions of Contract**

### **Notes on the Special Conditions of Contract**

Similar to the Bid Data Sheet in Section II, the clauses in this Section are intended to assist the Procuring agency in providing contract-specific information in relation to corresponding clauses in the General Conditions of Contract.

The provisions of Section III complement the General Conditions of Contract included in Part one, Section II, specifying contractual requirements linked to the special circumstances of the Procuring agency, the Procuring agency's country, the sector, and the Goods purchased. In preparing Section III, the following aspects should be checked:

- a. Information that complements provisions of Part one Section II must be incorporated.
- b. Amendments and/or supplements to provisions of Part one Section II, as necessitated by the circumstances of the specific purchase, must also be incorporated.

## Section III. Special Conditions of Contract

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## **Special Conditions of Contract**

The following Special Conditions of Contract shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

### **1. Definitions (GCC Clause 1)**

#### **Definitions (GCC Clause 1)**

GCC 1.1 (c) The Skill Lab Equipments, Glassware, General and IT Equipments etc.

GCC 1.1 (g) **The Procuring & Purchasing Agency is: Khyber Medical University, Hayatabad Peshawar Khyber Pakhtunkhwa, and**

GCC 1.1 (i) The Supplier is: Manufacturers &/or authorized agent &/or sole distributor registered with relevant tax authorities as elaborated in bid cover sheet and relevant regulatory body, wherever applicable (where applicable) and have requisite qualification, capacity and eligibility for supply of Goods.

#### **Sample Provision:**

**GCC 1.1 (j)**—The Project Site is: Procurement wing Chancellor, Hayatabad Peshawar Khyber Pakhtunkhwa

When required, the Focal Person of the bidder will be informed on phone or through email to provide samples of the items in sufficient / required quantity for examination / analysis /expert opinion to the office of the Chairman Purchase Committee, KMU, Hayatabad Peshawar Khyber Pakhtunkhwa at bidder's own risk and cost at the time and date communicated. The samples will be non-returnable and no payment what so ever shall be payable to bidder / Focal Person on this account in the name of price/transportation charges etc.

- a. The bidder shall be required to submit sample of their quoted product/s, which shall be used to check the conformity of the quoted item/s specifications with the specifications of the same item/s as laid down in these SBDs, by the sample evaluation team of expert/s. In case of non-adherence of the submitted sample to the approved specification as laid down in these SBDs shall be rejected.
- b. The sample of item/s submitted by the successful bidder shall be retained by the purchasing agency till the supplies are completed and checked with the sample provided by the successful bidder

### **2. Country of Origin (GCC Clause 3)**

All countries and territories as indicated in Part Two Section VI of the bidding documents, “Eligibility for the Provisions of Goods, Works, and Services in Government-Financed Procurement”.

### **3. Performance Security (GCC Clause-7)**

**GCC 7.1**—the amount of performance security, as a percentage of the Contract Price, shall be: Ten (10%) percent of the Supply order / working order subject to following conditions.

1. In case of initial supply order the performance security shall be submitted prior to contract award / signing of contract, however, for subsequent supply orders the performance security shall be submitted within 15 days of placement of supply order.

### **4. Standards (GCC Clause 4):** As mentioned in GCC clause 4.1.

- i. Any other standard as offered by the successful bidder in their technical bid for claiming the marks of additional feature of technical evaluation criteria of these SBDs.

**5. Inspections and Tests (GCC Clause 8 and in accordance with the clauses of contract with the Procuring Agency)**

- i. The Physical Inspection of the samples for compliance of Technical Evaluation shall be conducted by the KMU-IPS expert/s constituted by the Procurement Committee of KMU-IPS to:
  - a. undertake examination of the original documents as mentioned in the Bid Cover Sheet (Bid Form-1) of these SBDs, and the attested copies of which had been submitted by the bidder/s along with the technical bids; and
  - b. undertake the physical inspection of the samples to verify the status of conformance with specification for the quoted item/s as laid down in the BSD.
- ii. The bidder shall be disqualified for competition, if Inspection Team/s declare that the bidder did not meet the mandatory requirements for qualification at the time of inspection of samples as mentioned in these BSDs for various categories of Suppliers.
- iii. Any other appropriate method/arrangements may be adopted by the Purchase & Technical Committee of KMU to assess and/or assure the quality of goods being purchased and / or supplied to the Procuring entity.

**6. Packing (GCC Clause 9)**

The successful bidder shall make supplies of quoted item/s in accordance with the following:

- i. Provisions contained in the GCC Clause 9 of these SBDs; and
- ii. Relevant clauses of contract agreement of KMU with the Supplier/s (Bid Form-6 of these SBDs –Rate Contract Agreement).
- iii. However, the name of Goods (Generic & Brand), equally prominent, should be printed/written in indelible ink both in English (Urdu, where applicable by relevant Law) on the outer cartons and on each item. Besides the name and principal place of business of the manufacturer, the manufacturing license No.(if applicable), manufacturing date expiry date, registration No. (if applicable), batch No., retail price(if applicable).

**7. Delivery and Documents (GCC Clause 10)**

**Applicable Delivery Mode:** Delivered Duty Paid (DDP) as per contract agreement of the successful bidder with the Procuring Agency.

The Supplier shall provide the following documents to the Purchasing Agency:

- i. Copies of the Supplier's invoice showing Goods' description, quantity, unit price, expiry date and total amount;
- ii. Usual transport documents which the buyer may require to take the goods;
- iii. Manufacturer's / Importer's prescribed warranty certificate if applicable;
- iv. The supplier shall be responsible to transport the item/s in a manner that the appropriate and required storage temperature is continuously and properly maintained during transportation from supplier till delivery to the Procuring entity. In case of item/s requiring the maintenance of cold chain, the supplier shall be under obligation to provide valid and appropriate evidence to the Procuring entity to the effect that end to end cold chain of the supplied item/s has adequately been maintained during transportation of the said item/s to the Procuring entity for example provision of data logger.

**8. Insurance (GCC Clause 11)**

GCC 11.1— The Goods supplied under the Contract shall be delivered duty paid (DDP)

under which risk is transferred to the buyer after having been delivered, hence insurance coverage is seller's responsibility. Since the Insurance is seller's responsibility they may arrange appropriate coverage.

9. **Incidental Services (as per GCC Clause 13).**
10. **Spare Parts (as per GCC Clause 14 and contract agreement of the SBD).**
11. **Warranty (GCC Clause 15)**

Three Years free of cost provision of services and spare parts under warranty period.

Two Years free of cost service without spare parts.

Ten Years parts availability in market and will provide certificate for the same.

12. **Payment (GCC Clause 16):**  
GCC Clause 16 as well as under the terms and condition in Rate Contract Agreement (Bid Form-6) with the Procuring Agency.

Payment shall be made in **Pak. Rupees** in accordance with the relevant government rules, regulations and procedures.

13. **Prices (GCC Clause 17)**
  - i) The bidder shall not quote price/s of any item/s which is/are higher than the prices quoted by the bidder across the country to any entity procuring the quoted item/s through public funding in the same year.
  - ii) In case of Screening kits, Consumables and Medical Devices, the bidder shall not quote the prices more than the prevailing market trade price of the quoted item/s for bulk purchases.
  - iii) An undertaking on judicial stamp paper may be provided by the bidder ensuring point i and ii above.

**14. Liquidated Damages (GCC Clause 23)**

As in relevant clauses of the Rate Contract Agreement signed by the Supplier with the Procuring Agency.

**15. Disputes Resolution (GCC Clause 28)**

The dispute resolution mechanism to be applied will be pursuant to relevant clauses of Rate Contract Agreement (Bid Form-6) between the Supplier and the Procuring Agency.

If at all required, the jurisdiction of Court shall be of Peshawar, Khyber Pakhtunkhwa.

**16. Governing Language (GCC Clause 29)**

The Governing Language shall be: **English.**

**17. Applicable Law (GCC Clause 30)**

The Contract shall be interpreted in accordance with all the relevant laws of Islamic Republic of Pakistan which include, but not limited to, the following legislations:

- i. The KPPRA Act 2012
- ii. The KPPRA Rules 2014
- iii. The General Financial Rules of the Government of Khyber Pakhtunkhwa and all the relevant laws, rules and regulations pertaining to budgeting and financial management of public funds.
- iv. The Employment of Children (ECA) Act 1991
- v. The Bonded Labour System (Abolition) Act of 1992

- vi. The Factories Act 1934
- vii. The Contract Agreement Act 1872
- viii. Environmental Protection Act Khyber Pakhtunkhwa 2014

**18. Notices (GCC Clause 31)**

GCC 31.1—Procuring Agency address for notice purposes:

**Office of the Chairman Purchase Committee, Hayatabad Phase 5, Peshawar, Khyber Pakhtunkhwa.**

**Tel: 091-9217703**

**Fax: 091-9217704**

**Email: posection@kmu.edu.pk**

**Supplier's address for notice purposes:** As mentioned in their bidding documents

**19. Duties & Taxes (GCC clause 32)**

The Unit price quoted by the bidder shall be: **inclusive** of all applicable duties and taxes.

## Section IV. Schedule of Requirements

### DEMAND LIST FOR THE ESTABLISHMENT OF SKILL LABS AT INS

#### KHYBER MEDICAL UNIVERSITY

S/No.	Name of Item	Specification	Quantity
1.	Fowler Bed (length=210cm, width=91cm, height=55cm)	<ul style="list-style-type: none"> <li>• Suitable for positions of Backrest &amp; Knee rest with the help of two screw mechanism</li> <li>• Four section uniformly perforated 18 Swg CRCA Sheet</li> <li>• Bed frame made in ERW tubes</li> <li>• Head and Foot Bows made of high quality ABS Engineering Plastic</li> <li>• Available with Aluminum side railings for patient safety, telescopic adjustable I.V. Rod, 100 mm dia castors</li> <li>• Pre treated &amp; Epoxy powder coated</li> <li>• Supplied in KDC</li> </ul>	5
2. 2	Microscope Binocular	<ul style="list-style-type: none"> <li>• U shaped stand with plastic hand rest</li> <li>• Binocular tube, 45° inclined, 360° rotatable, IPD 54-74 mm</li> <li>• Wide Field eyepiece WF 10x/18mm paired with foldable eye guards</li> <li>• Quadruple Reverse angle nosepiece (Ball bearing type), with rubber grip</li> <li>• RP series DIN Semi Plan Achromatic objectives 4x, 10x, 40x (spring),</li> <li>• 100x (spring, Oil)</li> <li>• Mechanical stage rectangular 150 x 135mm double plate with cross travel</li> <li>• 76 x 50mm on ball bearing with co-axial control</li> <li>• Sub-stage ABBE condenser NA 1.25 with aspheric lens. Iris diaphragm and special day light blue filter. Co-axial coarse and fine focusing mechanism with tension control</li> <li>• Fine focus graduation 2.0μ</li> <li>• Illumination system 12V-20W Halogen with intensity control.</li> <li>• Universal power supply (110V-240V) UL, CE approved</li> <li>• Packed in molded Styrofoam box, with operation manual, allen wrench, dust cover, cleaning cloth, power cord and fuse 2.5A 2 nos</li> </ul>	15
3. 3	Stretcher trolley manually hi-low	<ul style="list-style-type: none"> <li>• Stretcher trolley with adjustable Back rest &amp; adjustable height.</li> </ul>	1

	(Length=200cm, width=63cm, height=80cm)	<ul style="list-style-type: none"> <li>• Back Rest adjustable by gas spring &amp; Height adjustable by crank mechanism.</li> <li>• Size: 1930 × 595 × 530/820 mm.</li> <li>• Framework made of mild steel epoxy coated finish with ABS Plastic Top.</li> <li>• Two easy lifting guardrails (One on each side) made of PE engineering plastic, which are safe and reliable, and can be fixed upward and downward.</li> <li>• 125mm dia noiseless castors with simultaneous braking system which locks / unlocks 2 castors with single pedal press.</li> <li>• Equipped with separate directional wheel (5th Wheel) for easy operation only by one person.</li> <li>• International quality structure and functionality to satisfy the needs of the best hospital and Operation theaters.</li> </ul>	
4. 4	Side Food Table (length=81cm, width=40.5, height=96+112)	<ul style="list-style-type: none"> <li>• 4 wheels</li> <li>• 2 feet</li> <li>• Stainless Steel</li> </ul>	3
5. 5	Bed side Locker (length=40cm, width=40cm, height=80cm)	<ul style="list-style-type: none"> <li>• Bedside locker complete with pull-out drawer on rail made of sheet-steel. internal metal shelf with perforated base for a better ventilation 50mm castors 4 castors two with brake, 1 set of spare keys.</li> <li>• knock down construction.</li> <li>• white</li> </ul>	5
6. 6	Dressing Trolley (length=60cm, Width=45cm, height=85cm)	<ul style="list-style-type: none"> <li>• Tubular frame powder coated with two heavy stainless steel shelves.</li> <li>• Mounted on four castors of 10cm dia.</li> <li>• Protective railing on four sides on both shelves.</li> <li>• Available with bowl and bucket.</li> <li>• Knock down construction.</li> </ul>	3
7. 7	Foot step double/foot stool (Length=51cm, width=40cm, Height=32.5cm)	<ul style="list-style-type: none"> <li>• Double Foot Step FSS3</li> <li>• Mild Steel Construction</li> <li>• Anti Slip Rubber Mats</li> <li>• Anti Slip Rubber Stumps</li> <li>• Mounted on Rubber Stumps</li> </ul>	5
8. 8	Small folding chair	<ul style="list-style-type: none"> <li>• Mild Steel with upper soft pad</li> <li>• Polished</li> </ul>	20
9. 9	ward Screen Portable	<ul style="list-style-type: none"> <li>• Metal</li> <li>• Stainless steel</li> <li>• MEDIK</li> </ul>	5
10. 1 0	Medical Crash Cart/Medication Trolley	<ul style="list-style-type: none"> <li>• Overall approx dimensions: 900 L x 400 mm W x 1540 mm H</li> <li>• Complete SS Framework and SS Shelves</li> </ul>	2

		<ul style="list-style-type: none"> <li>• Two Polystyrene Lockable Storage units with Three Drawer each</li> <li>• 6 Nos. hand out Bins to keep important supplies easily accessible</li> <li>• Stainless Steel Saline Rod made of 12 mm dia.</li> <li>• Mounted on 125 mm Dia non-rusting swivel casters two with brake</li> <li>• Oxygen Cylinder Cage Epoxy Powder Coated, at one side</li> </ul>	
11.	Cupboard (Glass)		10
12.	White Board	<ul style="list-style-type: none"> <li>• 1 side in white, can be used as a writing board with ink markers.</li> <li>• 1 side in green, can be used as writing board with chalks.</li> <li>• Both sides can be used as a magnetic board</li> </ul>	1
13.	IV Pole/Infusion stand	<ul style="list-style-type: none"> <li>• Two-piece telescoping 1" (25mm)-diameter tubular 16 gauge type 304 stainless steel pole.</li> <li>• 20" (51mm)-diameter, 17-lb. (7.7 kg), five-leg black epoxy coated height-weight base.</li> <li>• 3" (76mm) premium swivel casters with rubber wheel— two with brake.</li> <li>• Knob-operated height adjustment from 68" to 99" (1727 to 2515mm).</li> <li>• Four-hook top. • Holds up to 20 lbs. (9.0 kg) of I.V. fluid. • Easy-to-clean surfaces.</li> </ul>	5
14.	Pedal Bins (Height 38.5cm, capacity 12Litre)	<ul style="list-style-type: none"> <li>• Stainless steel structure</li> <li>• Removable plastic basket inside</li> <li>• Capacity of 5 liters</li> <li>• Dimensions 20x20x28cm</li> </ul>	3
15.	Hamper Bag/Linen Trolley ( chrome plated )	<ul style="list-style-type: none"> <li>• Portable</li> <li>• Cylindrical</li> <li>• 4 wheels</li> <li>• Para shoot cloth</li> </ul>	5
16.	Examination couch	<ul style="list-style-type: none"> <li>• Overall Approx size:187L x 51W x 81H.</li> <li>• Adjustable backrest by gas spring system.</li> <li>• Two section Foam padded, upholstered top.</li> <li>• Provided with three Drawers and three Cabinets.</li> <li>• Tray for B.P. Apparatus provided near head rest.</li> <li>• Finish : Pre treated &amp; Epoxy Powder Coated.</li> </ul>	2
17.	Instrument trolley with 2 large shelves (length=76cm,	<ul style="list-style-type: none"> <li>• Meets BS4068:1977 Specification for hospital trolleys for instruments, dressings &amp; for anaesthetists' use</li> </ul>	2

	width=46cm, heigh=85cm)	<ul style="list-style-type: none"> <li>• Seamlessly welded from 304 grade stainless steel for strength &amp; ease of cleaning</li> <li>• Flat or reversible 304 grade stainless steel shelves, cushioned on anti-static spiral buffers (removable for cleaning)</li> <li>• Reversible shelves allow the end user to choose between a flat shelf or a shelf with three upturned sides</li> <li>• Shelf heights 405 &amp; 870mm</li> <li>• Maximum capacity per shelf 40kg</li> <li>• 75mm pressed steel non-marking castors (1 x anti-static, 3 x non</li> </ul>	
18.	Baby photo therapy unit.	<ul style="list-style-type: none"> <li>• Hi Bright Blue LED Technology</li> <li>• Spectral Irradiance &gt; 35µ W/ cm<sup>2</sup> nm brings superior intensity for faster curing</li> <li>• No Ultra violet – No Skin rashes</li> <li>• No Infrared – No Fluid loss/weight loss / Hyperthermia. This reduces the need for replenishing fluid loss in the newborn</li> <li>• Totalizer timer (non resettable) for measuring lifetime LED usage</li> <li>• Lower power consumption</li> <li>• At 50x30 cms, I REX 10 covers maximum base surface area of the newborn</li> <li>• I REX 10s smaller bezels ensure that the overall size of the PT head is not too large to obstruct caretakers from their duties</li> <li>• Lamp Head Tilt up to 90° in either direction makes it easy to use alongside infant warmer</li> <li>• Clean, functional design. The well balanced Phototherapy stand is made of galvanized steel with epoxy powder coated finish, thus giving the machine an elegant look and yet is very easy to clean</li> <li>• Low Power consumption: Long Life of LED source &gt; 50,000 Hours (with minimal lumen depreciation) vis a vis the standard 2500 hours for CFL Phototherapy unit</li> <li>• Small footprint: Ergonomic Y shaped design helps not only in terms of balance and sturdiness; it is also useful for minimizing footprint as the PT can easily slide under most warmers and bassinets. This provides more space in NICUs</li> <li>• I REX 10 automatically cuts off at 85°C, thus offering higher safety during day to day operations</li> </ul>	2

19.	Notice board (Small)	<ul style="list-style-type: none"> <li>• Pin UP/Soft Notice Board</li> <li>• It is Green in colour</li> <li>• It is 2 X 3 Feet</li> </ul>	1
20.	Bench (wooden)	<ul style="list-style-type: none"> <li>• Wooden long bench chair</li> <li>• Plastic wood or solid wood</li> <li>• High quality cast iron</li> <li>• Anti-corrosion, eco-friendly, comfortable, durable</li> </ul>	5
21.	Plastic bucket	<ul style="list-style-type: none"> <li>• PPCP material</li> </ul>	10
22.	Steel Basin (30x100mm)	<ul style="list-style-type: none"> <li>• Stainless steel</li> <li>• Bowl</li> </ul>	10
23.	Measuring Jug Plastic (1Litre)	<ul style="list-style-type: none"> <li>• 1 Liter Clear Plastic Graduated Measuring Jug</li> </ul>	5
24.	Plastic Mug (Small)	<ul style="list-style-type: none"> <li>• Clear Plastic Graduated Measuring mug</li> </ul>	10
25.	Wall Oxygen bottles	<ul style="list-style-type: none"> <li>• Model Number: YQY-740W</li> <li>• service medium: oxygen</li> <li>• Max Inlet Pressure: 150bar</li> <li>• Max.outlet pressure: 3bar</li> <li>• Nominal flowrate: 1-10L/min,1-15L/min</li> <li>• Inlet thread connect valve:</li> </ul>	5
26.	Wall Suction bottles	<ul style="list-style-type: none"> <li>• Vacuum Controller Gauge : Low -0.133 to -10.6 kPa (-1 to -80 mmHg)</li> <li>• Med -10.6 to -16 kPa (-80 to -120 mmHg) / High -16 to -26.6 kPa (-120 to -200 mmHg) / Full -26.6 kPa (-200 mmHg) to Suction pressure</li> <li>• Suction Pressure Control Range: -40 to -101.3 kPa (-300 to -760 mmHg) / Full Vacuum</li> <li>• Suction Mode: Off - Suction Pressure Interception</li> <li>• Reg - Continuous suction in regulated pressure</li> <li>• Full - Supply maximum suction pressure</li> <li>• Drainage Unit(Optional): Capacity : 1.2L - Overfill protector adoption / Combination Method : One Touch combination</li> <li>• Operating environment. : Normal temperature 15°C to 60°C</li> </ul>	5
27. 2 7	Plastic bed pan	<ul style="list-style-type: none"> <li>• Package Dimensions : 3.2x 11.4x 13.6 Ounces 11.68 ;inches</li> <li>• Manufacturer : ONEDONE</li> </ul>	5
28. 2 8	ECG Machine	Microprocessor augmented automatic electrocardiograph; 10-leadwire, 12-lead simultaneous acquisition with programmable lead configuration.	1

		<ul style="list-style-type: none"> <li>• Display type 4" color TFT Display resolution 800 x 480 pixels Display data Heart rate, patient ID, clock, battery power indicator, waveforms, lead labels, speed, gain and filter settings, warning messages, prompts, and help messages 12-lead display and 3 channel simultaneous printout, Writer technology: Thermal dot array</li> </ul> <p><b>Electrical:</b></p> <ul style="list-style-type: none"> <li>• Power supply: External AC/DC adaptor or battery operation</li> <li>• External Adaptor Specifications</li> <li>• Input voltage: 100 to 240 VAC ±10%</li> <li>• Input current: Maximum 0.6A @ 90 VAC, 0.3A @ 240 VAC</li> <li>• Input frequency: 50 to 60 Hz ± 3Hz</li> <li>• Output voltage: 12V ± 5%</li> <li>• Automatic ECG interpretation, analysis and reporting</li> <li>• The age group for infant patients starting from less than one day and the algorithm should consider the pediatric age group precisely.</li> <li>• Interpretation program should provide a simultaneous leads/beat alignment/measure across all leads</li> <li>• Should have visual alarm for open lead and wrong lead placement</li> </ul> <p><b>Battery:</b></p> <ul style="list-style-type: none"> <li>• Battery type: Replaceable and rechargeable, Lithium Ion</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>• Lead wire and electrode adaptor set 10-lead patient Cable</li> <li>• Electrodes</li> <li>• power Cord</li> <li>• Roll paper</li> </ul>	
29. 2 9	Glucometer+Strips	<p>Product description</p> <ul style="list-style-type: none"> <li>• Prodigy's Auto Code Blood Glucose Monitoring System consists of 100 test strips + a FREE Meter system.</li> </ul> <p>Features:</p> <ul style="list-style-type: none"> <li>• No Coding Required</li> <li>• High accuracy</li> <li>• Auto calibration circuitry inside each test strip</li> <li>• Easy to Use</li> <li>• Speaks in 4 Languages</li> <li>• Meter turns on by inserting the test strip</li> <li>• Option for verbal prompts</li> <li>• guiding you through the testing process</li> </ul>	2

		<ul style="list-style-type: none"> <li>• Capillary Action automatically draws the blood sample into the test strip</li> <li>• Hear and see your test results in just 7 seconds</li> <li>• Approved for Alternate Site Testing (Forearm, Upper Arm, Thigh, Calf &amp; Palm)</li> <li>• USB Port for Uploading Test Results</li> <li>• Stores 450 test results</li> <li>• U.S. based Customer Support</li> <li>• Limited Lifetime Warranty.</li> </ul> <p>Contents:</p> <ul style="list-style-type: none"> <li>• Prodigy Auto Code Meter</li> <li>• Prodigy No Coding Blood Glucose Test Strips (2 x 50 Ct Vials)</li> <li>• Prodigy Adjustable Depth Lancing Device</li> <li>• Prodigy Twist Top Lancets (10ct), "AAA" Batteries (2)</li> <li>• Carrying Case,</li> <li>• Owner's Manual,</li> <li>• Quick Reference Guide,</li> <li>• Warranty Card and Log Book.</li> <li>• About Prodigy Test Strips:</li> <li>• Most affordable on the market.</li> <li>• Prodigy test strips fit the Prodigy Auto Code, Prodigy Pocket and Prodigy Voice.</li> <li>•</li> </ul>	
30.30	Baby Incubator	<ul style="list-style-type: none"> <li>• Microprocessor based servo controlled temperature system</li> <li>• Controlled mode: Air and baby skin mode.</li> <li>• Air temperature control range:25°C -38°C (&gt;37°C temperature setting.)</li> <li>• Set temperature, air temperature, baby skin temperature,</li> <li>• Triple protection</li> <li>• Audio and Visual alarm function for Power failure, temperature deviation, over temperature, temperature sensor failure and fan failure.</li> <li>• Inclination of infant bed is adjustable.</li> <li>• Double wall hood, 4 operation windows &amp; 2 IRIS port.</li> <li>• Humidity is adjustable continuously</li> <li>• Independent lock for front door</li> <li>• LED Phototherapy unit (upside or downside choose any one)</li> <li>• X-Ray cassette tray</li> <li>• RS-232 connector, oxygen inlet</li> <li>•</li> </ul>	1
31.31	Percussion hammer	<ul style="list-style-type: none"> <li>• Chrome Plated Handle with Synthetic Rubber Head</li> </ul>	5

32. 3 2	Instrument trolley with 2 large shelves (length=76cm, width=46cm, height=85cm)	<ul style="list-style-type: none"> <li>• Meets BS4068:1977 Specification for hospital trolleys for instruments, dressings &amp; for anaesthetists' use</li> <li>• Seamlessly welded from 304 grade stainless steel for strength &amp; ease of cleaning</li> <li>• Flat or reversible 304 grade stainless steel shelves, cushioned on anti-static spiral buffers (removable for cleaning)</li> <li>• Reversible shelves allow the end user to choose between a flat shelf or a shelf with three upturned sides</li> <li>• Shelf heights 405 &amp; 870mm</li> <li>• Maximum capacity per shelf 40kg</li> <li>• 75mm pressed steel non-marking castors (1 x anti-static, 3 x non)</li> </ul>	3
33. 3 3	BP Apparatus with adult cuff Mercury	<ul style="list-style-type: none"> <li>• Components:</li> <li>• Aneroid pressure gauge (no stop pin) with an air pressure release-valve.</li> <li>• Rubber bulb with palm fitting handle.</li> <li>• Connector to rubber tube.</li> <li>• <b>Specifications:</b></li> <li>• A sphygmomanometer consists of an inflatable cuff, a measuring unit (the manometer), a tube to connect the two, and an inflation bulb, also connected by a tube to the cuff.</li> <li>• Adult, palm style, sphygmomanometer with one tube, Manometer, aneroid gauge:</li> <li>• An aneroid manometer is a mechanical gauge with a round dial &amp; a needle that rotates to indicate pressure in mmHg.</li> <li>• Inflation bulb with integrated manometer needle gauge.</li> <li>• Gauge graduated 0-300mmHg (min) in 2 (max) mmHg increments, with pressure release valve.</li> </ul>	5
34. 3 4	Baby size cuff	<ul style="list-style-type: none"> <li>• Various cuff connectors to fit major brands monitoring systems;</li> <li>• Reusable for multiple patient use;</li> <li>• Gentle nylon and TPU materials cuff with long enough tube;</li> <li>• Large selection of 9 types cuffs matching the different sizes patients, coded by tubing colors;</li> <li>• Curved ergonomic design, fitting well with the arm;</li> <li>• Convenient to use and easy to clean;</li> <li>• Pass the biocompatibility test, and latex-free;</li> </ul>	2

		<ul style="list-style-type: none"> <li>• Strong enough for repeated inflations;</li> </ul>	
35. 3 5	Teaching stethoscope double ear piece	<ul style="list-style-type: none"> <li>• Machined stainless steel</li> <li>• Double sided</li> <li>• 1.75"</li> <li>• Epoxy/Fiberglass</li> <li>• Tunable diaphragm</li> <li>• Soft sealing</li> <li>• Wide diameter aerospace alloy / anodized aluminum</li> <li>• 40"</li> <li>• 244gm</li> <li>• Adult</li> <li>• 1.25"</li> </ul>	5
36. 3 6	stethoscope	<ul style="list-style-type: none"> <li>• Double cup, dual-use (adult &amp; pediatric auscultation) chest piece in stainless steel or chrome plated brass</li> <li>• Adult diaphragm 43-47mm; pediatric diaphragm 28-36mm</li> <li>• Arms: stainless steel, or chrome brass</li> <li>• Removable plastic earpieces.</li> <li>• Latex-free</li> </ul>	10
37. 3 7	artery forceps 10" stainless steel	<ul style="list-style-type: none"> <li>• <b>Length:</b> 4" (10cm)</li> <li>• <b>Handle:</b> Ring handle</li> <li>• <b>Curvature:</b> Straight</li> <li>• <b>Jaw Style:</b> Fine</li> <li>• <b>Tip Configuration:</b> Side-Grasping</li> <li>• <b>Instrument Type:</b> Artery Forceps</li> <li>• <b>Instrument Grade:</b> OR Grade (German Made)</li> <li>• <b>Material:</b> Surgical Stainless Steel</li> <li>• <b>Usage:</b> Reusable, Non-Sterile</li> </ul>	10
38. 3 8	artery forceps 10" stainless steel (curved)	<ul style="list-style-type: none"> <li>• <b>Length:</b> 4" (10cm)</li> <li>• <b>Handle:</b> Ring handle</li> <li>• <b>Curvature:</b> Curve</li> <li>• <b>Jaw Style:</b> Fine</li> <li>• <b>Tip Configuration:</b> Side-Grasping</li> <li>• <b>Instrument Type:</b> Artery Forceps</li> <li>• <b>Instrument Grade:</b> OR Grade (German Made)</li> <li>• <b>Material:</b> Surgical Stainless Steel</li> <li>• <b>Usage:</b> Reusable, Non-Sterile</li> </ul>	10
39. 3 9	Dissecting forceps plain stainless steel	<ul style="list-style-type: none"> <li>• Package Dimensions : 200 ;cm 4x 5x 10 Grams</li> <li>• Date First Available : 2019June 19</li> <li>• Manufacturer : Surgical Instrument Hub</li> <li>• ASIN : 9YMF87T07B</li> <li>• Item part number :</li> </ul>	5

		"10_Plain_Forceps_Dissecting <ul style="list-style-type: none"> <li>Item Weight : g 200</li> </ul>	
40.40	Nasal speculum stainless steel	<ul style="list-style-type: none"> <li>Stainless Steel</li> <li>ENT Instrument</li> <li>35 mm</li> <li>Nasal Rhinology</li> </ul>	5
41.41	sponge holding forceps	<ul style="list-style-type: none"> <li>Martensitic stainless steel</li> <li>Reused after sterilization</li> <li>Hardness of the instrument is around 38 HRC to 55 HRC.</li> <li>5 x 5 ratcheting system</li> </ul>	5
42.42	oral thermometer	<ul style="list-style-type: none"> <li>Glass mercury thermometer</li> <li>Master brand</li> </ul>	10
43.43	Rectal thermometer	Temperature Range	35-42 Degree Celsius
		Accuracy	0.2 degree celsius
		Color	White
		Auto Off	In 5 mins
		Product Code	CN 276
		Weight	20-30 kg
44.44	Tympanic thermometer	<ul style="list-style-type: none"> <li>Innovative, quick-response ear thermometer features one-touch operation, taking an accurate, non-invasive reading from the tympanic membrane</li> <li>Mechanical probe cover quickly releases used cover without contact, saving time and minimizing the potential for the spread of infection</li> <li>Readings in Fahrenheit and Celsius</li> <li>Safe for use on patients of any age</li> <li>Comes with 10 disposable probe covers; additional are sold separately</li> </ul>	2
45.45	Bowls small	<ul style="list-style-type: none"> <li>Stainless Steel</li> <li>6/4 inch (6 each)</li> </ul>	6
46.46	Electric Torch (Chargeable)	<ul style="list-style-type: none"> <li>Back Screw (on/off)</li> <li>Runtime: &gt;6H</li> <li>Rechargeable Battery</li> <li>Zoomable Tactical Flashlight</li> </ul>	2
47.47	Enema cans Stain Less Steel	<ul style="list-style-type: none"> <li>Portable</li> <li>Economical</li> <li>Available in different sizes</li> <li>Easy to maintain</li> <li>Best quality stainless steel</li> <li>Fine shape</li> <li>Mirror finish</li> </ul>	5
48.48	Feeding Cups Stainless Steel	<ul style="list-style-type: none"> <li>Capacity: 200 ml</li> <li>Color: Silver</li> </ul>	5

		<ul style="list-style-type: none"> <li>• Usage/Application: Hospitals</li> <li>• Material: Stainless Steel</li> <li>• Weight:200gm</li> </ul>	
49. 4 9	Procedure Trolleys	<ul style="list-style-type: none"> <li>• Hospital Trolley</li> <li>• metal, Premium 201/304 stainless steel</li> <li>• K-ST122/K-ST123/K-ST124/K-ST125/K-ST126-K-ST127</li> <li>• 2 or 3 layers</li> <li>• Detachable: Conveniently transport, it is very easy to install.</li> <li>• 2.Premium and thicker material (stainless steel ): Strong bearing capacity / stable and durable.</li> <li>• 3.Comfortable handrail: Push-and-pull without bending over.</li> </ul>	3
50. 5 0	Emergency Trolley	<ul style="list-style-type: none"> <li>• Low level single column easy clean procedure trolley, designed for improved and complete cleaning (including steam cleaning)</li> <li>• Seamlessly welded one piece frame from 304 grade stainless steel (requires no on-site assembly)</li> <li>• Quick and complete removal of top and side panels provides access to all areas for cleaning •</li> <li>• Recessed plastic top (max load 30kg) • Moulded side panels incorporate runners with positive stops, preventing trays from being accidentally withdrawn</li> <li>• ‘Carerail’ fitted to each side of the trolley to support a wide range of accessories</li> <li>• 100/160mm deep translucent high impact plastic trays with integral handle (max load per tray 5kg)</li> <li>• Each tray is supplied with plastic clip on label cover &amp; four removable dividers (2 x long &amp; 2 x short)</li> <li>• Each trolley is supplied with perforated coloured label strips (white, blue, green, yellow &amp; red)</li> <li>• 100mm castors, 2 off braking</li> </ul>	1
51. 5 1	Stainless Steel Male Urinals	<ul style="list-style-type: none"> <li>• Male Urinal Stainless Steel</li> <li>• Brand Zulco International</li> <li>• Essential for anyone who has trouble getting out of bed</li> <li>• Designed to prevent spills</li> <li>• Sturdy grip for easy handling and can be used in several positions by the patient</li> <li>• Lightweight durable and easy to clean</li> </ul>	2

		<ul style="list-style-type: none"> <li>• Graduation marks to measure output</li> </ul>	
52. 5 2	Steel Mouliage Set (Moutn Gauge) Stainless	<ul style="list-style-type: none"> <li>• 1/4" MPT Threads</li> <li>• 0-5000 PSI</li> <li>• 2.5" Face</li> <li>• 140 Degree Max</li> <li>• Glycerine Filled</li> </ul>	5
53. 5 3	Double Bowel Stand	<ul style="list-style-type: none"> <li>• 700 x 500 x 805 H</li> <li>• Stainless steel tube structure 25x25 mm</li> <li>• Twin antistatic Ø 75 mm, 2 with brake</li> <li>• CAPACITY: 6L</li> </ul>	3
54. 5 4	Chattel Forceps	<ul style="list-style-type: none"> <li>• Size - 10 Inches</li> <li>• Material : stainless Steel 410 Grade</li> </ul>	10
55. 5 5	Dissecting Forceps toothed Stainless Steel	<p>Material: Stainless steel Weight: 33 gm Length: 7 cm</p>	12
56. 5 6	Knife B P handle Stainless Steel	<ul style="list-style-type: none"> <li>• Made of premium stainless steel, the BP handle is durable for lasting use</li> <li>• It is a small and extremely sharp bladed instrument used for surgery, anatomical dissection, podiatry and various arts and crafts (called a hobby knife)</li> <li>• Good resistance against corrosion</li> <li>• 400 grams</li> <li>• Pack of 6 pcs</li> </ul>	2
57. 5 7	Anti-Decubitis Air Cussion Clear View	<ul style="list-style-type: none"> <li>• DESIGNED :with a heavy duty air cell network, Portable and lightweight cushion holds up to 360 lbs (160kg) and adds comfort to hard seats</li> <li>• MADE OF : 3 inches high waterproof TPU made without DEHP interconnected double air cell are easy to set up, inflate, and adjust, comes with hand inflation pump</li> <li>• FEATURES : Promotes healthy posture,proper lumbar spine alignment, reduced back pain, increased blood flow to the legs &amp; superior comfort. Helps relieve pain from back injuries, herniated, bulging or degenerated disc, sciatica nerve pain, arthritis, hip pain, sacral joint pain, stenosis, hemorrhoids, pregnancy and other conditions - Experience extreme comfort</li> <li>• APPLIED AREA : Best for Office Chair, Computer Desk, Camping Chair, Kitchen, Dining room, Living room, Couch, Recliner. Great for Car seat cushion, Truck Driver, Train &amp; Airplane Travel.</li> </ul>	3

58. 5 8	Rubber Aprons	<ul style="list-style-type: none"> <li>• SURGICAL APRON, RUBBER, heavy-duty</li> <li>• Nitrile rubber</li> <li>• Straight apron with bib</li> <li>• Back fastening and adjustable neck strap.</li> <li>• Standard adult size: length ±120-150cm, width 90cm.</li> <li>• High resistance to fat, acid and heat.</li> </ul>	5
59. 5 9	Suction catheter of various sizes	<ul style="list-style-type: none"> <li>• Size: FG 6, FG 8, FG 10, FG 12</li> <li>• Shape: Straight-Single</li> <li>• Material Type: PVC</li> <li>• Color: Black, White, Blue, Gray</li> <li>• Disposable</li> </ul>	20
<b>LAUNDRY ITEMS</b>			
60. 6 1	Bed Sheets (White)/ Draw sheet/ Pillow cover	<ul style="list-style-type: none"> <li>• Product Type: Plain Dyed Flat Bed Sheet, Top Sheet</li> <li>• Material: Polyester and Cotton 50% Polyester</li> <li>• Package: 1 Bed Sheet + 1 Pillow Cover</li> <li>• Size: Bed Sheet 60*95 Inches</li> <li>• Type: Standard</li> <li>• Thread Count: T-144</li> </ul>	20/10/20 Pillow Cover
61. 6 2	Pillows	<ul style="list-style-type: none"> <li>• Size: 20" x26"</li> <li>• Pattern: standard</li> <li>• Color: white</li> <li>• Fabric: micro fiber</li> </ul>	10
62. 6 3	Towels large	<ul style="list-style-type: none"> <li>• Size: 65cm*125cm</li> <li>• 100% cotton</li> <li>• White</li> <li>• Bath Towel</li> </ul>	10
63.	Mitten	•	40
64. 6 4	Gown(white)(shirts) and Pajama	<ul style="list-style-type: none"> <li>• Size: S,M,L,XL</li> <li>• Color: White</li> <li>• Material: Cotton</li> <li>• Type: Stitched</li> <li>• Sleeves: Half Sleeve</li> <li>• Usage/Application: Hospital</li> </ul>	10 + 10
65. 6 5	Large Gown (blue) with pajama	<ul style="list-style-type: none"> <li>• Performance Gown with breathable back panel</li> <li>• AERO BLUE** meets both the AAMI Level 3 Liquid Barrier Standard and ASTM F1670 standards for resistance of materials used in protective clothing</li> <li>• Meets the ISO standard for ignition</li> </ul>	<b>10 + 10</b>

		<p>resistance (ISO 11810-1 Class I1-21-No ignition)</p> <ul style="list-style-type: none"> <li>• Meets ASTM D4966 for abrasion resistance</li> <li>• AERO BLUE* gowns are made with a proprietary core fabric technology which delivers a high level of fluid protection and breathability as measured by Mocan and ASTM 1670</li> <li>• Raglan sleeves</li> <li>• Hook-and-Loop Adjustable Neckline</li> </ul>	
66. 6 6	Makintosh	<ul style="list-style-type: none"> <li>• Made of High Quality Natural Rubber</li> <li>• Double faced colour Sheet Green/Red or Red/Blue</li> <li>• Soft &amp; High quality Breaking &amp; Tearing Strength</li> <li>• Used in Hospitals</li> </ul>	8
67. 6 7	Dignity Sheet	<ul style="list-style-type: none"> <li>• Disposable under pads</li> <li>• Non-woven fabric surface</li> <li>• Waterproof</li> <li>• various kinds of color PE film backsheets</li> <li>• 20pcs/bag</li> </ul>	5
68. 6 8	Aprin (Rubber) Green & White	<ul style="list-style-type: none"> <li>• SURGICAL APRON, RUBBER, heavy-duty</li> <li>• Nitrile rubber</li> <li>• Straight apron with bib</li> <li>• Back fastening and adjustable neck strap.</li> <li>• Standard adult size: length <math>\pm</math>120-150cm, width 90cm.</li> <li>• High resistance to fat, acid and heat.</li> </ul>	20 + 20
69. 6 9	Sterile dressing sheets	<ul style="list-style-type: none"> <li>• Ideal for first aid for wounds</li> <li>• Made from breathable PP fleece</li> <li>• Absorbant capacity: 125 g/m<sup>2</sup></li> <li>• Individually packed</li> <li>• Available in two sizes</li> </ul>	10
70. 7 0	<b>Peads Items</b>		
71. 7 1	Baby pamper	<ul style="list-style-type: none"> <li>• Disposable baby diapers for age 0 up to approximately 2 months.</li> <li>• Free from Chlorine, fragrance and dye.</li> <li>• Inner layer must be soft for baby skin, with absorbent core that keeps the moisture away from the baby's skin.</li> <li>• Waterproof, breathable, outer layer.</li> <li>• Leg opening with leak-free design.</li> <li>• Elastic waist with secure closure tapes.</li> <li>• Being for Newborns, the diapers design must be particularly smooth towards umbilicus.</li> <li>• Single use, but if possible, biodegradable.</li> </ul>	12

72.7 2	Baby umbilical cord clamp	<ul style="list-style-type: none"> <li>• The umbilical cord clamp is made of medical-grade PVC of high quality.</li> <li>• Sterilized by EO gas; Sterile, non-toxic, disposable.</li> <li>• Used for pregnant woman giving birth to baby, it is safe and convenient.</li> <li>• Different colors available, blue, white etc.</li> <li>• Individual packed in a PE bag.</li> </ul>	24										
73.7 3	Baby dress (L)	<table border="0"> <tr> <td>• Age Group</td> <td>• 5-10 yr</td> </tr> <tr> <td>• Fabric</td> <td>• Cotton</td> </tr> <tr> <td>• Color</td> <td>• Pink/Blue</td> </tr> <tr> <td>• Gender</td> <td>• Unisex</td> </tr> <tr> <td>• Design</td> <td>• PLAIN</td> </tr> </table>	• Age Group	• 5-10 yr	• Fabric	• Cotton	• Color	• Pink/Blue	• Gender	• Unisex	• Design	• PLAIN	2
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74.7 4	Baby dress (M)	<table border="0"> <tr> <td>• Age Group</td> <td>• 2-5 yr</td> </tr> <tr> <td>• Fabric</td> <td>• Cotton</td> </tr> <tr> <td>• Color</td> <td>• Pink/Blue</td> </tr> <tr> <td>• Gender</td> <td>• Unisex</td> </tr> <tr> <td>• Design</td> <td>• PLAIN</td> </tr> </table>	• Age Group	• 2-5 yr	• Fabric	• Cotton	• Color	• Pink/Blue	• Gender	• Unisex	• Design	• PLAIN	2
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75.7 5	Baby dress (S)	<table border="0"> <tr> <td>• Age Group</td> <td>• 0-1yr</td> </tr> <tr> <td>• Fabric</td> <td>• Cotton</td> </tr> <tr> <td>• Color</td> <td>• Pink/Blue</td> </tr> <tr> <td>• Gender</td> <td>• Unisex</td> </tr> <tr> <td>• Design</td> <td>• PLAIN</td> </tr> </table>	• Age Group	• 0-1yr	• Fabric	• Cotton	• Color	• Pink/Blue	• Gender	• Unisex	• Design	• PLAIN	2
• Age Group	• 0-1yr												
• Fabric	• Cotton												
• Color	• Pink/Blue												
• Gender	• Unisex												
• Design	• PLAIN												
76.7 6	Baby Cot	<ul style="list-style-type: none"> <li>• Mobile baby cot with removable bassinet.</li> <li>• Mounted on 4 swivel castors, heavy duty, 2 with brake.</li> <li>• Transfer bars connect all lower distal portions of the 4 legs, providing maximal structural strength.</li> <li>• With padded mattress, detachable for easy cleaning.</li> <li>• Mattress cover removable via side zipper.</li> <li>• Bassinet sets and removes smoothly from cart frame.</li> <li>• High resistance to corrosion (tropical environment).</li> <li>• Frame: epoxy coated tubular steel.</li> <li>• Mattress: high-density polyurethane foam, density 20-30kg/m<sup>3</sup>.</li> </ul>	2										

		<ul style="list-style-type: none"> <li>• Cover, plastic, flexible highly tear resistant, anti-static, flame retardant, disinfectant, liquid proof and washable.</li> <li>• Caster frame/bracket: steel or nylon.</li> <li>• Caster brake: total-lock type (wheel and rotational lock).</li> <li>• Caster wheel: single wheel, mold-on type, non-hooded (for easy maintenance).</li> <li>• Wheel bearing: sealed bearing in the swivel and the wheel.</li> <li>• <b>Dimensions:</b></li> <li>• Frame: 77.5-80x44-45x90.5-97cm (l*w*h)</li> <li>• Bassinet: 71-80x36-45x24-27(l*w*h)</li> <li>• Frame: 2.5-3 cm (outside, across), 1.35-1.5 mm (thickness)</li> <li>• Swivel castor wheels: 2.2-2.8 x 6.8-8.2 cm (w*diameter)</li> <li>• Mattress: 6-7 cm (h)</li> <li>• Carrying capacity: 33-50 kg</li> <li>• Knockdown construction: yes</li> </ul>	
77.7 7	Baby bath tub	<ul style="list-style-type: none"> <li>• Plastic made</li> <li>• max weight of 10 lbs,</li> <li>• Dimensions: 30.5"L x 17.75"W x 8.75"H.</li> <li>• Easy to Use and Clean</li> </ul>	5
78.7 8	Urine collection bag	<ul style="list-style-type: none"> <li>• Sterile urine collection bag protects and care for infant's tender skin</li> <li>• Double chamber construction with no-flow back valve keeps urine away from skin to prevent irritation and potential contamination</li> <li>• Transparent butterfly patch for easy and accurate application</li> <li>• Adhesive patch can be folded in half to send sealed specimen to lab</li> <li>• Compatible for male and female anatomy</li> <li>• 250ml capacity</li> </ul>	10
79.7 9	Trays with cover different size stainless Steel for instruments	<ul style="list-style-type: none"> <li>• These Instruments trays are Economy Regular Quality with thickness of 0.50mm</li> <li>• Instruments Tray is manufactured with stainless steel 202 grade without having any sharp edges.</li> <li>• These trays have seamless jointless construction.</li> <li>• Instrument Trays are supplied with cover</li> <li>• These trays are used for safe storage,</li> </ul>	3+3+4

		<p>application and sterilization of Surgical Instruments</p> <ul style="list-style-type: none"> <li>Stainless Steel Instrument Trays are durable and Reusable.</li> </ul> <p><b>Size Options :</b></p> <ul style="list-style-type: none"> <li>Instrument Tray Stainless Steel 6 x 8.</li> <li>Instrument Tray Stainless Steel 8 x 10.</li> <li>Instrument Tray Stainless Steel 10 x 12.</li> <li>Instrument Tray Stainless Steel 12 x 14.</li> <li>Instrument Tray Stainless Steel 14 x 18 without Lid.</li> </ul> <p><b>Material Used:</b></p> <ul style="list-style-type: none"> <li>Stainless Steel</li> <li>Autoclavable</li> </ul>	
80. 8 0	Kidney Dish (Large) 400x200x60 mm	<ul style="list-style-type: none"> <li>Stainless Steel holloware, autoclavable 121°C, with 0.5 mm thickness.</li> <li>Economic kidney dish - with curved edges - tray 10"</li> <li>Capacity: 800 ml</li> </ul>	5
81. 8 1	Kidney Dish(Medium) 250x140x40 mm	<ul style="list-style-type: none"> <li>Stainless Steel holloware, autoclavable 121°C, with 0.5 mm thickness.</li> <li>Economic kidney dish - with curved edges - tray 10"</li> <li>Capacity: 600 ml</li> </ul>	4
82. 8 2	Kidney Dish ( Small) 170x100x30 mm	<ul style="list-style-type: none"> <li>Stainless Steel holloware, autoclavable 121°C, with 0.5 mm thickness.</li> <li>Economic kidney dish - with curved edges - tray 10"</li> <li>Capacity: 400 ml</li> </ul>	2
83.	Bowl	<ul style="list-style-type: none"> <li>This medsor Impex surgical bowl is made up of stainless steel and is available in different sizes.</li> <li>The bowl is used in surgical wards in hospitals.</li> <li>The top quality stainless steel is used for the making of this surgical bowl.</li> <li>Sizes :</li> <li><b>Upper diameter   Lower Diameter   Depth   Weight</b></li> <li><b>Small :</b> 12cm   7.5cm   5cm   80gms</li> <li><b>Medium :</b> 14.5cm   8.5cm   6 cm   105gms</li> <li><b>Large:</b> 16.5cm   10cm   7cm   120gms</li> </ul>	4+1+1
84.	Fetoscope	<ul style="list-style-type: none"> <li>Allen type Fetal stethoscope with either black or purple tubing and the aluminum Pinard Horn.</li> </ul>	4
85.	Urinal (Stainless Steel) 230x150x85 mm	<ul style="list-style-type: none"> <li>Stainless Steel</li> <li>800 ml, 1030,ml, 920 ml, 1010 ml</li> <li>Male &amp; Female</li> </ul>	5

86.	Sputum Cup (Stainless steel)	<ul style="list-style-type: none"> <li>Stainless steel that assures its high durability and smooth functionality.</li> <li>Regular, 450ml, 100x50mm</li> </ul>	5
87.	Tuizor	<ul style="list-style-type: none"> <li></li> </ul>	10
88.	Scissors (Large) (medium) (small)	<ul style="list-style-type: none"> <li>German Stainless Steel with Superior Craftsmanship.</li> <li>Designed to cut smoothly and evenly without causing any distress to the hands and fingers.</li> <li>Non Slip Grip Quality Handle.</li> <li>Polish to high Standard Finish.</li> <li>Fully guaranteed against defect in material and workmanship.</li> <li>Manufactured from High Quality Medical Grade Stainless Steel.</li> <li>High Degree of Precision and Flexibility while conducting the Clinical Procedure.</li> <li>High Degree of Aesthetic and Corrosion Resistance.</li> </ul>	2+10+2
89.	Curve Forceps (Small + Medium)	<ul style="list-style-type: none"> <li>Mosquito, hemostatic</li> <li>Curved</li> <li>12 cm (4.7 in)</li> </ul>	2 + 3
90.	Sprit swab jar(Stainless steel)	<ul style="list-style-type: none"> <li>Stainless Steel Cotton Swab Holder</li> <li>Specifications : 8cm</li> <li>Made of high quality 304 stainless steel, which has smooth surface, high corrosion resistance, beautiful and generous, durable</li> <li>Used in the field of biochemistry, the laboratory can hold some sterilizing solution, such as alcohol cotton ball, sterilizing cotton ball or loading paste material</li> <li>Safer and better alternative to glass in the bathroom</li> <li>Storage box with removable lids fit snugly to keep moisture and dust out</li> </ul>	5
91.	<b>Medication (Medicine sample)</b>		1
92.	<b>Family Planning Item/Sample</b>		1
93.	<b>Respiratory Items</b>		
94.	Nasal cannulas	<p>A nasal oxygen cannula is a two-pronged device used to administer oxygen to a patient through both nostrils.</p> <p>Materials: Polyvinyl chloride (PVC).  Components: 2 prongs fixed on a harness  O<sub>2</sub> supply tube.</p>	10

		<p>Harness:</p> <ul style="list-style-type: none"> <li>- Fully-adjustable over-ear design.</li> <li>- Prong: straight, +/-1cm long, fixed to a flexible support for comfort on the nasal base.</li> <li>- Flexible support with 2 tubes (right and left) and an L-shaped connector to the oxygen supply line.</li> <li>- Oxygen supply tube or line: length 1.8-2.1m, with an oxygen supply. An oxygen tube connected to a flowmeter with extra extension lines.</li> </ul> <p>Size: Adult, paediatric and neonatal.</p> <p>Unit presentation: 1 oxygen cannula, medically clean, single-use, packaged in a bag.</p> <p>Packaging: Unit presentation: carton of 50 or 100 units with English, French and Spanish, others when available.</p> <p>Labelling: Size, item description, manufacturer's name, lot number on packaging unit</p>	
95.	Venturi mask	<ul style="list-style-type: none"> <li>• Made of clear, non-toxic PVC</li> <li>• Two color coded diluters for seven concentration</li> <li>• Green diluter for 24%,26%,28%,30%</li> <li>• White diluter for 35%,40%,50%</li> <li>• Adjustable nose clip</li> <li>• With lock and adaptor for high humidity</li> <li>• With 2m anti-crush tube</li> </ul>	5
96.	Nebulization set	<ul style="list-style-type: none"> <li>• Portable, compressor-driven nebulizer, for the treatment of upper/lower respiratory system and for the delivery of nebulized drugs</li> <li>• Maintenance-free and oil-free compressor pump</li> <li>• Air inlet filter</li> <li>• Air flow under load: 5 – 6 l/min</li> <li>• Drug nebulization flow 0.2 – 0.4 ml/min (depending on the available model)</li> <li>• Integrated drug reservoir, capacity 2 - 6 ml, residual volume: 2 ml</li> <li>• Median Mass Aerodynamic Diameter (MMAD) of particles: 2.44 – 3.16 µm</li> <li>• Noise level: ≤ 55 dB</li> <li>• Sturdy construction, suitable to be disinfected with hospital-grade products</li> <li>• Device is provided with accessory storage compartment</li> <li>• Power requirements 220 V / 50 Hz</li> <li>• Power consumption: ≤ 170 W</li> </ul>	5
97.	Suction cath different sizes	<ul style="list-style-type: none"> <li>• PVC material</li> <li>• Size required: 6, 14, 16, 10, 12, 8</li> <li>• Disposable</li> </ul>	10
98.	Airway	<ul style="list-style-type: none"> <li>• Oro-pharyngeal airway, Guedel type.</li> <li>• Semi-rigid, transparent.</li> <li>• Proximal (or buccal) end straight and reinforced.</li> </ul>	5

		<ul style="list-style-type: none"> <li>• Flange colour coded and/or marked with corresponding size number.</li> <li>• Size: Airway Guedel, size 2, Length approximately 70mm.</li> <li>• Material: Polyethylene/vinyl acetate (EVA) - Polyvinyl chloride (PVC).</li> <li>• Sterile, single patient use.</li> <li>• Initial sterilisation method:</li> <li>• Ethylene oxide gas or gamma radiation.</li> </ul>	
99.	Steamer	<ul style="list-style-type: none"> <li>• Innovative hot vapour inhalation system.</li> <li>• Hot vapour inhalation can give effective relief from coughs and colds, sinusitis, bronchitis and respiratory inflammation.</li> <li>• Inhalations work by delivering the water vapour particle directly to the inflamed alveolus and helping liquefy the mucus, which is then expelled by coughing.</li> </ul>	2
100.	O2 head box Medium size	<ul style="list-style-type: none"> <li>• Operation: Hoods provide up to 80% to 90% oxygen</li> <li>• Usage/Application: Hospital</li> <li>• Material: Fiber</li> <li>• Color: Glass White</li> <li>• Height: 4</li> <li>• Packaging Type: Thermosheet</li> </ul>	3
101.	Mucus extractor	<p>Components:</p> <ul style="list-style-type: none"> <li>1 transparent container (reservoir).</li> <li>2 catheters, one from the reservoir to operator's suction.</li> <li>1 HIV filter that prevents aspiration of the container</li> <li>2 lids</li> </ul> <p>Material:</p> <ul style="list-style-type: none"> <li>Self-adhesive identification label for newborn identification</li> <li>Container: polypropylene, medical grade</li> <li>Catheters: polyvinyl chloride, medical grade</li> </ul> <p>Specifications:</p> <ul style="list-style-type: none"> <li>Container size: 20ml</li> <li>Filter: hydrophobic HIV-tested, tolerates a 105mm</li> <li>Prevents mucus transmission to user during the procedure</li> <li>Catheters: 370mm with outer diameter of 3.3mm</li> <li>Two mouthpieces, one to generate suction from the baby's mouth and one to aspirate from the baby's.</li> <li>Sterilized with ethylene oxide.</li> </ul> <p>Unit presentation:</p> <ul style="list-style-type: none"> <li>1 unit, sterile, single-use, peel pack.</li> </ul> <p>Packaging:</p> <ul style="list-style-type: none"> <li>Box of 50 units. Protective packaging: carton</li> <li>Each carton and peel pack to be clearly marked with unit number and manufacturer's reference number.</li> </ul>	
102.	Tracheostomy tubes of different sizes		1
103.	Ambo Bag with mask (Adult/Peds/)	<ul style="list-style-type: none"> <li>• <b>Bag volume:</b></li> <li>• Adult (1475 ml), Pediatric (635 ml), Neonate (220 ml)</li> <li>• <b>Dimensions:</b></li> <li>• Adult (295x127 mm), Pediatric (234x99)</li> </ul>	5+2+5+2

		mm), Neonate (165x70 mm) <ul style="list-style-type: none"> <li>• <b>Weight:</b></li> <li>• Adult (350 g), Pediatric (230 g), Neonate (112 g)</li> <li>• Silicone rubber: inner bag, outer bag, valve disc, supporting strap, mask rim (cuff)</li> </ul>	
<b>GIT AND ELIMINATION</b>			
104.	NG tubing of different sizes	<ul style="list-style-type: none"> <li>• various sizes (8, 10, 12, 14, 16 and 18 Fr)</li> <li>• Medical grade polyurethane material, good biocompatibility, little stimulation to the body and strong acid resistance</li> <li>• The humanized protective cap design can prevent the food reflux caused by gastrointestinal contraction under the pressure stimulation of coughing, sputum suction, turning over and back slapping</li> <li>• Wire guide for easy placement</li> <li>• The tube body contains blue lines, which can display the position of the tube body under X-ray</li> <li>• The retention time is up to 30 days to avoid mechanical damage caused by repeated tube changes.</li> </ul>	35
105.	Colostomy bags of different sizes	<ul style="list-style-type: none"> <li>• Skin friendly</li> <li>• hydrocolloid flange with added Manuka</li> <li>• Honey Reduced skin trauma as easy aids the smooth removal of the flange The super soft, water repellent cover reduces build-up of perspiration, providing exceptional comfort</li> </ul>	10
106.	Foleys catheter of different sizes	<ul style="list-style-type: none"> <li>• 5Fr, 6fr, 8fr 10fr, 12fr, 14fr, 16fr, 18fr, 20fr, 22fr, 24fr, 26fr.</li> <li>• Urethral catheter with balloon: Foley catheter 2-way with nelaton tip.</li> <li>• Central channel for urinary drainage, straight rounded distal end with lateral eyes, proximal end with cup connector allowing catheter to be connected to urine bag.</li> <li>• Side channel for inflating balloon, ending by a non-return valve with Luer tip connector.</li> <li>• Diameter expressed in Charriere, French gauge.</li> <li>• Length expressed in cm.</li> <li>• Balloon capacity expressed in ml.</li> <li>• Colour code / external diameter visible on connector.</li> </ul>	10

		<ul style="list-style-type: none"> <li>• Material: Natural latex, silicone coated</li> <li>• Length: 20 - 30cm</li> <li>• Balloon capacity: 3 – 5ml</li> <li>• Single-use.</li> <li>• Sterile.</li> <li>• Initial sterilisation method: ethylene oxide gas</li> </ul>	
107.	Urine bags	<ul style="list-style-type: none"> <li>• Urine collection bag.</li> <li>• Medical grade plastic bag;</li> <li>• Capacity 2000 ml;</li> <li>• With graduations, every 100 ml to allow proper reading of the liquid contained in the bag;</li> <li>• With reinforced eyelets for hanging;</li> <li>• Kink resistant and transparent plastic inlet tube, length 85-95 cm, with universal connector and protective cap.</li> <li>• Material:</li> <li>• Bag: polyvinyl chloride (PVC) or ethylene vinyl acetate (EVA).</li> <li>• Tube &amp; connector/protective cap: polyvinyl chloride (PVC)&amp;</li> <li>• Single-use</li> <li>• Non sterile</li> </ul>	10
<b>I/V ITEM</b>			
108.	D/Syringes 60cc	<ul style="list-style-type: none"> <li>• Syringe Capacity: 60 cc or 60 mL</li> <li>• Tip Options: Catheter Tips, Regular Luer Tip, Luer Lock tip, Eccentric Tip, Toomey Tip.</li> <li>• Sterile except for bulk packs which are non-sterile.</li> <li>• Latex Free.</li> <li>• Usage: Single Use, Disposable.</li> <li>• Syringes without Needle.</li> <li>• Polypropylene barrel and plunger rod.</li> <li>• Graduated Barrel Markings: 5 mL increments. (8881160157 has 1 mL increments)</li> </ul>	20
109.	D/Syringes 50cc	<ul style="list-style-type: none"> <li>• Syringe Capacity: 50 cc or 50 mL</li> <li>• Tip Options: Catheter Tips, Regular Luer Tip, Luer Lock tip, Eccentric Tip, Toomey Tip.</li> <li>• Sterile except for bulk packs which are non-sterile.</li> <li>• Latex Free.</li> <li>• Usage: Single Use, Disposable.</li> <li>• Syringes without Needle.</li> <li>• Polypropylene barrel and plunger rod.</li> <li>• Graduated Barrel Markings: 5 mL</li> </ul>	20

		<p>increments. (8881160157 has 1 mL increments)</p> <ul style="list-style-type: none"> <li>•</li> </ul>	
110.	D/Syringes 30cc	<ul style="list-style-type: none"> <li>• 30 cc syringe consists of a barrel, stopper, and plunger for manual deposit of materials.</li> <li>• Assembled manual syringe components are ready to use and work with all Jensen Global dispensing tips.</li> <li>• The size of the syringe is measured in cc's or ml's and we offer them with or without print (calibrations)</li> </ul>	20
111.	D/Syringes 20cc	<ul style="list-style-type: none"> <li>• Sterile, single-use, nontoxic, pyrogen-free</li> <li>• High transparency of barrel offers end user a exact control of mixture and liquid flow</li> <li>• Black indelible scale permits an easy and exact reading</li> <li>• Special treatment by medical silicone guarantees a safe, regular and lubricative condition</li> <li>• Complete set, authenticated by ISO and TUV standards, permits to a safe, easy, environmental protection and exact operation</li> <li>•</li> </ul>	20
112.	D/Syringes 10cc	<ul style="list-style-type: none"> <li>• Sterile, single-use, nontoxic, pyrogen-free</li> <li>• High transparency of barrel offers end user a exact control of mixture and liquid flow</li> <li>• Black indelible scale permits an easy and exact reading</li> <li>• Special treatment by medical silicone guarantees a safe, regular and lubricative condition</li> <li>• Complete set, authenticated by ISO and TUV standards, permits to a safe, easy, environmental protection and exact operation</li> <li>•</li> </ul>	20
113.	D/Syringes 5cc	<ul style="list-style-type: none"> <li>• Sterile, single-use, nontoxic, pyrogen-free</li> <li>• High transparency of barrel offers end user a exact control of mixture and liquid flow</li> <li>• Black indelible scale permits an easy and exact reading</li> <li>• Special treatment by medical silicone</li> </ul>	20

		<p>guarantees a safe,regular and lubricative condition</p> <ul style="list-style-type: none"> <li>• Complete set, authenticated by ISO and TUV standards, permitsto a safe, easy, environmental protection and exact operation</li> <li>•</li> </ul>	
114.	D/Syringes 3cc	<ul style="list-style-type: none"> <li>• Sterile, single-use, nontoxic, pyrogen-free</li> <li>• High transparency of barrel offers end user a exact control ofmixture and liquid flow</li> <li>• Black indelible scale permits an easy and exact reading</li> <li>• Special treatment by medical silicone guarantees a safe,regular and lubricative condition</li> <li>• Complete set, authenticated by ISO and TUV standards, permitsto a safe, easy, environmental protection and exact operation</li> <li>•</li> </ul>	20
115.	D/Syringes 1cc	<ul style="list-style-type: none"> <li>• Insuline syrange</li> <li>• Sterile, single-use, nontoxic, pyrogen-free</li> <li>• High transparency of barrel offers end user a exact control ofmixture and liquid flow</li> <li>• Black indelible scale permits an easy and exact reading</li> <li>• Special treatment by medical silicone guarantees a safe,regular and lubricative condition</li> <li>• Complete set, authenticated by ISO and TUV standards, permitsto a safe, easy, environmental protection and exact operation</li> <li>•</li> </ul>	20
116.	Blood Transfusion set	<ul style="list-style-type: none"> <li>• With plain spike and double drip chamber</li> <li>• Needle Size: 18Gx1.5"</li> <li>• Drops per ml: 20</li> <li>• Length of the set (cm.): 150</li> <li>• Disposable, sterile and non-pyrogenic</li> <li>• Regulator clamp to control transfusion rate.</li> <li>• Kink resistant, soft, PVC tubing.</li> </ul>	20
117.	IV set	<ul style="list-style-type: none"> <li>• The tubing and chamber is made of virgin grade, non-toxic, non irritant PVC material.</li> <li>• The flow regulator and piercing spike are made from medical friendly ABS</li> </ul>	20

		<p>compound to offer superior performance.</p> <ul style="list-style-type: none"> <li>• The protective cap is manufactured from medical grade LDPE to offer due protection of piercing spike and better penetration of EO for sterilization</li> <li>• The flow regulator allows to adjust the flow of the infusion solution between Zero and the maximum smoothly.</li> <li>• The set is provided with a fluid filter</li> </ul> <p>Product Information</p> <ul style="list-style-type: none"> <li>• Sterilization : Ethylene Oxide / Gamma as per customer requirement</li> <li>• Labeling : Shall comply with the corresponding labeling specification and customer requirement.</li> <li>• Shelf Life : 3 years from the date of manufacture</li> <li>• Storage condition : Shall be stored in cool dry place and away from moisture, direct light &amp; heat sources.</li> </ul>	
118.	Burretol	<ul style="list-style-type: none"> <li>• Sterile IV giving set with graduated chamber (burette) enabling precise volume and slow administration of infusion or injectable medicine.</li> <li>• Tube: plastic (PVC: polyvinyl chloride). Transparent (allowing the detection of air bubbles).</li> <li>• Resistant to kinking.</li> <li>• Length is approximately 150cm (overall IV giving set length approximately 170cm). Internal / external diameter is approximately 3mm / 4mm.</li> </ul>	20
119.	Manual CVP Monitoring Kit	<ul style="list-style-type: none"> <li>•</li> </ul>	5
120.	Blood collection bag	<ul style="list-style-type: none"> <li>• Blood collection bag Made up of DEHP (Di-2-ethyhexyl phthalate) plasticized PVC(polyvinylchloride), collapsible non-vented sterile containers complete with collecting tube for completely closed system to avoid the chances of contamination.</li> <li>• Capacity: single blood bag 450 ml</li> <li>• <b>Design and shape:</b></li> <li>• Flexible pre sterilized</li> <li>• Pyrogen free</li> <li>• Non toxic, non haemolytic, biocompatible material</li> <li>• No risk of contamination and air embolism(close system) with leaks proof seals</li> <li>• Slit on both sides of the bags should be</li> </ul>	10

		<p>enough to accommodate 5-10 ml test tubes.</p> <ul style="list-style-type: none"> <li>The capacity of the bag should be enough to prevent any ballooning/rupture of the bag from seam when it is filled up with</li> </ul>	
121.	Disposable Hypodermic Needle	<ul style="list-style-type: none"> <li>15G,16G, 18G,19G, 20G, 21G, 22G, 23G, 24G, 25G, 26G,27G, 28G,29G</li> <li>Disposable, sterile, FDA registered</li> <li>ISO 9626/1991 stainless steel</li> <li>Color-coded polypropylene hub</li> <li>Protective polypropylene cap</li> <li>Siliconized needle tube</li> <li>Pyrogen-free and non-toxic</li> <li>5-year shelf life</li> </ul>	1 pkt each
122.	IV Cannula 14G	<ul style="list-style-type: none"> <li>Required size:14,16,18,20,22,24,26</li> <li>Thin wall construction permits high flow rates</li> <li>Radiopaque, 3x ray detectable stripes;</li> <li>Clear and transparent;</li> <li>Smooth surfaces;</li> <li>Back cut special designed needle;</li> <li>Retated wing for fixation and as grip plater;</li> <li>Color coded;</li> <li>Lock fitting</li> <li>Sterilization:Ethylene Oxide Gas</li> </ul>	10 each
123.	Tourniquet	<ul style="list-style-type: none"> <li>Length: 400mm+-10mm</li> <li>width: 25mm+-1mm</li> <li>Material: polyester fibre&amp;ABS</li> <li>Simple Operation</li> <li>-single-use disposable tourniquet is made of latex-free material to guarantee health protection for the patient</li> <li>-Comfortable &amp; Safe to Patient/Doctor</li> <li>-Environment Friendly</li> <li>-Wide Application</li> </ul>	10
124.	Alcohol swab	<ul style="list-style-type: none"> <li>Contents: 70% Isopropyl Alcohol(75% Alcohol)</li> <li>Non-Woven Size : 65x30mm</li> <li>Type : 2 Ply</li> <li>Packet Size : 50 X 50 mm</li> <li>Packing : 200 Pcs / Box,100 Pcs / Box</li> </ul>	4
125.	Band aid (Saniplast)	<ul style="list-style-type: none"> <li>Flexible, soft and easy to apply on different parts of the body.</li> <li>Hypoallergenic, air permeable and water proof</li> <li>Antiseptic absorbent pad adherence to thw wound is good, thus promotes quick and natural healing.</li> <li>Easy to peel off inner wrapping</li> </ul>	2

126.	Guaze pieces (4/4)	<ul style="list-style-type: none"> <li>• Packaging Size</li> <li>• Size</li> <li>• Sterility</li> <li>• Number Of Ply</li> <li>• Shape</li> </ul>	<ul style="list-style-type: none"> <li>• 4 Pieces</li> <li>• 7.5 x 7.5 cm</li> <li>• Sterile</li> <li>• 12 Ply</li> <li>• Square</li> </ul>	4
127.	Blood collection tops Red Green Purple Blue Grey	<ul style="list-style-type: none"> <li>• Sterilized</li> <li>• Disposable</li> <li>• Glass material</li> <li>• 13*75mm, 13*100mm, 16*100mm</li> <li>• Volume: 2-10 ml</li> </ul>		10 each
128.	Urine Sample collection container (For R/E and C/S) Blue container Red container Green container Yellow container	<ul style="list-style-type: none"> <li>• Material PP and PE</li> <li>• Volume of 10,15,25,30,40,60,80,90,100 and 120mL.</li> <li>• With spoon or non-spoon</li> <li>• With screw cap or put-in cap</li> <li>• Frosted surface on the cup for easy marked</li> <li>• Sterilized or non-sterilized as customer requirement</li> <li>• Single pack or bulk pack as customer requirement</li> </ul>		10 each
129.	Mepore dressing (Large) (Medium) (Small)	<ul style="list-style-type: none"> <li>• Self adhesive, absorbent surgical dressing</li> <li>• Two part release film for easy application</li> <li>• Soft non woven spunlace polyester fabric with high breathability for enhanced patient comfort</li> <li>• Skin friendly, water based, solvent free polyacrylate adhesive for gentle and secure fixation</li> <li>• Absorbent wound pad with low adherent contact layer for enhanced patient comfort and longer wear time</li> <li>• Sterile dressings available in different sizes</li> </ul>		
130.	Surgical Tape	<ul style="list-style-type: none"> <li>• Gentle adhesion</li> <li>• Conformable and highly breathable</li> <li>• Reliably secures dressings and devices to skin</li> <li>• Hypoallergenic and not made with natural rubber latex</li> <li>• Economical single use rolls</li> </ul>		2 each
131.	Hot Bottles	<ul style="list-style-type: none"> <li>• Material - 55% rubber hot water bottle, bottom sealing technology - no water leakage;used as a natural body warmer used for heat therapy treatment 2L hot water bottle</li> </ul>		5

		<ul style="list-style-type: none"> <li>• Portable and effective with instant heat 1 year manufacturer's warranty bottom sealing technology</li> <li>• Quantity - 2 litre content, plastic cap and copper ring, body warmer used for heat therapy treatment</li> </ul>	
132.	Cold water bottles (Ice Pack, Small, Medium, Large)	<p>Type XCOLICEP2U</p> <p>Volume of ice per pack 0.37 litres</p> <p>External dimensions 17.3x12.0x2.6cm</p> <p>Weight empty 68g</p> <p>Weight filled 438g</p>	10 each
133.	Sand bags	<ul style="list-style-type: none"> <li>• Morrison Medical Positioning Sand Bags</li> <li>• Features convenient carrying handle</li> <li>• Sewn in weight labels</li> <li>• Outer bag is nylon reinforced vinyl</li> <li>• Dielectrically sealed to prevent leakage or dust</li> <li>• Color coded vinyl</li> </ul>	5
134.	Air rings	<ul style="list-style-type: none"> <li>• Provided with us are Air Cushions – Round.</li> <li>• These circular air cushions are made with the use of red rubber and also provided with metal air valve.</li> <li>• These are available in different sizes and highly catering to the distance demands of the clients based worldwide.</li> <li>• Size: 35 cm</li> <li>• Inner: 9.5cm</li> <li>• Weight: 250gm</li> <li>• Thickness: 1.6mm</li> </ul>	5
135.	Basket small (for scenarios)	<ul style="list-style-type: none"> <li>• White Hollow Out Porcelain High Round Basket</li> <li>• Ceramic material</li> <li>• RegularSize:23.3X23.3X20.2CM</li> </ul>	5
136.	Stop watch	<ul style="list-style-type: none"> <li>• Microprocessor based Design</li> <li>• Excellent accuracy and Resolution</li> <li>• Backlit Display</li> <li>• Logic output for synchronizing with external timer</li> <li>• Compact and lightweight</li> <li>• 999 min ( displayed as 999:00.0)</li> <li>• START, STOP &amp; RESET</li> <li>• 16x2 Character LCD Module</li> <li>• From internal 3.6 V Li-ion battery with internal charging circuit. Charging from 5 V DC from Adaptor</li> </ul>	5
137.	Bell	<ul style="list-style-type: none"> <li>• Made of high-quality steel</li> <li>• Pleasant ring tone</li> <li>• Easy to use and portable</li> <li>• Weight: 0.32 ounces</li> <li>• Product Dimensions: 6.2 x 4.6 x 2.7</li> </ul>	2

		<ul style="list-style-type: none"> <li>inches</li> <li>Material type: Metal</li> </ul>	
138.	ENT Set	<ul style="list-style-type: none"> <li>ENT Complete Diagnostic Set With Ophthalmoscope</li> <li>1 Light weight C size Handle with Rheostat Button</li> <li>1 Otoscope Head with 3 Reusable Ear Speculums</li> <li>1 Ophthalmoscopes Head with Selection Wheel and Contain 24 Optical Lens</li> <li>1 Bent Arm Illuminator, 1 Nasal Speculum 1 Tongue Depressor/Blade, 1 Tongue Depressor Blade Holder</li> <li>2 Laryngeal mirrors</li> <li>Bayonet mounted locking head system, xbh 2.5 v illumination</li> <li>Chrome plated and knurled handle, reusable</li> <li>Specula 1, 2 &amp; 3</li> <li>Rheostat for adjustment of illumination</li> </ul>	5
139.	Tunning fork	<ul style="list-style-type: none"> <li>Non-magnetic, corrosion resistant aluminum alloy construction</li> <li>Weighs 1/3 of comparable steel tuning forks</li> <li>Produced from 3/8" x 1" bar stock for superior performance and consistent frequency accuracy</li> <li>Extra long 2" handle of turned smooth aluminum to facilitate bone conduction tests</li> </ul>	5
140.	Reflex Hammer	<ul style="list-style-type: none"> <li>ISI 420 German Stainless Steel with Superior Craftsmanship.</li> <li>Non Slip Grip Quality Handle. Polish to high Standard Finish.</li> <li>Fully guaranteed against defect in material and workmanship.</li> <li>Manufactured from High Quality Medical Grade Stainless Steel.</li> <li>High Degree of Precision and Flexibility while conducting the Clinical Procedure.</li> <li>High Degree of Aesthetic and Corrosion Resistance.</li> </ul>	5
141.	Tongue depressor	<ul style="list-style-type: none"> <li>Wooden tongue depressor, with rounded extremities.</li> <li>Size: approx. Size: 17 x 149mm</li> <li>Thickness: Approximately 1.6mm</li> <li>Single use.</li> <li>Non sterile.</li> <li>stimated weight: 0.530Kg</li> <li>Estimated volume: 1.530cdm</li> </ul>	1
142.	Torch	<ul style="list-style-type: none"> <li>Type: Medical Flashlight</li> <li>Battery: 2 AAA Batteries (Not Included)</li> </ul>	5

		<ul style="list-style-type: none"> <li>• Material: Alloy</li> <li>• Light Color: Yellow</li> <li>• Features: Convenience Carry, Push-button On/Off Switch, Bright Clear Yellow Light</li> <li>• Size: 1cm x 13.5cm/0.39" x 5.31" (Approx.</li> <li>• Low power consumption and long use time.</li> <li>• Adjustable focus range for different usage.</li> <li>• Clip to hold it on your uniform, easy to carry.</li> </ul>											
143.	Inch tape	<ul style="list-style-type: none"> <li>• Total Size: 150 x 1.3cm/60" x 0.5"(L*W); Net Weight: 26g</li> <li>• Best for Sewing purpose and body measuring. Tailor tape.</li> <li>• 100 % Accurate measuring in inches as well as metres (upto 60 inch/150 CM)</li> <li>• Available in assorted colour</li> </ul>	5										
<b>BANDAGES</b>													
144.	Crape bandages (Large) 6"	<table border="1"> <tr> <td>Size</td> <td>6-8 Inches</td> </tr> <tr> <td>Material</td> <td>Cotton</td> </tr> <tr> <td>Usage/Application</td> <td>Clinical</td> </tr> <tr> <td>Product Type</td> <td>Crepe Bandage</td> </tr> <tr> <td>Length</td> <td>3 Meter</td> </tr> </table>	Size	6-8 Inches	Material	Cotton	Usage/Application	Clinical	Product Type	Crepe Bandage	Length	3 Meter	10
Size	6-8 Inches												
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145.	Crape bandages (Medium) 4"	<table border="1"> <tr> <td>Size</td> <td>4-6 Inches</td> </tr> <tr> <td>Material</td> <td>Cotton</td> </tr> <tr> <td>Usage/Application</td> <td>Clinical</td> </tr> <tr> <td>Product Type</td> <td>Crepe Bandage</td> </tr> <tr> <td>Length</td> <td>3 Meter</td> </tr> </table>	Size	4-6 Inches	Material	Cotton	Usage/Application	Clinical	Product Type	Crepe Bandage	Length	3 Meter	10
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146.	Cotton Bandage roll	<ul style="list-style-type: none"> <li>• Made of 100% absorbent high quality cotton</li> <li>• Blue Paper kraft packaging or PE bag</li> <li>• Normal Specification: 25g/roll, 50g/roll, 100g/roll, 200g/roll, 250g/roll, 400g/roll, 454g/roll, 500g/roll, 1000g/roll</li> <li>• In medical usage, meet with BP standards</li> </ul>	10										
147.	Arm Slings	<ul style="list-style-type: none"> <li>• with waist support strap, with shoulder abduction pillow</li> <li>• Telescoping, customizable straps may be easily trimmed to fit a wide range of patients.</li> </ul>	10										

		<ul style="list-style-type: none"> <li>• A new 'shoulder ring' slides easily over the arm in supine or sitting position and helps evenly distribute weight taking pressure off the neck.</li> <li>• A removable contoured cushion helps provide abduction and relieves pressure on the ulnar nerve</li> </ul>	
148.	Nail cutter	<ul style="list-style-type: none"> <li>• Nail clipper of medium size (approx. 60-70mm long), stainless steel or chromium plated, ergonomic design, and smooth action.</li> </ul>	5
149.	Safety pins	<ul style="list-style-type: none"> <li>• Safety Pin for Baby</li> <li>• Colorful colors for selecting</li> <li>• Big Size 5.2cm</li> </ul>	25
150.	First Aid Box	<ul style="list-style-type: none"> <li>• First aid kit in durable plastic box with carrying handle</li> <li>• Suitable for areas with upto 10 people employed and where low risk is expected</li> <li>• CE Marked Contents</li> <li>• Compliant to HSE Standards</li> <li>• Ideal for Offices, Warehouses, Shops</li> <li>• 20x Assorted Washproof Plasters</li> <li>• 2x Sterile Eyepads with bandages</li> <li>• 4x Non-woven triangular bandages</li> <li>• 6x Safety pins</li> <li>• 6x Medium 12cm x 12cm sterile dressings</li> <li>• 2x Large 18cm x 18cm sterile dressings</li> <li>• 10x Alcohol-free hygienic cleansing wipes</li> <li>• 1x Pair of Powder-free Vinyl gloves</li> <li>• 1x First Aid administration guidance leaflet.</li> </ul>	2
151.	Emergency Box	<ul style="list-style-type: none"> <li>•</li> </ul>	2
152.	Hight & Weight Scale machine (Adult)	<ul style="list-style-type: none"> <li>• Professional personal floor scale with BMI function as well as EC type approval and approval for medical use for professional use in medical diagnostics</li> <li>• Verification class III (Verification is optional)</li> <li>• Approval for medical use according to 93/42/EEC</li> <li>• Practical second display on the back of the balance, which makes it easy for both the patient and the doctor or nursing staff to read the weight</li> <li>• The MPE-HM model has an elegant height measuring stick integrated into the column, which can be pulled out for use and which has a measuring range from 88 - 205 cm</li> </ul>	2

		<ul style="list-style-type: none"> <li>• The ergonomically optimised shape and robust design mean that this range is ideal for daily use in a professional environment</li> <li>• For easy and hygienic cleaning Secure and non-slip positioning with height-adjustable rubber feet Level indicator to level the balance precisely</li> <li>• Electronic digital display</li> <li>• With height rod</li> <li>• With BMI calculator</li> <li>• Weighing capacity 250kg</li> </ul>	
153.	Weight Scale portable	<ul style="list-style-type: none"> <li>• Weight Capacity: 550 lb</li> <li>• Graduation: 0.2 lbs (100 g)</li> <li>• Dimensions: 16" x 14" x 1.6" (415 x 360 x 41 cm) WxDxH</li> <li>• 550 lb Capacity</li> <li>• Automatically turns on and weighs when stepped on</li> <li>• Automatic off</li> <li>• Reliable, professional-grade measuring</li> <li>• Wide platform is stable and accommodates bariatric patients</li> <li>• Low profile allows for easy access</li> <li>• Self adjusting feet provide prevent tipping</li> <li>• Non-slip texture</li> <li>• Lightweight and portable</li> <li>• Ideal for medical professionals as well as home users</li> </ul>	3
154.	Disposable gloves	Material PVC Reusability Disposable Size X-Large (Pack of 100) Large (Pack of 100) Medium (Pack of 100) Small (Pack of 100) Material Type Powder Free, Latex Free Free	2 pkt
155.	Polythene gloves	<ul style="list-style-type: none"> <li>• Made of premium quality polyethylene</li> <li>• Harmless to hand: no protein, no toxic, no odor, latex-free</li> <li>• Cost effective</li> <li>• Waterproof protection for light duty</li> <li>• Much more soft than HDPE glove</li> </ul>	3 pkt
156.	Lotion	<ul style="list-style-type: none"> <li>• Baby Johnson Lotion</li> <li>• Delivers lightweight long-lasting, 24-hour hydration</li> <li>• Includes six moisturizers, plus vitamin E and B5 for soft, smooth, nourished skin</li> </ul>	10

		<p>all day</p> <ul style="list-style-type: none"> <li>• For all skin types and everyday hydration</li> <li>• Fragrance free &amp; Paraben free</li> <li>• Clinically tested hypoallergenic and non-comedogenic, so it won't irritate skin or clog pores</li> <li>• Dermatologist tested and clinically proven to be gentle on sensitive skin</li> </ul>																			
157.	Baby powder	<ul style="list-style-type: none"> <li>• Baby Johnson Powder</li> <li>• Clean, classic scent.</li> <li>• Dermatologist-tested.</li> <li>• Hypoallergenic; formulated to be gentle, never harsh.</li> <li>• Clinically Proven Mildness formula, is designed for baby's delicate skin.</li> </ul>	10																		
158.	Pyodine solution	<ul style="list-style-type: none"> <li>• (Povidone-Iodine) 7.5% Topical Solution Antiseptic 60mL</li> </ul>	10																		
159.	Pyodine scrub	<ul style="list-style-type: none"> <li>• Active Pharmaceutical Ingredient: Povidone-iodine, Topical</li> <li>• Drug Strength: 7.50%</li> <li>• Drug Form : Scrub Surgical</li> <li>• Pack Size : 450 ml</li> </ul>	10																		
160.	Tinct Benzoine	Tincture Benz Comp 30ml	5																		
161.	Glycerine bottle	<table border="1"> <tr> <td>Packing Size</td> <td>Glass Bottle</td> </tr> <tr> <td>Weight</td> <td>200 Gram</td> </tr> <tr> <td>Form</td> <td>Liquid</td> </tr> </table>	Packing Size	Glass Bottle	Weight	200 Gram	Form	Liquid	2												
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162.	Hydrogen peroxide	<table border="1"> <thead> <tr> <th>Criteria</th> <th>35% AP</th> <th>50% AP</th> </tr> </thead> <tbody> <tr> <td>W/W % H2O2 Concentration</td> <td>35.1-35.8</td> <td>50.1-50.8</td> </tr> <tr> <td>% Stability 3HRS, 96°C (Min)</td> <td>99.6</td> <td>99.6</td> </tr> <tr> <td>pH (Max)</td> <td>2.4</td> <td>1.6</td> </tr> <tr> <td>Sp Gravity@25°C +/- 1°C (Min)</td> <td>1.13</td> <td>1.19</td> </tr> <tr> <td>Appearance</td> <td>Clear</td> <td>Clear</td> </tr> </tbody> </table>	Criteria	35% AP	50% AP	W/W % H2O2 Concentration	35.1-35.8	50.1-50.8	% Stability 3HRS, 96°C (Min)	99.6	99.6	pH (Max)	2.4	1.6	Sp Gravity@25°C +/- 1°C (Min)	1.13	1.19	Appearance	Clear	Clear	2
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<b>SIMULATORS AND MANIKINS</b>																					
163.	Two-in-One i.m. Injection Model of Buttock	<ul style="list-style-type: none"> <li>• This unique model of a human buttock has a special two-in-one function: One the right hand side, the anatomy of the bones, ilium crista, greater trochanter, m. gluteus medius, nerves, and veins can be studied through the transparent outer structure</li> </ul>	1																		

		<ul style="list-style-type: none"> <li>• The student can transfer what he has learned about the position of nerves, veins etc. to the left hand side on which intra-muscular injections can be practiced</li> <li>• Anatomical landmarks can be palpated through the soft skin to identify the correct positions for injection</li> <li>• The injection of fluid (water) is possible</li> <li>• Correct injections are confirmed by a green light, if the injection is placed in a wrong position or too deep, a red light will appear and a buzzer will sound</li> </ul> <p>Dimensions (L x W x H) 15 in. x 13.8 in. x 8.7 in.  Height (English) 8.7 in.  For Use With (Application) Injection Practice  Length (English) 15 inch  Width (English) 13.8 inch</p>	
164.	CPR Training manikin Adult	<p><b>Overview of the CPR App features:</b></p> <ul style="list-style-type: none"> <li>• Offers overall scoring and intuitive point of improvement during CPR</li> <li>• Direct (real-time) and summative CPR feedback for students</li> <li>• Instructor view can monitor up to 6 manikins at a time</li> <li>• Saved student results for review</li> <li>• Export or share students result/certificate as a PDF file</li> <li>• Instructor can use CPR analysis for detailed debriefing</li> <li>• Easily switch from conventional CPR training to “compression only” CPR settings</li> </ul> <ul style="list-style-type: none"> <li>• Stable connection thanks to reliable Bluetooth connection</li> </ul> <p><b>BASICBilly BLS manikin (torso) including:</b></p> <ul style="list-style-type: none"> <li>• 5 lung bags, adult</li> <li>• 1 adult cardiac massage spring</li> <li>• 1 additional face mask with 1 inner face insert and lung bag holder for hygienic artificial ventilation</li> <li>• 1 carrying bag with training mat</li> <li>• 1 BASICBilly+ Upgrade Kit including:</li> <li>• 1 Add-On Kit with breath module sensor attached</li> <li>• 1 ColorID stickers</li> <li>• 1 lung bag, adult</li> <li>• 1 installation manual</li> </ul>	1
<b>CHEMICALS &amp; GLASSWARES</b>			

165.	Gram staining kit- each	<ul style="list-style-type: none"> <li>• 15ml Hucker's Crystal Violet</li> <li>• 15ml Gram's Iodine Stain</li> <li>• 30ml Acetone Alcohol Solution</li> <li>• 15ml Safranin O</li> <li>• 50 Blank Slides</li> <li>• 100 Cover Slips</li> <li>• Pipette</li> <li>• Non-Latex Gloves (Pair)</li> <li>• Information Sheet</li> </ul>	2																												
166.	Ethanol- liter	<table border="1"> <tr> <td>Purity %</td> <td>99%</td> </tr> <tr> <td>Packaging Details</td> <td>1 Litre Bottle</td> </tr> <tr> <td>CAS No</td> <td>64-17-5</td> </tr> <tr> <td>Grade</td> <td>Analytical Grade AR</td> </tr> <tr> <td>Physical State</td> <td>Liquid</td> </tr> <tr> <td>HS Code</td> <td>22071090</td> </tr> <tr> <td>EC No.</td> <td>203-786-5</td> </tr> <tr> <td>Physical Form</td> <td>Liquid</td> </tr> <tr> <td>Chemical Formula</td> <td>C2H6O</td> </tr> <tr> <td>Melting Point</td> <td>61 DegreeF</td> </tr> <tr> <td>Molecular Weight</td> <td>46 g/mol</td> </tr> <tr> <td>Boiling Point</td> <td>230</td> </tr> <tr> <td>Density</td> <td>0.79 g/cm3</td> </tr> <tr> <td>Appearance</td> <td>Clear Colorless Liquid</td> </tr> </table>	Purity %	99%	Packaging Details	1 Litre Bottle	CAS No	64-17-5	Grade	Analytical Grade AR	Physical State	Liquid	HS Code	22071090	EC No.	203-786-5	Physical Form	Liquid	Chemical Formula	C2H6O	Melting Point	61 DegreeF	Molecular Weight	46 g/mol	Boiling Point	230	Density	0.79 g/cm3	Appearance	Clear Colorless Liquid	2
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167.	Methanol liter	<table border="1"> <tr> <td>Purity %</td> <td>&gt;99%</td> </tr> <tr> <td>Packaging Details</td> <td>2.5 litre Bottle</td> </tr> <tr> <td>Grade Standard</td> <td>Lab Reagent LR Grade</td> </tr> <tr> <td>CAS No</td> <td>67-56-1</td> </tr> <tr> <td>Synonyms</td> <td>methyl alcohol, CH3OH, Carbinol, MeOH</td> </tr> <tr> <td>Chemical Formula</td> <td>CH3OH</td> </tr> <tr> <td>HS Code</td> <td>29051100</td> </tr> <tr> <td>EC No.</td> <td>200-659-6</td> </tr> <tr> <td>Physical State</td> <td>Liquid</td> </tr> <tr> <td>Shelf life</td> <td>5 years</td> </tr> <tr> <td>Density</td> <td>792</td> </tr> <tr> <td>Melting Point</td> <td>-97.6 DegreeC</td> </tr> <tr> <td>Boiling Point</td> <td>64.7 DegreeC</td> </tr> <tr> <td>Vapor pressure</td> <td>13.02 kPa</td> </tr> </table>	Purity %	>99%	Packaging Details	2.5 litre Bottle	Grade Standard	Lab Reagent LR Grade	CAS No	67-56-1	Synonyms	methyl alcohol, CH3OH, Carbinol, MeOH	Chemical Formula	CH3OH	HS Code	29051100	EC No.	200-659-6	Physical State	Liquid	Shelf life	5 years	Density	792	Melting Point	-97.6 DegreeC	Boiling Point	64.7 DegreeC	Vapor pressure	13.02 kPa	2
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		Molecular Weight	32.04 g/mol	
168.	Blood group reagents-kits	Usage/Application	Hospital	5
		Type	ALGGLUTINATION TEST	
		Tests Kit	BLOOD GROUPING KIT	
		Results	2 - 3 Minutes	
		Packaging Size	3 x 10 mL	
		Color	As appearance	
169.	Culture Media- kg	Usage/Application	Microbiology Culture Media	5
		Packaging Size	500 g,5 Kg 25 Kg	
		Brand	ReadyMED	
		Category	Complex Media	
		State Of Matter	Solid	
		Type	Basal, Enriched, Selective	
		Grade Standard	ISO 2008: 2015,ISO 11133:2014,ISO 13485:2016,CE Certificate,FSSC : 22000	
		Physical State	Fine Powder	
170.	Beaker 1 liter	Capacity	1 liters	10
		Graduation Interval	50 milliliters	
		Height	158 millimeters	
		Item Weight	6.66 pounds	
		Material	Glass	
		Model Number	B3000-1L	
		Number of Items	6	
		Part Number	1000-1L	
171.	Reagent bottles 1 liter	Type Of Glassware	Heavy-Wall Glass	20
		Size/Dimension	Standard	
		Brand	Sabar Scientific	
		Capacity	60 ml. to 20 Ltr.	
		Features	Standard	
		Cap Color	BLUE	
		Application	Chemical Laboratory	
		Color	TRANSPARENT	

		Usage/Application	Chemical Laboratory	
172.	Thoma pipettes (Full set)	Material : Glass Specifications:	A glass bead enables the homogenization of the dilution 3 measurement marks: 0.5, 1 and 1ml, with 0.1ml graduation marks Possible dilutions: 1:10 to 1:20 Non-sterile and reusable Avoid mouth pipetting	2
173.	Test tube 5 ml	<ul style="list-style-type: none"> <li>• Volume : 5ml</li> <li>• External: 15mm</li> <li>• Height: 50 mm</li> </ul>		500
174.	Test tube rack	<ul style="list-style-type: none"> <li>• Size: 10 cm x 20 cm x 25 mm H (4 x 8 x 1 in. H)</li> <li>• Hole size: 12.5 mm</li> <li>• Material - Polypropylene (PP)</li> <li>• Length (mm) - 10 cm</li> <li>• Width (mm) - 20 cm</li> <li>• Height (mm) - 25 mm A</li> <li>• autoclavable - Yes</li> </ul>		10
175.	Petri dishes (different sizes)	<ul style="list-style-type: none"> <li>• Stronger, heavier construction</li> <li>• Surface is hydrophobic and does not facilitate cell attachment</li> <li>• Available in four diameters: 35, 60, 100 and 150mm</li> <li>• 35mm dish has off-set bottom for improved handling</li> <li>• 60 &amp; 100mm dish features a grip ring on the base</li> <li>• Lids contain molded spacers for gas exchange</li> <li>• Stackable lid design for increased stability</li> <li>• Packaged sterile (gamma irradiated)</li> </ul>		500
176.	Tips (yellow/Blue)	Materials: Specifications:  Shelf life:	Polypropylene Colour: blue Capacity: 200-1000mcl Disposable Non-sterile 4 years	2000
177.	Flasks 1L	Material Colour Capacity Product Dimensions	Stainless Steel Silver 1000 Milliliters 8.1 x 8.1 x 33.5 cm; 630 Grams	20

178.	Flask 500 ml	<ul style="list-style-type: none"> <li>• Conical Flask</li> <li>• Capacity: 500 ml</li> <li>• Graduation Interval: 100 ml.</li> </ul>	20										
179.	Flask 250 ml	<ul style="list-style-type: none"> <li>• Conical Flask</li> <li>• Capacity: 250 ml.</li> <li>• Graduation Interval: 50 ml</li> </ul>	20										
180.	Beaker 500 ml	<table border="1"> <tr> <td>Type of Glassware</td> <td>HPLC Solvents</td> </tr> <tr> <td>Color</td> <td>Transparent</td> </tr> <tr> <td>Material</td> <td>Glass</td> </tr> <tr> <td>Application</td> <td>Chemical Laboratory</td> </tr> <tr> <td>Capacity</td> <td>500 ML</td> </tr> </table>	Type of Glassware	HPLC Solvents	Color	Transparent	Material	Glass	Application	Chemical Laboratory	Capacity	500 ML	10
Type of Glassware	HPLC Solvents												
Color	Transparent												
Material	Glass												
Application	Chemical Laboratory												
Capacity	500 ML												
181.	Alcoholic Swabs	<ul style="list-style-type: none"> <li>• Alcohol swabs – Not less than 70% Isopropyl alcohol saturated wipes.</li> <li>• Individually wrapped in foil</li> <li>• Microbiology Laboratory use for sterilization of equipment like filter support, tweezers, etc.</li> <li>• (Similar quality as for Medical sterilization of e.g. injection sites). (Box of 100)</li> </ul>	10										
182.	Slides	<ul style="list-style-type: none"> <li>• Designed for High-Performance Microscopy Applications</li> <li>• Cover Slips Made from Schott D 263® M Glas</li> <li>• 26 mm x 76 mm (W x L) Slides Made from Soda-Lime Glass</li> <li>• Each Slide Sold Individually or in Packs of Five</li> <li>• FSK5 Slide Set Includes All Five Colored Slides</li> </ul>	5000										
183.	iodine	<ul style="list-style-type: none"> <li>• 100mL bottle of iodine solution</li> <li>• Laboratory-grade material for lab and research use</li> <li>• Perfect for use in any biology lab or classroom</li> <li>• Used for starch testing</li> <li>• Includes directions for safe storage printed directly on the package</li> </ul>	1										
184.	Blood agar	<ul style="list-style-type: none"> <li>• Straw, free-flowing powder</li> <li>• Colour on reconstitution - straw 2-3</li> <li>• Moisture level - less than 7%</li> <li>• pH 7.3 ± 0.2 at 25°C</li> <li>• Clarity - clear</li> <li>• Gel strength - firm, comparable to 15.0g/litre of agar</li> </ul> <p><b>composition</b> Composition:</p> <ul style="list-style-type: none"> <li>• agar, 15 g/L</li> </ul>	2										

		<ul style="list-style-type: none"> <li>meat extract, 10 g/L</li> <li>peptone, 10 g/L</li> <li>sodium chloride, 5 g/L</li> </ul>											
185.	Nutrient agar	<p>Analyte E. coli, Salmonella spp.  Brand NEOGEN® Culture Media</p> <table border="1"> <thead> <tr> <th>Formula</th> <th>Liter</th> </tr> </thead> <tbody> <tr> <td>Peptone</td> <td>5.0 g/L</td> </tr> <tr> <td>Meat Extract</td> <td>3.0 g/L</td> </tr> <tr> <td>Sodium Chloride</td> <td>8.0 g/L</td> </tr> <tr> <td>Agar</td> <td>12.0 g/L</td> </tr> </tbody> </table> <p>Grams per Litre 28.00  Litres per 500g 18.00  Mass 500 g  Package 4.60 IN x 2.90 IN x 8.60 IN  Dimensions  Package Weight 1.35 LB  Plates per 500g 981.00</p> <p>Preparation</p> <ol style="list-style-type: none"> <li>Suspend 28 grams of the medium in one liter of purified water.</li> <li>Heat with frequent agitation and boil for one minute to completely dissolve the medium.</li> <li>Autoclave at 121°C for 15 minutes.</li> <li>Cool to 45-50°C.</li> </ol>	Formula	Liter	Peptone	5.0 g/L	Meat Extract	3.0 g/L	Sodium Chloride	8.0 g/L	Agar	12.0 g/L	2
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Application	Chemical Laboratory												
Capacity	250 ML												
<b>NEW ITEMS NOT IN OLD EQUIPMENT LIST</b>													
187.	Defibrillator	<ul style="list-style-type: none"> <li>Automated (CT0207RS: one button operation, CT0207RF, full-automatic)</li> <li>50j (Average for 50 Ω at low level energy), 75j (Average for 50 Ω at high level energy).</li> <li>CNME011301 defibrillator/monitor is a biphasic defibrillator/monitor, and is applicable to manual defibrillation, AED defibrillation, pace-making and vital signs monitoring on patients.</li> <li>The key features including:</li> <li>8.4 inch LCD color display with LED</li> </ul>	1										

		backlight <ul style="list-style-type: none"> <li>• Can be operated through buttons, keys and rotary knob</li> <li>• Up to 200J or more energy selection</li> <li>• Integrated vital signs monitoring: ECG, Temp, NIBP, SpO2, etc.</li> <li>• Rechargeable battery supporting long working time</li> <li>• Powerful data storage</li> <li>• Built-in printer</li> </ul>	
188.	Adult Laryngoscope Blades Size: (Mac) 15 cm, 12.5 cm and 10 cm	<ul style="list-style-type: none"> <li>• Great features of the unique GIMA blades and handles</li> <li>• standard 2.5 V vacuum bulb</li> <li>• light ergonomic, satin finish handle to reduce glare</li> <li>• Stainless Steel contacts guarantee long working life</li> <li>• easy sterilization ETO or steam</li> <li>• full range of Mc Intosh &amp; Miller blades, latex free</li> <li>• ISO 7376 fittings allow use of blades with existing handles</li> <li>• set is packaged in an anti-shock case and in cardboard box</li> <li>• 2.5 V handles work with both alkaline batteries or rechargeable batteries</li> <li>• good light transmission of 3,500 LUX with 2.5 V handles</li> <li>• autoclavable up to 134° for 5 minutes (approx. 2,000 times)</li> <li>• non magnetic blades</li> </ul>	1
189.	Sphygmomanometer (Mercury with cuff and stand)	<ul style="list-style-type: none"> <li>• This is a type of standing and mobile blood pressure apparatus for measuring blood pressure in hospital, LCD digital dual Display.</li> <li>• LCD Sphygmomanometer(blood pressure monitor) with stand blood pressure</li> <li>• Wide LCD screen display</li> <li>• No mercury pollution</li> <li>• Measurement Method:Korotkoff-Souna and Oscillometric Method</li> <li>• Quickly and accurately measures</li> <li>• Systolic-Diastolic and Pulse Rate display</li> </ul>	1
190.	Electronic Blood Pressure Monitor	Power Source Battery Powered <ul style="list-style-type: none"> <li>• Easy to Read: Full automatic blood pressure monitor and one-button operation, it will provide you with blood pressure value, also including irregular heartbeat. Make it more convenient to</li> </ul>	1

		<p>monitor your health at home every day.</p> <ul style="list-style-type: none"> <li>• Backlight Display: Clearly display with backlight can easily show you the readings and offer a convenient measurement at night. Friendly to the elders for home use.</li> <li>• 120 Memory x 2 Users Mode: BP machine supports independent dual user, each user can record up to 120 memory sets. Memory readings with specific time and date, which is easily to track health for your families.</li> <li>• Comfortable Wide Range Cuff: 8.7"-15.7" adjustable and soft wide range cuff is designed for a more comfortable measurement and better user experience. It is recommended for home use.</li> <li>• What You Get: 1 x Blood Pressure Monitor, 1 x Cuff, 1 x Instruction Manual, 1 x Quick Start Guide, 1 x USB Cable, 1 x Storage Bag.</li> </ul>	
191.	Pulse Oximeter	<ul style="list-style-type: none"> <li>• ACCURATE, RELIABLE, &amp; QUICK READINGS - Clinically tested and proven consistent results. Receive blood SpO2, Pulse Rate, and Pulse Strength results within 8 to 10 seconds on large digital red LED Pulse Oximeter display.</li> <li>• SpO2, PULSE RATE, and PULSE BAR GRAPH READINGS - Simple bar graph that displays your Pulse Oximeter SpO2, Pulse Rate, and Pulse Strength results.</li> <li>• SUITABLE FOR ALL AGES - Smart design allows for a range of finger sizes to fit into the Pulse Oximeter finger chamber, designed with latex free silicone material.</li> <li>• PORTABLE &amp; EASY TO USE - Light-weight and compact, easy to handle and to carry with you for results at home or outdoors. Pulse Oximeter is for sport and aviation use only. This device is ideal for use during sports activities such as mountain climbing, running, biking, etc.</li> <li>• LOADED WITH ACCESSORIES - Package includes 2-AAA Batteries to power up the Pulse Oximeter, Case to protect the Pulse Oximeter, Neck/Wrist Cord, User Manual, plus no-hassle 1 year manufacturer warranty</li> </ul>	1
192.	Vital Signs Cardiac Monitor (with different	<ul style="list-style-type: none"> <li>• IXAER 8 Inch Multi-Parameter Monitor</li> </ul>	1

	sensor & probes)	<p>Machine with Color LCD Screen</p> <ul style="list-style-type: none"> <li>• High brightness and high resolution display 8 to 12 inch color LCD screen, more comfortable glare.</li> <li>• 24 to 72 hours trend data memory for all the parameters capture.</li> <li>• Can be arbitrarily set the alarm limit, automatic sound and light alarm. Double security protection design, safe and convenient.</li> <li>• Made of durable and resistant material, Ultra-thin modern appearance, portable and space saving.</li> <li>• Built-in lithium battery, AC and DC, can provide long-term support after power failure.</li> </ul>	
193.	Male & Female Catheterization Trainers Manikinb (2 each)	<ul style="list-style-type: none"> <li>• The Apprentice Doctor's Male and Female Interchangeable Catheterization Model feels like the real thing.</li> <li>• It can provide both male and female urethral catheterization with exchangeable genital simulators, a rare aid for your medical practice</li> <li>• The lubricated catheter can be inserted into the urethra through the urethra and into the bladder.</li> <li>• When the catheter enters the bladder, artificial urine will flow out of the catheter. So you feel like you are treating a live patient.</li> <li>• The product is made of PVC plastic material by die casting process, and has the characteristics of lifelike image, real operation, convenient disassembly, reasonable structure and durability.</li> <li>• Constructed According To Real Man Body Structure, High Simulation And Act Like In a Real Body.</li> <li>• Can conduct catheterization practice.</li> <li>• It has the characteristics of real operation and powerful function. So you can practice iteratively until you have a complete grasp</li> <li>• It is applicable to clinical teaching, teaching and practical operation training of students in higher medical colleges, nursing colleges, vocational health colleges, clinical hospitals and grass-roots health units</li> </ul>	1
194.	Suturing Set (Scalpel Hemostat Forceps,	<ul style="list-style-type: none"> <li>• Large suture pad with wounds</li> <li>• Hegar needle holder</li> </ul>	1

	Scissors & Sutures)	<ul style="list-style-type: none"> <li>• Adson forceps</li> <li>• Suture scissors</li> <li>• Scalpel blades (3-pack)</li> <li>• Suture thread (16-pack)</li> <li>• Storage case with zippe</li> </ul>	
195.	NG Tube Manikin	<ul style="list-style-type: none"> <li>• Naso-Gastric Tube Feeding Training model: Constructed According To Real Body Structure,High Simulation And Act Like In a Real Body. Full set of models to demonstrating a variety of normal and abnormal scenes for easy In-depth research and learning of relevant medical knowledge skills</li> <li>• The model consists of the main functions of the male upper body, through the nasal cavity and oral cavity for patient respiratory airway management and various nursing training techniques.</li> <li>• Main contain Hair and face washing; Eye and ear washing and administering;Mouth cavity care;Oxygen inhaling;Nasogastric intubation;Tracheotomy Care;Sputum suction;Oral and nasal cavity intubation etc.</li> <li>• Model uses a polymer silica gel and PVC material,and the super-simulated touch feels,the texture is soft and the touch is real. PVC Material ensure Longer Service Time. Is a rare tool for Medical Training Teaching ang relevant practical training</li> <li>• The models means you no longer need a human patient to work with. This Human Practice Model is Perfect for Training and Teaching, Needed by Hospitals, Medical College, Research Center etc.</li> </ul>	1
196.	Ophthalmoscope	<ul style="list-style-type: none"> <li>• OPHTHALMASCOPE FEATURES: five aperture selections (small spot, large spot, semicircle, fixed and red-free filter); 19 viewing lenses from -20 to +20 diopters for better resolution.</li> <li>• OPHTHALMASCOPE FEATURES: illuminated magnified lens dial; rubber brow rest; and 2.5V AdLED lamp for true tissue color.</li> <li>• EACH INSTRUMENT INCLUDES: AA battery handle (batteries included) with on/off power switch integrated into pocket clip.</li> <li>• SET INCLUDES: tube containing five each Welch Allyn 2.75 mm and 4.25 mm</li> </ul>	1

		<p>disposable specula; two AA batteries for each instrument</p> <ul style="list-style-type: none"> <li>• Two-year warranty on instruments, lifetime warranty on optics and AdLED lamp</li> </ul>	
197.	Otoscope	<ul style="list-style-type: none"> <li>• OTOSCOPE FEATURES: fiber optics for cool, obstruction-free light transmission; 2.5V AdLED lamp for true tissue color.</li> <li>• OTOSCOPE FEATURES: wide-angle swivel 2.5X viewing lens permits instrumentation; and insufflator port (fitting and insufflator sold separately) for pneumatic otoscopy</li> </ul>	1
198.	Lubricant 5 Liter Pot	<p>Material            Stainless Steel</p> <p>Finish Type        Stainless Steel</p> <p>Color                Silver</p> <p>Capacity            5 Liters</p> <ul style="list-style-type: none"> <li>• High quality stainless steel</li> <li>• 5 gallons capacity</li> <li>• Made of stainless steel</li> </ul>	1
199.	Tooth Brush	<p>Color                Matte Black</p> <p>Age Range        Adul (Description)</p> <ul style="list-style-type: none"> <li>• Oral-B Clock is a revolutionary manual toothbrush that combines modern design with excellent cleaning performance</li> <li>• Oral-B Clic comes with 1 ergonomic handle, 2 brush heads, and 1 magnetic holder</li> <li>• Next Gen criss-cross bristles feature ex-filament technology, providing an exceptional cleaning experience</li> <li>• Oral-B Clic features a replaceable brush head so that it uses up to 60% less plastic over 2 years vs. Regular manual toothbrush changed every 3 months as per dentist recommendation</li> <li>• The sleek magnetic holder is perfectly designed for your bathroom wall for hygienic storage of your brush</li> </ul>	1
200.	Snellen Chart	<p>Size                 1 Count (Pack of 1)</p> <ul style="list-style-type: none"> <li>• Snellen wall eye chart is the familiar chart with the big letter or symbol at the top and progressively smaller letters at</li> </ul>	1

		<p>the bottom of the chart down to 20/20 or better.</p> <ul style="list-style-type: none"> <li>• Snellen Wall Chart 22 in x 11 in. And the top center hole, easy to hang on the wall.</li> <li>• The eye chart assists in measuring visual acuity at a distance of 20 feet away from viewer.</li> <li>• Snellen chart includes Red and Green color bars for an easy and helpful color vision test. Made of Plastic and washable. Perfect for optometrists, students, offices, and schools.</li> <li>• What you get: PECULA Eye Chart, welcome guide, our 7*24 friendly customer service for peace of mind.</li> <li>• Made from thick plastic to prevent creases and tears, with matte finish to limit reflections and glare</li> <li>• 22x11" with a metal eyelet for hanging on the wall</li> <li>• Calibrated for use at a 20' distance</li> <li>• 20' distance. 22" x 11", with eyelet to be hung easily</li> </ul>	
201.	Electronic Beds	<ul style="list-style-type: none"> <li>• FULL BED PACKAGE: This fully electric motorized hospital bed includes everything you need, including the adjustable bed frame, a vinyl covered mattress, 2 locking and 2 unlocking casters (wheels), a large button remote controller and full safety rails.</li> <li>• BED SPECS: Measuring 80 x 36 inches, it has a height range of 15" - 20", and has a weight capacity of 450 lbs. The deck is split spring. Both the head-spring and foot assembly are recessed to prevent pinching and injuries.</li> <li>• FIRM FOAM FIBER MATTRESS: The medical mattress is made with high performance fiber and measures 80" x 36" with a 6" depth. The cover is an easy to clean vinyl in frost green. Inverted side seams makes the bed more comfortable for patients.</li> <li>• FULL RAILS INCLUDED: These safety rails are spring loaded and can be installed without tools! They are adjustable in in length from 39.5 to 57.5 inches. An easy release button enables each rail to be independently lowered or raised simply. These universal rails are also compatible</li> </ul>	1

		<p>with Drive, Invacare, Medline and other split spring hospital beds.</p> <ul style="list-style-type: none"> <li>• COMFORT, CONVENIENCE, QUALITY: Easily adjust the bed to the height and position you need. The bed frame is simple to assemble, cleans easily, and the parts are compatible with other hospital beds. Backed by a 2 year manufacturer's warranty.</li> </ul>	
202.	Disposable Towels/drapes	<p>Color White</p> <p>Fabric Type 100% Viscose (Rayon)</p> <ul style="list-style-type: none"> <li>• Essential Disposable Towels</li> <li>• Silky, Cashmere-Like Feel</li> <li>• Highly Absorbent</li> <li>• Nonwoven Fabric</li> <li>• Towel Size: 31.5" x 15.7" (Each)</li> <li>• Bleach and Dye Free</li> </ul>	1
203.	Soap (Dettol)	<p>Item Form Bar</p> <p>Scent Lemon</p> <p>Skin Type Normal</p> <p>Ingredients Dettol Soap</p> <ul style="list-style-type: none"> <li>• 10 times better protection against a wide range of germs</li> <li>• Improved formula for everyday use</li> <li>• New modern shape</li> </ul>	1
204.	Wheel Chair	<ul style="list-style-type: none"> <li>• Powder coated silver vein steel frame with nylon upholstery is durable, lightweight, attractive, and easy to clean</li> <li>• Urethane tires mounted on composite wheels provide durability and low maintenance; Comes with push to lock wheel locks</li> <li>• Padded arms for comfort and a carry pocket on backrest provides additional convenience</li> <li>• Folding back canes for transport and storage; Plastic foot plates</li> <li>• Weight capacity: 250 pounds</li> </ul>	1
205.	Hand Sanitizer (box of 200ml)	<ul style="list-style-type: none"> <li>• Scent: Lemon oil</li> <li>• Size: 200ml</li> <li>• 80% v/v Alcohol Based Hand sanitizer gel for daily use</li> <li>• Contains Aloe Vera, Lemon oil and Vitamin E extracts to protect your skin</li> <li>• Non-stick formula ensures easy application</li> <li>• Gentle on hands</li> </ul>	1

206.	Suction Machine	<ul style="list-style-type: none"> <li>Type: Vacuum Suction Devices</li> <li>Auto-Control: YES</li> <li>capacity of Rinse/Suction: capacity of Rinse: 250~350ml, capacity of Suction: 300~450ml</li> <li>Flow rate: ≥ 2L/min</li> <li>Pressure setting: 47~67KPa</li> <li>Jar capacity: 800ml(PC)*2</li> <li>Operating voltage: AC220V 50Hz</li> <li>Warranty: 1 Year</li> <li>Name: Electric Abortion Suction Unit</li> <li>Color: WHITE</li> <li>Certificate's/ISO13485</li> </ul>	1								
207.	Oxygen kit (oxygen cylinder, humidifier, gauge, Mask mobile stand and key)	<ul style="list-style-type: none"> <li>Item Weight : g 500kg 16</li> <li>Quantity: 10 L</li> <li>Comes with Flowmeter Humidifier Bottle and Spanner</li> <li>It is used in the health care business for patients</li> </ul>	1								
208.	Ventilator with all accessories	<ul style="list-style-type: none"> <li>15" TFT/ LCD screen displays the Ventilation parameters, Alarming information and Waveform.</li> <li>Recycle breathing pipe, ensure easy operating and keep tidy.</li> <li>Multiple working modes such as volume control and pressure limit, adapt to wide range patient.</li> <li>Multiple parameters monitoring interface, make every parameter clear, let users know the patient conditions in all aspects;</li> <li>Real time pressure-time, flow-time loop graphics and high precision O2 concentration detection function included.</li> <li>Stable and low noise air compressor/turbine, create quiet work environment for doctors.</li> <li></li> </ul> <table border="1" data-bbox="624 1637 1182 2018"> <tr> <td data-bbox="624 1637 879 1720">Ventilation modes:</td> <td data-bbox="879 1637 1182 1720">CMV/AC/SIMV/Spectrum APRV</td> </tr> <tr> <td colspan="2" data-bbox="624 1720 1182 1899"> </td> </tr> <tr> <td colspan="2" data-bbox="624 1899 1182 1944">Alarm and protection</td> </tr> <tr> <td data-bbox="624 1944 879 2018">The AC power failure alarm</td> <td data-bbox="879 1944 1182 2018">Power failure or no connection</td> </tr> </table>	Ventilation modes:	CMV/AC/SIMV/Spectrum APRV			Alarm and protection		The AC power failure alarm	Power failure or no connection	1
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		<table border="1"> <tr> <td>Internal battery backup low voltage alarm</td> <td><math>\leq 11.3 \pm 0.3V</math></td> </tr> <tr> <td>No tidal volume</td> <td>No tidal volume within 5-1400s</td> </tr> <tr> <td>High Minute Volume alarm Low Minute Volume alarm</td> <td>5L/min-99L/min 1L/min-30L/min</td> </tr> <tr> <td>High Airway pressure alarm Low Airway pressure alarm High oxygen concentration alarm Low oxygen concentration alarm</td> <td>20cmH<sub>2</sub>O-100cmH<sub>2</sub>O 0cmH<sub>2</sub>O-20cmH<sub>2</sub>O 19%-100% 18%-99%</td> </tr> <tr> <td>Continuous pressure alarm</td> <td>(PEEP+5-25H<sub>2</sub>O) over 16s</td> </tr> <tr> <td>Suffocation warning Fan error Oxygen deficit</td> <td>5-60s Show on screen Show on screen</td> </tr> <tr> <td>The maximum limited pressure</td> <td>&lt;12.5 kPa</td> </tr> <tr> <td>Working conditions</td> <td></td> </tr> <tr> <td>Gas source</td> <td>O<sub>2</sub>,AIR</td> </tr> <tr> <td>Pressure</td> <td>280kPa-600kPa</td> </tr> <tr> <td>Voltage</td> <td>-220V±22V</td> </tr> <tr> <td>Power frequency</td> <td>50Hz±1Hz</td> </tr> <tr> <td>Input power</td> <td>900VA(with air compressor) 250VA(without air compressor)</td> </tr> </table>	Internal battery backup low voltage alarm	$\leq 11.3 \pm 0.3V$	No tidal volume	No tidal volume within 5-1400s	High Minute Volume alarm Low Minute Volume alarm	5L/min-99L/min 1L/min-30L/min	High Airway pressure alarm Low Airway pressure alarm High oxygen concentration alarm Low oxygen concentration alarm	20cmH <sub>2</sub> O-100cmH <sub>2</sub> O 0cmH <sub>2</sub> O-20cmH <sub>2</sub> O 19%-100% 18%-99%	Continuous pressure alarm	(PEEP+5-25H <sub>2</sub> O) over 16s	Suffocation warning Fan error Oxygen deficit	5-60s Show on screen Show on screen	The maximum limited pressure	<12.5 kPa	Working conditions		Gas source	O <sub>2</sub> ,AIR	Pressure	280kPa-600kPa	Voltage	-220V±22V	Power frequency	50Hz±1Hz	Input power	900VA(with air compressor) 250VA(without air compressor)	
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209.	Oxygen Mask Adults	<ul style="list-style-type: none"> <li>• Oxygen Mask Features:</li> <li>• The turn-up rim can ensure comfortable fit with good seal</li> <li>• Offered with head strap and adjustable nose clip</li> <li>• Available with infant, pediatric and adult sizes</li> <li>• The standard length of tube is 2.1m, and</li> </ul>	1																										

		different length is available									
210.	Oxygen Mask Children	<ul style="list-style-type: none"> <li>Made of clear, medical grade</li> <li>PVC With adjustable nose clip,elastic strap with/without latex</li> <li>Medium concentration,approx 50%.</li> <li>Color:green transparent,white transparent and light blue transparent is available.</li> <li>Length:with 2m tubing,different length can be customized.</li> <li>Anti-crush tube can ensure oxygen follow even if the tube is kinked.</li> <li>Packing:packed in individual pe pack,50pcs/carton or 100pcs/carton.</li> </ul>	1								
211.	Glucostrip	<ul style="list-style-type: none"> <li>Accu Check Performa. 1 Pack = 100Strips.</li> </ul>	1								
212.	Lancet Injector (Box)	<table border="1"> <tr> <td>Weight</td> <td>280 gm</td> </tr> <tr> <td>Colour</td> <td>Blue</td> </tr> <tr> <td>Packaging Size</td> <td>100 Round Glucometer Lancet</td> </tr> <tr> <td>Material</td> <td>Plastic</td> </tr> </table> <ul style="list-style-type: none"> <li>Description Available in pack size 100s Universal Design, applicable with almost all glucometer brands except Accu-Chek glucometer lancing device.</li> <li>High quality medical devices at affordable prices</li> <li>Can be used with all major brand of lancing device except Accu-Chek</li> <li>Disposable Sterile Single Use Lancets</li> </ul>	Weight	280 gm	Colour	Blue	Packaging Size	100 Round Glucometer Lancet	Material	Plastic	1
Weight	280 gm										
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Packaging Size	100 Round Glucometer Lancet										
Material	Plastic										
213.	Anatomic Models for injections in arm, buttock and thigh	<ul style="list-style-type: none"> <li>1 x Buttock Injection Model</li> <li>1 x 5ml syringe</li> <li>1 x Buttock injection module</li> <li>1 x Leg injection module</li> <li>1 x Operation manual</li> <li>The intramuscular Arm simulator is supplied with: <ul style="list-style-type: none"> <li>2 AA batteries</li> <li>detailed instruction manual</li> <li>replacement skin</li> <li>5-ml injection syringe</li> <li>21G/0.8 injection needl</li> </ul> </li> </ul>	1								
214.	Spirit (5 L)	<ul style="list-style-type: none"> <li>IUPAC Name: 2-Propanol</li> <li>Other Names: Isopropanol, Sec Propyl Alcohol</li> <li>CAS: 67-63-0</li> </ul>	1								

		<ul style="list-style-type: none"> <li>Chemical Formula: C3H8O</li> <li>Molar Mass: 60.10 g/mol</li> </ul>															
215.	Soaps Liquid 100ml	item Form                      Liquid Scent                              Lemon Skin Type                         Sensitive,All Skin Types	1														
216.	LP needles (different size)	<table border="1"> <tr> <td>Color</td> <td>Blue</td> </tr> <tr> <td>Item Weight</td> <td>2.00 pounds</td> </tr> <tr> <td>Model Number</td> <td>405078</td> </tr> <tr> <td>Number of Items</td> <td>25</td> </tr> <tr> <td>Part Number</td> <td>405078</td> </tr> <tr> <td>Temperature Rating</td> <td>Ambient: 15 to 25 C (59 to 77 F)</td> </tr> <tr> <td>UNSPSC Code</td> <td>41131902</td> </tr> </table> <ul style="list-style-type: none"> <li>18G x 6"</li> <li>Polypropylene Hub</li> <li>Key/Slot arrangement of stylet and cannula hubs facilitates proper needle bevel orientation</li> <li>Unique translucent window hub allows for easy visualization of CSF</li> <li>Specialized fitted stylet reduces tissue corin</li> </ul>	Color	Blue	Item Weight	2.00 pounds	Model Number	405078	Number of Items	25	Part Number	405078	Temperature Rating	Ambient: 15 to 25 C (59 to 77 F)	UNSPSC Code	41131902	1
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217.	Butter Fly needles	<table border="1"> <tr> <td>Number of Items</td> <td>200</td> </tr> </table>	Number of Items	200	1												
Number of Items	200																
218.	Inj Bi-Carb	Bicarb injection sampe Available at any medical store	1														
219.	Inj Potassium	Potassium injection sampe Available at any medical store	1														
220.	IV Flow Meter (Diflow)	Available at any medical store	1														
221.	3 Way Stopper	Material            Polycarbonate Brand	1														
222.	Heparin Lock	<ul style="list-style-type: none"> <li>Hep-Lock 10 Unit/MI Intravenous Solution</li> </ul>	1														

		<ul style="list-style-type: none"> <li>Strength: 100 UNITS/M</li> </ul>													
223.	Opsit Dressing (different size)	<ul style="list-style-type: none"> <li>OpSite IV3000 film with a high MVTR</li> <li>Easy application system using a flexible carrier</li> <li>Low adherent absorbent dressing pad</li> <li>Fluid and bacterial barrier</li> </ul> <p>Size                      10 Count (Pack of 1)</p>	1												
224.	Deudrum Dressing	<p>Size                      10 Count (Pack of 1)</p> <p>Product                6.5 x 5.6 x 1.1 inches; 5 Ounces</p> <p>Dimensions</p> <p>Item Form              Pads</p>	1												
225.	Surgical Blades (various type)	<table border="1"> <tr> <td>Ean</td> <td>6422906005547</td> </tr> <tr> <td>Fabric Type</td> <td>High Carbon Steel Blade , Sterile , Individually foil wrapped</td> </tr> <tr> <td>Material</td> <td>Sharp Blade for Multiple Uses - Sterile and Safe!</td> </tr> </table>	Ean	6422906005547	Fabric Type	High Carbon Steel Blade , Sterile , Individually foil wrapped	Material	Sharp Blade for Multiple Uses - Sterile and Safe!	1						
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Fabric Type	High Carbon Steel Blade , Sterile , Individually foil wrapped														
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226.	Sutures (various type)	<table border="1"> <tr> <td>Color</td> <td>Nylon- blue, Silk- black, Polyester- green</td> </tr> <tr> <td>Material</td> <td>Nylon</td> </tr> <tr> <td>Measurement System</td> <td>Metric</td> </tr> <tr> <td>Number of Items</td> <td>28</td> </tr> <tr> <td>Part Number</td> <td>matwix3078</td> </tr> <tr> <td>Size</td> <td>0/1, 0/2, 0/3, 4/0</td> </tr> </table>	Color	Nylon- blue, Silk- black, Polyester- green	Material	Nylon	Measurement System	Metric	Number of Items	28	Part Number	matwix3078	Size	0/1, 0/2, 0/3, 4/0	1
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227.	DVDs for BLS, ACLs, Nursing Scenarios (For nursing OSCE and assessment)	<ul style="list-style-type: none"> <li>Publisher : American Heart Association (January 1, 2020)</li> <li>Language : English</li> <li>ISBN-10 : X161669775</li> <li>ISBN-13 : 1616697754-978</li> <li>Item Weight : pounds 1</li> </ul>	1												
228.	Electrodes	<ul style="list-style-type: none"> <li>Size: 4cm X 3.5cm - Smaller size for easier application and minimal irritation</li> <li>Firm adhesive with up to 5 days of monitoring</li> <li>Foam Tape backing with Sticky Gel providing optimal patient comfort</li> <li>Excellent trace quality for more accurate results</li> <li>Can be used in various applications of</li> </ul>	1												

		ECG (EKG) tests, or monitoring			
229.	ECG Gel 5 Liter	<ul style="list-style-type: none"> <li>• Dispenser bottle features Parker's SNAP-CAP with self-sealing silicone valve</li> <li>• Acoustically correct for the broad range of frequencies used in medical ultrasound applications</li> <li>• Gentle wetting of the skin assures excellent transmission of ultrasound waves at all times</li> </ul>	1		
230.	Virtual I V Simulator	<ul style="list-style-type: none"> <li>• Reusable &amp; Durable</li> <li>• infusion set is not included</li> <li>• Realistic Skin Quality</li> <li>• used for injection, blood transfusion and hemospasia training</li> <li>• The skin and blood vessels can be easily replaced</li> </ul> <table border="1"> <tr> <td>Number of Items</td> <td>1</td> </tr> </table>	Number of Items	1	1
Number of Items	1				
231.	CPR Training manikin Infant & Child Manikin	<ul style="list-style-type: none"> <li>• -1 complete unit with 2 pre-programmed scenarios installed (each in English and Spanish)</li> <li>• -1 set of child pads and connector</li> <li>• -3 AA batteries</li> </ul> <p>Also included:</p> <ul style="list-style-type: none"> <li>• - Manivest</li> <li>• - ManiBibs</li> <li>• - Kneeling Mat</li> <li>• Realistic looking infant manikin with fully formed neck portion</li> <li>• · Easy-to-insert lung bags (10 included) speed setup of the manikin</li> <li>• · Realistic skin resists dirt, grime and grease</li> <li>• · Clicker mechanism increases student's confidence in administering adequate compressions</li> <li>• · Manikins are capable of being cleaned and decontaminated per CDC guidelines</li> <li>• · Requires 2 AA batteries to operate. Batteries purchased separately.</li> <li>•</li> </ul>	1		
232.	Pocket Masks all sizes	<table border="1"> <tr> <td>Production Method</td> <td>* masks made with a brand new janome</td> </tr> </table>	Production Method	* masks made with a brand new janome	1
Production Method	* masks made with a brand new janome				

		<p>mc6700p professional sewing machine to ensure top of the line stitching quality using only brand new top quality 100% tight woven cotton material.</p> <p>Material 100% Acrylic Yarn</p>	
233.	Spinal Cord Model	<p>Color Natural Bone</p> <p>Style Spinal Nerves and Arteries</p> <p>Item Weight 7.00 pounds</p>	1
234.	Brain Model	<p>Height 6.9 inches</p> <p>Length 5.5 inches</p> <ul style="list-style-type: none"> <li>• Cross-section Brain Model,</li> <li>• 2 Piece,</li> <li>• Color Coded ,</li> </ul>	1
235.	Intestine Model	<p>Color Flesh</p> <p>Material Plastic , Metal</p> <p>Model Number 3340</p> <ul style="list-style-type: none"> <li>• MODEL DETAILS - This product contains a model, an informational card, &amp; display base. The full size of the model measures 6" x 2-1/2" x 7-3/4". The size of the card measures 6-1/4" x 8-1/4". The size of the base measures 6-1/2" x 5".</li> </ul>	1
236.	Stomach Model	<ul style="list-style-type: none"> <li>• Model is a full size cut-away section of the stomach. It shows a gastric ulcer, duodenal ulcer, and esophageal inflammation.</li> <li>• MODEL DETAILS - This product contains a model, an informational card, and display base.</li> <li>• The size of the model measures 7-3/4" x 1-1/4" x 6-1/4".</li> <li>• The size of the card measures 6-1/2" x 5-1/4".</li> <li>• The size of the base measures 6-1/2" x 5"</li> </ul>	1

237.	Skeletal Model	<ul style="list-style-type: none"> <li>Realistically detailed miniature model of the human skeleton</li> <li>Gain a deeper understanding of how organs and systems interact by manipulating them yourself</li> <li>41-piece model</li> <li>Features brain, skull, heart, ribcage, lungs, liver, stomach, pancreas, kidneys, intestines, and spine (9.2" x 6.7" x 2.2")</li> <li>Great for ages 8+</li> <li>1/2 LIFE SIZE - Made out of quality PVC and measures 85cm in height when placed on base.</li> <li>BASE INCLUDED - The sturdy base is included and holds the anatomical model upright for optimal viewing from all angles.</li> <li>REMOVABLE PIECES - The arms, legs, and top of the skull remove for easy labeling and studying.</li> </ul>	1
238.	Ear Model	<p>Color Multi-Color Theme Halloween</p> <ul style="list-style-type: none"> <li>Ear model represents the outer, middle, and inner ear</li> <li>There is no compromise in quality for this ear model</li> <li>Ear on base</li> <li>Measures 5.5" x 3.9" x 5.8</li> </ul>	1
239.	Eye Model	<ul style="list-style-type: none"> <li>Spark biological investigation with this cross-section eye model</li> <li>Teaches biology, scientific vocabulary, and more</li> <li>Realistically detailed model identifies all major parts of the eye</li> <li>Features realistic details and includes an activity guide with facts and a diagram to label</li> <li>This product contains a model, an informational card, and display base.</li> <li>The full size of the model measures 5" x 3" x 4".</li> <li>The size of the card measures 6-1/2" x 5-1/4".</li> <li>The size of the base measures 6-1/2" x 5".</li> </ul>	1
240.	Heart Model	<p>Color Red and Blue Ean 0616316878525</p>	1

		<table border="1"> <tr> <td>Item Weight</td> <td>8.8 ounces</td> </tr> <tr> <td>Material</td> <td>High Quality, Durable</td> </tr> </table> <ul style="list-style-type: none"> <li>• LIFE SIZE - This human heart model is actually the proper size to represent a real adult heart. It shows 34 internal structures of the human heart though an innovative 2-piece design.</li> <li>• HIGH QUALITY - Human heart models are made of environmentally friendly PVC material. This heart model will withstand years of constant use.</li> <li>• COLORFUL PLASTIC - The bright colors of this heart model help you tell the different structures apart. It helps to identify the functions of each part and the direction of blood flow.</li> <li>• PERFECT FOR TEACHING &amp; EDUCATION - This lifelike model is perfect for biology and anatomy classes along with patient education. Parts are numbered for easy identification. It comes with a simple guide for reference.</li> </ul>	Item Weight	8.8 ounces	Material	High Quality, Durable	
Item Weight	8.8 ounces						
Material	High Quality, Durable						
241.	Kidney Model	<ul style="list-style-type: none"> <li>• It is 3x life-size, allowing for a magnified view of the inner anatomy.</li> <li>• It features 24 numbered anatomical details including: <ul style="list-style-type: none"> <li>• Cortex</li> <li>• Medulla</li> <li>• Straight Venules and Arterioles</li> <li>• Renal Pyramids</li> <li>• Proximal Convolutd Tubule</li> </ul> </li> <li>• Accompanied by a full-color digital product manual.</li> <li>• Comes mounted on a white base.</li> <li>• This line of products was designed by and for medical professionals, using only the finest materials to craft each model</li> <li>•</li> </ul>	1				
242.	Liver Model	<ul style="list-style-type: none"> <li>• Model is of a full size liver with the following common pathologies: Cirrhosis (septal and nodular), biliary obstruction, gallstones, &amp; tumors.</li> <li>• This product contains a model, an informational card, &amp; display base.</li> <li>• The full size of the model measures 8" x 4-1/2" x 5-1/2".</li> <li>• The size of the card measures 6-1/2" x 5-1/4".</li> </ul>	1				

		<ul style="list-style-type: none"> <li>• The size of the base measures 6-1/2" x 5".</li> <li>• 5X enlarged model of liver</li> <li>• Can be dissected into 3 parts to show the left, right, caudate and quadrate lobes, as well as the gall bladder, hepatic gall ducts, and the bile ducts system</li> <li>• Mounted on a stand</li> </ul>	
243.	Pancreas Model	<ul style="list-style-type: none"> <li>• The full size of the model measures 7-3/4" x 2-1/2" x 5-3/4".</li> <li>• The size of the card measures 6-1/2" x 5-1/4".</li> <li>• The size of the base measures 6-1/2" x 5".</li> <li>• The Pancreas Model is a perfect display for patient education in a doctor's office or a healthcare facility.</li> <li>• Size: 10*20*5.5cm.</li> <li>• The model shows the structure of the pancreas, duodenum and spleen as well as blood vessels such as the celiac trunk and the hepatic portal vein.</li> <li>• There are 22 indications.</li> </ul>	1
244.	Skull Model	<p>Material                      High Quality, Durable</p> <p>Style                              Human Skull Anatomical Model</p> <ul style="list-style-type: none"> <li>• Comes with instructions!</li> <li>• Great for demonstrations!</li> <li>• Anatomically correct!</li> <li>• Removable teeth!</li> <li>• Top comes off!</li> </ul>	1
245.	Vertebral Column Model	<ul style="list-style-type: none"> <li>• Vertebrae Model is a detailed, 15.5-inch (39.4cm) long half-size spinal model with pelvis and femur that shows anatomically accurate features of each vertebra including vertebral body, spinous and transverse processes, vertebral notch, and spinal canal; Includes facet joints, vertebral artery, nerve branches, herniated disc between the 4th and 5th lumbar vertebrae, complete pelvis, sacrum, and femur</li> <li>• Includes a 19.75-inch (50.2cm) tall metal stand with 5.5-inch x 7-inch (14cm x 17.8cm) plastic base and 360-degree pivot hook that allows you to position the model at different angles; Entire structure is supported by a flexible wire that allows you to bend, twist, and rotate the model in any direction; This flexibility</li> </ul>	1

		<p>allows you to show various forms of movement or how certain conditions may impact the spine</p> <ul style="list-style-type: none"> <li>• Stand unscrews near the base and comes apart for easy storage when not in use</li> </ul>	
246.	Lung Model	<ul style="list-style-type: none"> <li>• Model is of a full size cut-away of a normal lung. It includes the bronchus, arteries, vein, two lymph nodes, bronchial passages, &amp; trachea bifurcation</li> <li>• The full size of the model measures 4-1/4" x 5-1/2" x 8-1/4". The size of the card measures 6-1/2" x 5-1/4". The size of the base measures 6-1/2" x 5".</li> <li>• Anatomically accurate</li> <li>• Attractive white display stand</li> <li>• Detailed educational card</li> <li>• One year warranty. 100% money back guarantee</li> </ul>	1
247.	Breast Model	<ul style="list-style-type: none"> <li>• This is a full size model of the left breast. It is made of durable lifelike material w/ embedded lumps that simulate irregular masses.</li> <li>• It simulates a fibrocystic mass, a typical tumor, &amp; a lactiferous duct.</li> <li>• The full size of the model measures 8-3/4" x 6-1/4" x 3".</li> <li>• The size of the card measures 8-1/4" x 6-1/4". The size of the base measures 8-7/8" x 6-1/4".</li> <li>•</li> </ul>	1
248.	Anatomical Torso: can remove various parts and organs	<ul style="list-style-type: none"> <li>• GET IT RISK-FREE: Comes with 12-month service guarantee, provides replaceable parts if needed.</li> <li>• INFORMATIVE &amp; UNIQUE: Includes 32 parts, most of which are hand made by professionals; detailed visual study aid for students to learn anatomy or physiology, a gift with hopes for the incoming 2020 New Year.</li> <li>• LIFE SIZE: Details on this 33.5" tall human torso model can be easily seen, including the small organs such as gallbladder; accurate teaching aid for teachers, professional use for doctors to illustrate anatomy to patients.</li> <li>• REMOVABLE VITAL ORGANS: Easy to assemble and disassemble vital parts including brain, heart, lungs, liver, intestines, perfect for children to learn the organ shape, no need to spend extra</li> </ul>	1

		<p>money on organ models; Includes interchangeable male and female genitalia, perfect for hygiene class.</p> <ul style="list-style-type: none"> <li>• DURABLE &amp; STURDY: Made of high-quality PVC, not flimsy, won't break easily when the parts drop; flat base makes the model stand firmly on table or floor; online user guide available.</li> </ul>	
249.	Muscle skeletal Model Max on 5 feet roller stand	<ul style="list-style-type: none"> <li>• The human muscle skeleton model has all the high quality of any 3B Scientific skeleton but additionally offers representations of the structural interaction between bones and muscles</li> <li>• Excellent price-performance ratio, 3-year warranty</li> <li>• First-class natural cast "Made in Germany", manual final assembly</li> <li>• Made of durable, unbreakable plastic, almost realistic weight of the approx. 200 bones</li> <li>• Life-size, 3-part mounted skull</li> </ul>	1
250.	Microscope binocular	<p>Light Source      Halogen, LED Type</p> <p>Material            Metal</p> <p>Color                White</p> <p>Real Angle of      45 Degrees View</p> <p>Magnification      1500 x Maximum</p> <p>Voltage              220 Volts</p> <ul style="list-style-type: none"> <li>• Viewing tube: Binocular head 45degree inclined.</li> <li>• Head Rotatable at 360 degree, Built in Illumination LED with intensity control. (Battery backup optional)</li> <li>• Quadruple nose piece with positive click stops.</li> <li>• Coarse &amp; Fine focusing Graduated to 1Div=.002mm.</li> <li>• Movable abbe Condensor N.A.1.25 with iris diaphragm with swingout filter holder.</li> </ul>	1
251.	Cardiovascular Chart	<ul style="list-style-type: none"> <li>• A 24" x 36" laminated Cardiorespiratory System reference guide poster. 2 posters for the price of 1!</li> <li>• Great for the medical student or medical office, classroom</li> <li>• On one side, full color illustrations vividly depicting the anatomy of the heart,</li> </ul>	1

		<p>conducting system, coronary arteries, cardiac veins, and the respiratory system.</p> <ul style="list-style-type: none"> <li>• The other side, heart functions, and circulation.</li> <li>• Great for the dorm, classroom of medical office. Great teaching and learning chart poster.</li> </ul>	
252.	Reproductive System Chart	<ul style="list-style-type: none"> <li>• Male 7Female:</li> <li>• Double Sided Poster - Front Vertical - Back Horizontal</li> <li>• High-quality 3 MIL LAMINATION for added durability</li> <li>• 18" x 27"</li> <li>• Tear Resistant</li> <li>• Illustrates ovum, the female pelvic organs (sagittal section) and the female perineum</li> <li>• Provides views of ovary and uterus during the menstrual cycle</li> <li>• Shows ovary, fallopian tube, uterus and vagina.</li> </ul>	1
253.	Skeletal Chart	<p>Size A4</p> <p>Color Skeletal Laminated Card</p> <p>Frame Material Plast</p> <ul style="list-style-type: none"> <li>• The skeletal system anatomical laminated chart illustrates the human skeletal system from the front, side and back view</li> <li>• Views of the front, side and back</li> <li>• View of the vertebral column</li> <li>• A4 Size</li> <li>• Can use Dry Erase</li> </ul>	1
254.	Nervous system Chart	<p>Size 3B Scientific VR1620L Glossy Laminated Paper Nervous System Anatomical Chart, Poster Size 20" Width x 26" Height3B Scientific VR1620L Glossy Laminated Paper Nervous System Anatomical Chart, Poster Size 20" Width x 26" Height <a href="#">See more</a></p> <p>Material Paper</p> <p>Frame Material Metal</p> <ul style="list-style-type: none"> <li>• This anatomical poster of the human nervous system comes in colorful detail</li> <li>• The poster details the entire human</li> </ul>	1

		<p>nervous system including the human brain and spinal cord</p> <ul style="list-style-type: none"> <li>• The labeled poster of the anatomy of the nervous system is a great addition to any doctor's office or classroom and is a valuable tool for patient education</li> <li>• This thickly laminated anatomical chart is printed on premium glossy (200 g) UV resistant paper</li> <li>• The poster also comes with 2 sided lamination (125 micron, 5.0 Mil) and metal eyelets to make the chart easy to display</li> </ul>	
255.	Digestive System Chart	<p>Mounting Type      Wall Mount</p> <ul style="list-style-type: none"> <li>• This Digestive System poster chart is a 24" x 36' laminated wall chart that contains detailed illustrations, with corresponding labels of the entire digestive system, simplify the complex digestive process from the mouth to the intestines.</li> <li>• The digestive system is examined from 11 separate perspectives for ease of reference, with its specific components numbered to provide a clear linkage to the proper anatomical terms.</li> <li>• Provides a clear linkage to the proper anatomical terms</li> <li>• Diagrams and supporting text to ensure fast learning</li> <li>• Easy-to-read to promoted memory retention. Great learning aid. Perfect for medical schools, offices and those studying medicine</li> </ul>	1
256.	Body Lymph Node Chart	<p>Material      Paper</p> <ul style="list-style-type: none"> <li>• Classic illustrations by Peter Bachin.</li> <li>• Shows the lymphatic system throughout the body.</li> <li>• Illustrates internal iliac lymph node, lymph vessels, lymph nodes of the stomach, pancreas, spleen and biliary tract.</li> <li>• Also shows lymph vessels, lymph nodes of the small intestine, and lymph vessels, lymph nodes of the inguinal region, pelvis and the posterior wall of the abdomen.</li> <li>• Size is 20 inches by 26 inches - Heavy Paper.</li> </ul>	1

257.	Endocrine System Chart	<ul style="list-style-type: none"> <li>• 18" x 27" in size</li> <li>• High-quality 3 MIL lamination for added durability</li> <li>• Each Poster is Double Sided - Front Vertical - Back Horizontal</li> <li>• Tear Resistant</li> </ul>	1
258.	Male/female reproductive Models	<p><b>Female:</b></p> <ul style="list-style-type: none"> <li>• Advanced painting, clearly visible: This model matches the color of the computer, is not easy to fall off, durable, washable and unbreakable; is clear and easy to read; is easy to observe and learn; and is taken in kind. It is clearly visible.</li> <li>• Quality hardware, strong fixed: Side Hinge Connection, High-quality hardware and nuts fixed, scalable, easy to observe and learn.</li> <li>• SAFE AND RELIABLE. Side hinge connection, placed on the base.</li> <li>• MEDICAL TEACHING. This model is suitable for use as a visual aid in explaining the physical health class in secondary schools and the Reproductive System Education course in medical schools. It is easy for students to understand the reproductive system of human, accessory organs and nerve vessels.</li> <li>• It is an ideal teaching aid for medical colleges and universities, and it is also a good assistant for doctors to communicate with patients during work.</li> </ul> <p><b>Male:</b></p> <ul style="list-style-type: none"> <li>• MALE ANATOMY: This human male reproductive system model comes with a stand and base that is perfect for displaying during classrooms and presentations</li> <li>• PERFECT FOR: Using as a visual aid for anatomy, medical class, science classrooms, and labs. It also makes a great decoration for the doctor's office and a visual display to patients during appointments and checkups</li> <li>• HIGH QUALITY: Made of quality PVC plastic that is lightweight and sturdy</li> <li>• DIMENSIONS: Male anatomy model measures approximately 13 x 6.7 inches</li> <li>• WHAT'S INSIDE: Comes with 1 male urogenital system model per pack</li> </ul>	1

259.	GI system Model		<ul style="list-style-type: none"> <li>Product Dimensions : 2.5x 7.75x 6 Pounds 3 ;inches</li> <li>Model is a cut-away view of the small &amp; large intestine with the following common pathologies: adhesions, appendicitis, bacterial infections, cancer, Crohn's disease, diverticulitis, polyps, spastic colon, &amp; ulcerative colitis.</li> <li>MODEL DETAILS - This product contains a model, an informational card, &amp; display base. The full size of the model measures 6" x 2-1/2" x 7-3/4".</li> <li>The size of the card measures 6-1/4" x 8-1/4".</li> <li>The size of the base measures 6-1/2" x 5".</li> </ul>	1				
<b>Emergency Crash carts Equipment s:</b>								
260.	CPR Board	2	<ul style="list-style-type: none"> <li>Standard Size - Measures approximately 18" x 23" and 3/8" thick. Can store on crash cart. Made with polypropylene plastic, built to last and withstand time.</li> <li>Emergency Situations - Ideal when patients cannot be moved and CPR must be administered in a bed.</li> <li>Easy To Use &amp; Store - Has hand slots and thumbholes for easy grip. Will fit on a crash cart or can be hung in a room.</li> <li>Suitability - Users should undertake sufficient verification and testing to determine the product &amp; material suitability for their own particular purpose art but is usually hung in a room.</li> </ul>	1				
261.	Epinephrine 1:1000/1ml – 10		<ul style="list-style-type: none"> <li>This 1:1000, 1 mL solution comes in a 1 mL single-use vial.</li> <li>NDC Number: 42023-0159-25</li> <li>Strength: 1 mg/mL</li> </ul>	1				
262.	Dexamethasone 4mg/1m		<ul style="list-style-type: none"> <li>1 mL solution comes in a 1 mL single-use vial</li> </ul>	1				
263.	Adenosine 6mg/2cc -- 5		<ul style="list-style-type: none"> <li>Adenosine injection is a sterile, nonpyrogenic solution for rapid bolus intravenous injection.</li> <li>Each mL contains 3 mg adenosine, and 9 mg sodium chloride, in Water for Injection.</li> <li>The pH of the solution is between 4.5 and 7.5.</li> </ul>	1				
264.	Atropine	50	<table border="0"> <tr> <td>Packaging Size</td> <td>5 ml</td> </tr> <tr> <td>Packaging Type</td> <td>Vial</td> </tr> </table>	Packaging Size	5 ml	Packaging Type	Vial	1
Packaging Size	5 ml							
Packaging Type	Vial							

		Dose/Strength (ex. 1 mg or 1ml)	200mg/5ml	
		Usage	Clinical, Hospital	
		Minimum Order Quantity	1000 Unit	
265.	Adrenaline 50	<ul style="list-style-type: none"> <li>Adrenaline Injection BP 1/1000 (1mg/1ml)</li> </ul>		1
266.	Calcium Gluconate 1gm/10ml – 5	<ul style="list-style-type: none"> <li>9.5% of Calcium Gluconate in 10ml</li> <li>Each 1 ml of solution contains 95 mg calcium gluconate, equivalent to 0.22 mmol calcium.</li> <li>Each 10 ml of solution contains 950 mg of calcium gluconate, equivalent to 2.2 mmol calcium.</li> <li>Sterile injection</li> </ul>		1
267.	Magnesium sulphate-5	<ul style="list-style-type: none"> <li>Injection, USP (50%) for IV and IM use is a sterile concentrated solution of magnesium sulfate (magnesium sulfate (magnesium sulfate injection) injection) USP.</li> </ul>		1
268.	Lanoxin 0.5mg/2ml – 5	<ul style="list-style-type: none"> <li>(digoxin) Injection</li> </ul>		1
269.	Diltiazem – 10	<ul style="list-style-type: none"> <li>used to control rapid heartbeats or abnormal heart rhythms.</li> <li>Solution</li> <li>Powder for Solution</li> </ul>		1
270.	Dantrium 20mg 5	<ul style="list-style-type: none"> <li>Dantrium IV 20 mg powder for solution for injection</li> <li>Each vial contains 20mg dantrolene sodium.</li> </ul>		1
271.	Benadryl 50mg/1ml – 10	<ul style="list-style-type: none"> <li>injection</li> <li>Brand Name: Benadryl Injection</li> <li>Color: Clear</li> <li>Container Type: Package, Vial</li> <li>Strength: 50 mg/m</li> <li>Total Volume: 1 ml</li> </ul>		1
272.	Diazepam 10 mg 10	<ul style="list-style-type: none"> <li>Valium (diazepam) is a benzodiazepine derivative.</li> <li>The chemical name of diazepam is 7-chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepin- 2-one.</li> <li>It is a colorless to light yellow crystalline compound, insoluble in water.</li> <li>The empirical formula is C<sub>16</sub>H<sub>13</sub>ClN<sub>2</sub>O and the molecular weight is 284.75.</li> </ul>		1
273.	Dormicum 5 mg 10	<ul style="list-style-type: none"> <li>, solution for injection / infusion</li> <li>Midazolam hydrochloride 5.56 mg equivalent to 5 mg Midazolam</li> </ul>		1
274.	Glucagon 2	<ul style="list-style-type: none"> <li>Glucagon for Injection is a polypeptide hormone identical to human glucagon that increases blood glucose and relaxes smooth muscle of the gastrointestinal tract.</li> </ul>		1

		<ul style="list-style-type: none"> <li>Glucagon is synthesized in a special non-pathogenic laboratory strain of Escherichia coli bacteria that has been genetically altered by the addition of the gene for glucagon</li> </ul>									
275.	Lasix 40 mg 20	<ul style="list-style-type: none"> <li>Ampule</li> </ul>	1								
276.	Solocortef 250mg 10	<ul style="list-style-type: none"> <li>succinate</li> <li>Vial</li> </ul>	1								
277.	Solocortef 500mg 10	<ul style="list-style-type: none"> <li>succinate</li> <li>Vial</li> </ul>	1								
278.	Vasopressin 20 units/cc – 2	(vasopressin injection) for intravenous use	1								
279.	Avil 20	<table border="1"> <tr> <td>Packaging Size</td> <td>2 ML</td> </tr> <tr> <td>Packaging Type</td> <td>Injection</td> </tr> <tr> <td>Dose/Strength (ex. 1 mg or 1 ml)</td> <td>45.5 MG</td> </tr> <tr> <td>Usage</td> <td>Clinical</td> </tr> </table>	Packaging Size	2 ML	Packaging Type	Injection	Dose/Strength (ex. 1 mg or 1 ml)	45.5 MG	Usage	Clinical	1
Packaging Size	2 ML										
Packaging Type	Injection										
Dose/Strength (ex. 1 mg or 1 ml)	45.5 MG										
Usage	Clinical										
280.	Dextrose 50gm/50ml – 5	<ul style="list-style-type: none"> <li>Dosage form: injection, solution</li> <li>Drug class: Glucose elevating agents</li> </ul>	1								
281.	Amiodarone 150mg/3ml – 2	<ul style="list-style-type: none"> <li>Amiodarone Hydrochloride Injection, for intravenous use, contains amiodarone HCl, a class III antiarrhythmic drug. Amiodarone HCl is methanone hydrochloride.</li> <li>Amiodarone HCl is a white to slightly yellow crystalline powder, and is very slightly soluble in water.</li> <li>It contains 37.3% iodine by weight.</li> <li>Amiodarone HCl Injection is a sterile clear, pale-yellow micellular solution visually free from particulates.</li> <li>Each mL of the Amiodarone HCl Injection formulation contains 50 mg of amiodarone HCl, 20.2 mg of benzyl alcohol, 100 mg of polysorbate 80, and water for injection.</li> </ul>	1								
282.	Nitroglycerine 50mg/10ml (GTN) 5	<ul style="list-style-type: none"> <li>NITROGLYCERIN INJECTION,</li> <li>USP 50mg/10mL (5mg/mL)</li> <li>10mL VIAL</li> </ul>	1								
283.	Isoket 5	Packing :6X10 Specification : 20MG	1								
284.	Sodium Bicarb 8.4%/50ml 10	<ul style="list-style-type: none"> <li>Sodium Bicarbonate 8.4% w/v</li> <li>Each ml solution for injection contains 23.00 mg of sodium.</li> </ul>	1								

		<ul style="list-style-type: none"> <li>• Clear, bright, colourless solution</li> </ul>	
285.	1 D5½ NS 250cc – 10	<ul style="list-style-type: none"> <li>• Dextrose and Sodium Chloride Injections USP are sterile, nonpyrogenic and contain no bacteriostatic or antimicrobial agents.</li> <li>• These products are intended for intravenous administration.</li> <li>• These intravenous solutions are indicated for use in adults and pediatric patients as sources of electrolytes, calories and water for hydration.</li> </ul>	1
286.	Dopamine 400mg/10ml 5	<ul style="list-style-type: none"> <li>• DOPAMINE HCl INJ., USP 400mg (40mg/mL) 10mL VIAL</li> <li>• Dopamine hydrochloride injection is a clear, practically colorless, sterile, pyrogen-free, aqueous solution of dopamine</li> </ul>	1

**DEMAND LIST FOR THE ESTABLISHMENT OF SKILL LABS AT IPMS**  
**KHYBER MEDICAL UNIVERSITY**

S/No.	Name of Item	Specification	Quantity
1.	CPR training mannequins (pediatric & Adult)	Simple lung bag insertion Secured face shields Head tilt & chin lift Realistic nose pinch Realistic chest compressions Compatible with AED Trainer Pads Lightweight & compact Visible chest rise Airways only open when head is properly hyper extended	2
2.	Sphygmomanometer	<ul style="list-style-type: none"> <li>• Specifications:                Diameter: 63mm                Linear scale: graduated from 0-300mmHg, easy-to-read, maximum error throughout range ±3mmHg.                Diaphragm membrane: can withstand overpressures of up to 600mmHg.                Connector to rubber tube: on the right-hand side, below the manometer.                Inflation bulb: to inflate or deflate the rubber-bag cuff.                Cuff: Washable at 30°C made of non-deformable material with Velcro fastening to enable a tight adjustment around the arm.                Inside the cuff is an inflatable airbag (bladder); it must be airtight. Size: 22x10cm.</li> </ul>	20

		<p>Composed of cloth containing an inflatable bag connected via a tube to a flexible bulb with valve &amp; integrated manometer needle gauge.</p> <p>Washable, one-size-fits-all adult-sized cloth cuff with Velcro fastening, reinforced at both ends.</p> <p>The bag is inflated by means of the flexible bulb connected via a tube.</p> <p>Tube length 50-80cm.</p> <p>Gauge graduated 0-300mmHg (min) in 2 (max) mmHg increments, with pressure release valve.</p> <p>+/- 3mm Hg accuracy per BS EN 1060-1 [5]</p> <p>Gauge body to allow recalibration of readings, yet in normal operation be sealed and secure</p> <p>Latex-free</p>	
3.	Stethoscopes	<p>Double cup, dual-use (adult &amp; pediatric auscultation) chest piece in stainless steel or chrome plated brass</p> <p>Adult diaphragm 43-47mm; pediatric diaphragm 28-36mm</p> <p>Y tube treated rubber or PVC with 8-11mm diameter</p> <p>Sensitivity from 3.2dB to 26dB in a range from 50 to 1000Hz for cardiology</p> <p>Sensitivity 8.1dB in a range from 600 Hz to 1,500Hz for pneumology</p> <p>Arms: stainless steel, or chrome brass</p> <p>Removable plastic earpieces.</p> <p>Latex-free</p>	20
4.	Foleys catheter		5
5.	Thermometer	<p>General features:</p> <p>Precise non-contact forehead temperature measurements</p> <p>Guaranteed for 40,000 measurements</p> <p>Selectable °Celsius or °Fahrenheit</p> <p>Forehead heat detection</p> <p>Selectable Body or Surface Modes</p> <p>Alarm settings</p> <p>Automatic memory holds 32 points of temperature data</p> <p>Automatic power off</p> <p>Automatic selection range</p> <p>Display resolution 0.1°C (0.1°F)</p> <p>Backlight LCD display</p> <p>Certifications: FDA, CE, FCC</p>	50
6.	Defibrillator	<p>General Description:</p> <p>Automated External Defibrillator (AED)</p>	1

		<p>For Adult And Pediatric Patients, Bi-Phasic, Compact &amp; Portable, Battery Powered, With Accessories Automatic ECG (VT/VF) detection through the pads.</p> <p>Defibrillator features: Bi-phasic energy waveform 3-levels sequence shock triggered by ECG detection, automatic energy adjustment Energy maximum output 150 J for adults, 70 J for children Energy output accuracy <math>\pm 15\%</math> Patient resistance 30 – 175 Ohm (minimum guaranteed range) load compensation, energy level automatic adjustment to the patient impedance. Charge time to maximum energy &lt; 10 s Built-in audible metronome for CPR</p>	
7.	Pulse oximeter	<p>General Specification: Battery life: lead acid battery; internal, rechargeable; fully charged in 6 hours. Approximately 4-5 hours of continuous use. Display &amp; indications: SpO<sub>2</sub>: 3-digit LED (light-emitting diodes) display, 10.9mm high. Pulse rate: 3-digit LED display, 10.9mm high. Pulse strength logarithmically scaled, 8 segments remain. Low-battery LED flashes when approximately 30min of battery life remains. Sensors: all reusable LED flashes to alert the operator to check the sensor placement. SpO<sub>2</sub>: Range 0-100% Accuracy: <math>\pm 2\%</math> at 70-100%, <math>\pm 3\%</math> at 50-69% Averaging: 4.8- or 16-pulse beat average. Pulse rate: Range 30-254bpm Accuracy: <math>\pm 2\%</math> at 30-254bpm Averaging 8 or 16-second average.</p> <p>Environmental specifications: Operating temperature 0 to 40°C. Storage Temperature: - 40 to 75°C. Relative humidity: 10-95%, storage (Non-condensing) 15-95%, operating. Unit presentation: 1 pulse oximeter with accessories: Apparatus; battery charger; patient</p>	1

		<p>cable; sensors child, adult &amp; Y universal; protective case; service and user's manual</p> <p>Physical specifications:      Light &amp; compact handheld design      High resolution, 2.4" color display      Rotating screen for maximum clarity      Visual &amp; sound alarms      IPX1 level protection against liquids      Uses AA size alkaline or rechargeable batteries      Supplied with clip &amp; case to attach to pillow</p> <p>Technical Specifications</p> <p>Items Supplied With:      2 x reusable adult size, clip-on SpO2 transducers (with cable and plug)      2 x reusable paediatric size, clip-on SpO2 transducers (with cable and plug)      2 x reusable neonatal size, wrap-around SpO2 transducers (with cable and plug)      10 x single-use neonatal size wrap-around SpO2 transducers (with cable and plug)      1 x spare rechargeable battery pack      1 x set of spare fuses      Instructions for assembly, use and maintenance in English, French and Spanish      Portable pulse-oximeter, with SpO2 &amp; HR detection      Suitable for adult, paediatric and neonatal patients      SpO2 range 0 – 100 %      resolution 1 %      accuracy (in the range 70 – 100 %) <math>\pm</math> 2 %      adult, <math>\pm</math> 3 %      paediatric/neonatal HR range: (minimum guaranteed) 25 – 250 bpm      Resolution 1 bpm      Accuracy <math>\pm</math> 3 bpm (non-motion) or <math>\pm</math> 2 %, whichever is greater      SpO2 waveform visualization      Signal quality visualization: TFT or OLED colour display 2.4 inches, visualizing all operating parameters &amp; alarms      Audio-visual alarms, adjustable, and silencing feature for SpO2 &amp; HR      Display reports alarms, system errors, sensor failure/disconnection &amp; battery status      Auto power-off function</p>	
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		<p>Robust design, suitable for use in demanding environment  Rechargeable battery, autonomy &gt; 16 hours of continuous use  Suitable to operate with 3 x AA (LR6) 1.5 V commercial disposable batteries  Supplied with battery charger/recharge station  Power requirements 220 V / 50 Hz (battery charger)  Power consumption 7.5 W  Patient Range: Adult, Pediatrics &amp; neonatal patients  Digital SpO2  Range: 0 - 100%  Resolution:1%  Accuracy:70% to 100%: ±2%  Refreshing rate: &lt; 13 seconds  Pitch Tone: Yes  Pulse Rate Range: 25 - 250 bpm  Resolution:1 bpm  Accuracy: ±2% or ±1 bpm, whichever is the greater  Display Type: 2.4" color display 320 x 240 pixels</p> <p>Parameter:  Digital SpO2 , PR, Pleth bar &amp; SpO2 waveform  Alarm: Audible alarm, audible button tone  Supports Pitch Tone &amp; multi-level volume  Alarm tones meet the requirement of IEC 60601-1-8</p> <p>Appearance:  Dimension: 123mm (H) x 58.5mm (W) x 28mm (D)  Weight: &lt; 200g  Estimated Lead Time: 12 weeks to FCA port/airport in Europe  Installation Requirements:  User Training Requirements:  Recommended  Technical Training Requirements:  Recommended</p> <p>Material Safety Data Sheet Information (Msds):  Li-Ion (Lithium-Ion) battery, UN 3480 – 3481 Class 9, Packing Group II, shipping name "Lithium Ion Batteries" for UN 3480 or "Lithium Ion Batteries packed with equipment" / "Lithium Ion Batteries contained in equipment" for UN 3481</p>	
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		Warranty: 12 months	
8.	Manual resuscitator set	<p><b>General Description:</b>  Resuscitator, hand-operated, adult, set.  Resuscitator to ventilate adult (body weight over 30kg),  Resuscitator operated by hand,  Ventilation with ambient air,  Resuscitator shall be easy, to disassemble &amp; reassemble, to clean &amp; disinfect, &amp; be autoclavable.  All parts must be manufactured from high-strength, long-life materials and require no special maintenance or storage conditions.</p> <p><b>Item supplied with:</b>  Resuscitator shall be supplied as a complete set with:  Compressible self-refilling ventilation bag,  Capacity: 1475-2000ml.  Non-rebreathing patient valve with or without pressure limiting valve,  patient connector outside/inside diameter (OD/ID): 22/15mm,  Inlet valve with nipple for O2 tubing  O2 reservoir bag complete, capacity: 2000-2600ml,  Masks, transparent, in 3 sizes:  1 mask, face shape type, size adult small/teenager  1 mask, face shape type, size adult medium  1 mask, face shape type, size adult large  Resuscitator supplied in a box as a complete set, with clear instructions / diagrams for use &amp; assembly in 3 languages (English, French, Spanish).</p> <p><b>Materials:</b>  Latex-free  Compressible self-refilling ventilation bag: silicone rubber,  Non-rebreathing patient valve with pressure limiting valve:  polycarbonate/polysulfone /silicone,  Inlet valve with nipple for O2 tubing:  polycarbonate/polysulfone  Oxygen reservoir bag: plastic  Masks: transparent silicone rubber.  Resuscitator must be in conformity with: European Medical Device Directive (MDD 93/42/EEC);</p> <p>General Description: Resuscitator, hand-</p>	2

		<p>operated, adult, set.</p> <p>Technical Specifications:</p> <p>Resuscitator to ventilate adult (body weight over 30kg),  Resuscitator operated by hand,  Ventilation with ambient air,  Resuscitator shall be easy, to disassemble and reassemble, to clean and disinfect, and be autoclavable.  All parts must be manufactured from high-strength, long-life materials and require no special maintenance or storage conditions.  Resuscitator shall be supplied as a complete set with:  Compressible self-refilling ventilation bag, capacity: 1475-2000ml  Non-rebreathing patient valve with or without pressure limiting valve, patient connector outside/inside diameter (OD/ID): 22/15mm  Inlet valve with nipple for O2 tubing</p> <p>Advantages:</p> <p>Fast inflation &amp; deflation of the air cushion  Good grip &amp; easy handling thanks to textured bellows  Comfortable one-hand operation  Integrated mounting ring- always &amp; everywhere ready for operation</p> <p>Specifications</p> <p>Material: PCV, latex free  Measures: 7.9 x 4.2 cm  Color: Blue  Weight: approx. 22.5 g</p> <p>Simple, fast &amp; convenient</p>	
9.	I/V cannula different gauge	<p>General features:</p> <p>Technical Specifications:</p> <p>External diameter expressed in Gauge and mm.  Length expressed in mm.  Colour code/external diameter: Visible at the base of cannula.</p> <p>Components:</p> <p>Protecting cap  Trocar  Cannula  Stopper  injection port Luer lock (all parts fit together to form a unit)</p> <p>Material:</p> <p>Trocar: stainless steel.</p>	30

		<p>Cannula: PTFE (Poly Tetra Fluoro Ethylene), FEP (Fluorinated Ethylene Propylene), PUR (Polyurethane).          Selected Size: 18G (1.30 x 45mm) green.          Disposable.          Sterile.          Initial sterilization method: Ethylene oxide gas.</p>	
10.	Nasogastric tube:	<p>General specifications:          Made of Soft, frosted and kink resistant PVC tubing.          Tube with radio-opaque line, marked at 50, 60 and 70 cm from the tip for accurate placement.          Four lateral eyes for aspiration and administration.          Manufactured from Non-toxic, Non-irritant medical grade PVC.          Smooth, low friction surface facilitates easy introduction          Disposable, Sterile, single use.</p>	10
11.	Facemask	<p>General specifications:          Transparent O2 meant to administer oxygen to patients.          Made from special non-toxic medical grade PVC.          Two holes to allow carbon dioxide exhaled by the patient to escape.          Nasal clip for secure fixation over the patient's nose.          Adjustable nose clip.          Elastic band for placement around the head.          Transparent tubing to connect the mask to the oxygen source.          Flexible plastic mask with clastic head stop</p>	7 pkt
12.	Nasal Prongs/ mask	<p>General Description: Synonym: Oxygen nasal cannula          Technical Specifications:          Nasal cannula (nasal prongs), device designed for easy administration of oxygen into the patient nose through two small prongs placed in the nostrils, providing comfort for the patient.          The device consists of soft twin prongs nasal tips to ensure equal oxygen flow to both.          Adjustable, smoothly finished nasal tips for maximum patient comfort.          Star lumen main tube to avoid accidental blockage.</p>	5

		<p>Over the Ear tubing adjustable Soft, funnel shaped connector to facilitate easy connection to oxygen source. Length of the oxygen tube: +/- 2 m. Soft funnel shaped connector to facilitate easy connection to oxygen source.</p> <p>Material: Preferably soft and kink resistant polyvinyl chloride (PVC). Size selected: Child Single use. Non-sterile.</p> <p>Packaging And Labelling: Primary packaging: unit of use One (1) Nasal prongs in a plastic bag. Over packaging: Packaging unit.</p> <p>This oxygen nasal prong are highly demanded due to its following features Anatomically curved to fit upper lip Curved Three-channel safety tubing Soft, light-weight, clear material Latex free</p>	
13.	Double lumen catheter	<p>General features: Clear lock connectors made of PVC, which comply, with international standard ISO 594. No colour in contact with blood. Clear non-sticking extension lines made of polyurethane. Catheter available with straight extension lines as well as with curved extension lines for optimal patient comfort if inserted into the jugular vein. Patented colour-coded safety-clamps eliminate the risk of mis-clamping. Catheter dimensions and priming volume for exact heparinization permanently imprinted on safety insert of clamp. Flat molded polyurethane bifurcation with a straight configuration avoiding dead space, flow turbulences and reduced venous pressure. Small rotatable suture ring for less skin irritation, fixation with minimum skin contact. Also easy repositioning of catheter without opening the sutures. Guide mark on the catheter shaft ensures correct insertion depth. Highly radiopaque catheter tubing made of polyurethane for easy location under X-ray.</p>	5

		<p>Thermo sensitive polyurethane shaft, which is stable during insertion, softens at body temperature for better patient comfort, reducing risk of vascular trauma.</p> <p>Three venous and five arterial side holes for continuous blood circulation.</p> <p>Sterilized by ethylene oxide gas.</p> <p>Polyurethane retains its physical properties after sterilization procedure</p>	
14.	Arterial cannula	<p>Features:</p> <p>An introducer with blunt tip configuration that allows safe insertion for additional arterial access sites such as the aorta, axillary and subclavian artery. A lock feature reduces push-back of the introducer during insertion</p> <p>Vent cap reduces back-bleed when no guidewire is used in the procedure</p> <p>Depth markings aid in placement</p> <p>Fr. sizes include 16, 18, 20 and 22</p>	1
15.	Portable suction machine	<p>Specifications</p> <p>Portable suction unit: size 38x17x28.5cm, weight 5.1kg</p> <p>Description (e.g.: model Vario A/C, manufacturer Medela)</p> <p>Technical specifications: Suction Machine with pump:</p> <p>Power supply: 230-240V/50Hz</p> <p>Vacuum capacity: 18 liters/min</p> <p>Maximum depression: -75kPa (-563mmHg)</p> <p>Vacuum is created by a plastic piston and cylinder system, with four vacuum-creating modules (QuatroFlex™ technology).</p> <p>The membrane vacuum regulator permits accurate vacuum settings.</p> <p>Double overflow-protection system (bottle and pump). Working temperature range: +5 to +40°C.</p> <p>Collector System:</p> <p>Bottle or jar: 1 liter, graduated PSU (polysulphone)</p> <p>Lid: Includes 1 overflow device, a 6x10mm diameter conical connector and 2 clips</p> <p>Connection tube: Silicone tubing, diameter 12x7mm, length 25cm, &amp; 2 connectors: 1 straight and 1 curved 90°.</p> <p>Suction tube: Reusable silicone tube: diameter 7x12mm, length 200mm.</p>	1

		<p>Single-use tube: diameter 7x12mm, length 180cm.  Filters: Bacterial filters, single-use.  Unit presentation: Delivered with the following components: 1 suction machine and pump 2 one-liter bottles or jars, with lids,  1 safety device  4 overflow spares  2 lid clip spares  2 suction tubes, non-sterile  2 suction tubes, sterile  1 spare fuse  1 user and maintenance manual, multilingual  Packaging: Box: 400x400x470mm</p> <p>The following must appear on the pump packaging:  Manufacturer's name and address.  Item designation, serial number, CE mark and reference number of notifying body.</p> <p>Outer packaging:  Manufacturer's name; product name and serial number.</p> <p>Other:  Complies with Medical Device Directive 93/42/EEC, class risk IIa or equivalent.  Manufacturer's quality management system complies with ISO 13485 Suction Machine</p> <p>Quick Details  Type: Vacuum Suction Devices  Brand Name: HIPROVE Model Number: DXW-A Place  Origin: Shandong, China (Mainland)  Auto Control: YES capacity of Rinse/ Suction  capacity of Rinse:250~350ml,  capacity of Suction: 300~450mlFlow rate:≥ 2L/min  Pressure setting:47~67KPaJar capacity:800ml(PC)*2Operating voltage:AC220V 50Hz  Warranty:1 Year  Name: Electric Abortion Suction  Unit Color: WHITE  Certificate: CE/ISO13485</p>	
16.	Infusion pump	<p>Specifications:  Alarms of portable injection Infusion Pump :  Alarms: Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, motor malfunction, system</p>	1

		<p>malfunction, reminder alarm</p> <p>Additional Features of portable injection Infusion Pump:</p> <p>Real-time infused volume / bolus rate / bolus volume / KVO rate, automatic power switching, mute key, purge, bolus, system memory, key locker, change flow rate without stopping the pump</p> <p>Specification of portable injection Infusion Pump :</p> <p>Model: SY-G076-2</p> <p>Pumping Mechanism: Curvilinear peristaltic IV Set Compatible with IV sets of any standard</p> <p>Flow Rate: 0.1-1500 ml/h (in 0.1 ml/h increments) Purge,</p> <p>Bolus:100-1500 ml/h (in 1 ml/h increments)</p> <p>Purge when pump stops, bolus when pump starts</p> <p>Bolus volume 1-20 ml (in 1 ml increments)</p> <p>Accuracy: ±3%</p> <p>VTBI: 1-9999 ml</p> <p>Alarms of portable injection Infusion Pump :</p> <p>Alarms: Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, reminder alarm</p> <p>Additional Features of portable injection Infusion Pump:</p> <p>Real-time infused volume / bolus rate / bolus volume / KVO rate, automatic power switching, mute key, purge, bolus, system memory, key locker, change flow rate without stopping the pump</p> <p>Occlusion Sensitivity High, medium, low Air-in-line Detection</p> <p>Ultrasonic detector</p> <p>Wireless management</p> <p>Optional Power Supply, AC 110/230 V (optional), 50-60 Hz, 20 VA</p> <p>Battery: 9.6±1.6 V, rechargeable</p> <p>Battery Life: 5 hours at 30 ml/h</p> <p>Working Temperature: 10-40°C</p> <p>Relative Humidity: 30-75%</p> <p>Atmospheric Pressure: 700-1060 hpa</p> <p>Size: 174*126*215 mm</p> <p>Weight: 2.5 kg</p> <p>Safety Classification: Class I, type CF</p> <p>Basic Info:</p> <p>Model NO. UniFusion VP50 Pro Infusion</p>	
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		<p>Pump  IV Set Brands Open System, 20 Universal Brands  Flow Rate Range: 0.1~1500ml/H, Min. Increase 0.01ml/H  Infusion Modes: 8 Infusion Modes  Sensors: 2 Pressure Sensors &amp; 2 Air Bubble Sensors  Drug Library: Editable, No Less Than 2000  History Records: No Less Than 5000  System Language: 12 Languages, Support Customize  Alarm System: visible &amp; Audible with Color, Text and Sign Indicators  Waterproof Level: IP34  Stack ability: Yes  Power Supply: AC, DC &amp; Battery  Shell Material: ABS + PC  Model: HK-100 Infusion Pump  Flow rate range: 0.1~1200 ml/h  Micro mode: 0.1-99.9 ml/hr in 0.1 ml increments  Infusion mode: rate mode, drip mode ( ml/h and drops/min can be switched)  Volume limit (VTBI): 0 ~ 9999 ml  Volume Infused (<math>\Sigma</math>): 0 ~36000 ml  Infusion accuracy: <math>\pm 5\%</math>  Applicable infusion set: Various brands of infusion set  KVO rate: 1 ~ 5 ml/h  Bolus rate: 300 ~ 1200 ml/h  Purge: 600 ml/h  Air bubble detection: Ultrasound sensor detection with four levels of air in line alarm adjustable  Occlusion pressure detection: 3 adjustable occlusion pressure settings: low, middle and high Alarms  Visual and audible alarms: Door open, Air-In-Line, Occlusion, Infusion completion, infusion near over, Start reminder function, Low Battery, Battery depleted, malfunction etc.  Power supply AC:100~240V,50/60Hz  DC:12V <math>\pm 1V</math>  Battery: Rechargeable lithium polymer battery,7.4V,1900mAh  Can operate about 6 hours at 25ml/h after fully charged.  Dimensions 145×100×120 mm (length× width× height)</p>	
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		Weight: ≤1.4kg	
17.	First Aid Box	<p>General description:          Compact kit contains the supplies you need to treat minor injuries          Plastic box is gas keted for weatherproof protection of contents          Convenient molded carry handle includes slots for wall mounting          Lightweight kit is ideal for use in the office, vehicle or on the job site          Labels have first aid instructions in English &amp; Spanish          Can be customized with your logo</p> <p>Includes          (1) Abdominal Pad (sterile) 5" x 9"          (20) Alcohol Prep Pads          (1) Eye Wash, 1oz.          (8) First Aid &amp; Burn Cream          (4) Gauze Pads 3" x 3" (sterile)          (4) Medical Examination Gloves          (1) Scissors, 4"          (1) Splinter Forceps, 3"          (16) Adhesive Strips, Plastic, 1" x 3" (sterile)          (1) Adhesive Tape ½"          (1) Triangular Bandage with 2 Safety Pins</p>	5
18.	Glucometer + strips	<p>Product description          Prodigy's Auto Code Blood Glucose Monitoring System consists of 100 test strips + a FREE Meter system.</p> <p>Features:          No Coding Required          High accuracy          Auto calibration circuitry inside each test strip          Easy to Use          Speaks in 4 Languages          Meter turns on by inserting the test strip          Option for verbal prompts guiding you through the testing process          Capillary Action automatically draws the blood sample into the test strip          Hear and see your test results in just 7 seconds          Approved for Alternate Site Testing (Forearm, Upper Arm, Thigh, Calf &amp; Palm)          USB Port for Uploading Test Results          Stores 450 test results          U.S. based Customer Support          Limited Lifetime Warranty.</p>	2

		<p>Contents:</p> <ul style="list-style-type: none"> <li>Prodigy Auto Code Meter</li> <li>Prodigy No Coding Blood Glucose Test Strips (2 x 50 Ct Vials)</li> <li>Prodigy Adjustable Depth Lancing Device</li> <li>Prodigy Twist Top Lancets (10ct), "AAA" Batteries (2)</li> <li>Carrying Case,</li> <li>Owner's Manual,</li> <li>Quick Reference Guide,</li> <li>Warranty Card and Log Book.</li> </ul> <p>About Prodigy Test Strips:</p> <ul style="list-style-type: none"> <li>Most affordable on the market.</li> <li>Prodigy test strips fit the Prodigy Auto Code, Prodigy Pocket and Prodigy Voice.</li> </ul> <p>Note:</p> <ul style="list-style-type: none"> <li>FDA requires blood glucose test strips to be 95% accurate, Prodigy test strips fall within acceptable range.</li> </ul> <p>Product details</p> <ul style="list-style-type: none"> <li>Package Dimensions : 6.18 x 5.04 x 2.44 inches; 9.14 Ounces</li> <li>Batteries: 2 AAA batteries required. (included)</li> <li>Date First Available : May 20, 2019</li> <li>Manufacturer : Prodigy</li> <li>ASIN : B07S2T64BL</li> <li>Best Sellers Rank: #16,272 in Health &amp; Household (See Top 100 in Health &amp; Household) #16 in Blood Glucose Monitors</li> </ul> <p>Technical features:</p> <ul style="list-style-type: none"> <li>can function within <math>\pm 10\%</math>, or <math>\pm 10</math> mg/dl of laboratory values over 95% of the time, which is far beyond ISO 15197:2013 passing standard (within <math>\pm 15\%</math> or <math>\pm 15</math> mg/dl).</li> <li>The manufacturer is certified with CE mark, GMP, ISO 13485:2016, and ISO 15197:2013 without having any recall on the market in the past 14 years.</li> </ul>	
19.	Tracheostomy Tube + Metallic tube	<p>Features:</p> <ul style="list-style-type: none"> <li>Clinician-inspired solutions that meet patient-specific needs</li> </ul> <p>Non-DEHP material:</p> <ul style="list-style-type: none"> <li>tracheostomy solutions meet the latest safety standards*, offering tubes that are manufactured with a non-DEHP plasticizer material</li> </ul> <p>Soft, clear neck flange:</p> <ul style="list-style-type: none"> <li>tube's transparent flange allows for</li> </ul>	2

		<p>enhanced visualization of the underlying skin and stoma site.</p> <p>Varying flange angles: tracheostomy solutions are manufactured with varying flange angles to help provide a better fit for infants and children as they grow.</p> <p>Comfort recess: tracheostomy tubes include a comfort recess designed to help reduce pressure on the patient's skin.</p> <p>Tape tie recess The flange on a Shiley™ tracheostomy tube includes a recess to make insertion of a tape tie or tracheostomy tube holder simple and to reduce contact with the patient's skin</p>	
20.	<p><b>ECHO (2D,CW/PW and Color Doppler with Adult probe)</b></p> <p>Color Doppler Echo system adopts the advanced ultrasonic Doppler technologies, including the Fully Digital Super-wide Band Beam Former, Digital Dynamic Focusing, Variable Aperture and Dynamic Tracing. Wide Band Dynamic Range, Multi-Beam Parallel Processing and ergonomic design. <b>Must comply with FDA and CE.</b></p>	<p><b><u>Dedicated Echocardiography Machine:</u></b> 1 million processing/effective channels or more. Mobile trolley mounted system. 3 Active probe or more ports</p> <p><b><u>DISPLAY</u></b> High resolution non-interlaced flicker free monitor having minimal display size 19-21 inches with articulating arm and at least 10" touch screen</p> <p><b><u>OPERATING MODES (optional)</u></b> 2-D &amp; M-Modes, PW, HPRF, CW, Color Doppler, power Doppler, real time Duplex mode Triplex mode, Auto EF, Tissue Doppler and stress echo.</p> <p><b><u>FRAME RATE:</u></b> Minimum 1000 frames per second in 2-D B-mode or more.</p> <p><b><u>IMAGING VIEWER DEPTH:</u></b> 30 cm or more</p> <p><b><u>PROBES</u></b></p> <ul style="list-style-type: none"> <li>• Multi frequency matrix sector probe to minimum cover 1.5 to 4.5 MHZ range for adults.</li> <li>• AFI, Strain, Strain Rate, Quantification tools and other standard software <b>must be quoted separately</b></li> </ul> <p>Digital B/W thermal printer Online (pure sine wave) UPS</p> <p><b><u>WARRANTY:</u></b> 03 years warranty including parts.</p>	1
21.	<p><b>ETT MACHINE</b> <b>Must comply with FDA and CE.</b></p>	<p><b>DESCRIPTION</b> - ST Measurement, Arrhythmia, 6/12 lead Exercise Test</p>	1

		<ul style="list-style-type: none"> <li>- Recording of either 3, 6 or 12 leads of ECG data</li> <li>- 12 Lead ST measurement</li> <li>- Automatic or manual determination of the J+x point</li> <li>- Presentation of the sample cardiac cycles</li> <li>- Presentation of the baseline ST complex and of the current ST complex for direct comparison</li> <li>- Arrhythmia analysis and presentation during exercise test</li> <li>- Stage report in 12 lead exercise tests</li> <li>- Manual editing of the E, K and post-J point</li> <li>- Direct cross-referencing from the trends to the full disclosure ECG (final report)</li> <li>- 15 lead exercise test</li> <li>- In test tabular summary during exercise tests</li> <li>- In test trends during exercise tests</li> </ul> <p>Treadmill( Medical Grade)</p> <p>Dual comparative speed sensors</p> <ul style="list-style-type: none"> <li>• Auto runaway shutdown</li> <li>• Auto communication loss shutdown</li> <li>• Manual twist lock Emergency Stop button</li> <li>• Manual Stop Tether</li> <li>• Braking system for safe patient off-loading</li> <li>• Fire-rated motor pan hood enclosure • Patient weight capacity 500 lb., 227 kg</li> <li>• Heavy-duty 6-peak hp. brushless, DC servo motor</li> <li>• 0.1 to 15.0 mph, 0.2 to 24.0 km/h, self-calibrating and adjustable in 0.1 mph 0.1 km/h increments.</li> </ul> <p>Incline Range: 0 to 25%, 0.5% incremental movements, self-calibrating.</p> <ul style="list-style-type: none"> <li>• 22 in. x 63 in., 56 cm x 160 cm</li> <li>• Cushioned running deck absorbs shock of foot falls</li> <li>• Self-lubricated and reversible running deck</li> <li>• Step-up, low profile deck height (7 in., 18 cm from floor)</li> </ul> <p>Computer system:  Branded computer system compatible with Unit.  19 inch TFT monitor with resolution of 1024x1024.  Alphanumeric key board and mouse.  <b>WARRANTY:</b> 03 years warranty including parts.</p>	
22.	<b>ECG Machine</b>	<p>Microprocessor augmented automatic electrocardiograph; 10-leadwire, 12-lead simultaneous acquisition with programmable lead configuration.</p> <ul style="list-style-type: none"> <li>• Display Display type 4" color TFT Display resolution 800 x 480 pixels Display data Heart rate, patient ID, clock, battery power</li> </ul>	1

		<p>indicator, waveforms, lead labels, speed, gain and filter settings, warning messages, prompts, and help messages 12-lead display and 3 channel simultaneous printout, Writer technology: Thermal dot array</p> <p><b>Electrical:</b></p> <ul style="list-style-type: none"> <li>• Power supply: External AC/DC adaptor or battery operation</li> <li>• External Adaptor Specifications</li> <li>• Input voltage: 100 to 240 VAC ±10%</li> <li>• Input current: Maximum 0.6A @ 90 VAC, 0.3A @ 240 VAC</li> <li>• Input frequency: 50 to 60 Hz ± 3Hz</li> <li>• Output voltage: 12V ± 5%</li> <li>• Automatic ECG interpretation, analysis and reporting</li> <li>• The age group for infant patients starting from less than one day and the algorithm should consider the pediatric age group precisely.</li> <li>• Interpretation program should provide a simultaneous leads/beat alignment/measure across all leads</li> <li>• Should have visual alarm for open lead and wrong lead placement</li> </ul> <p><b>Battery:</b></p> <ul style="list-style-type: none"> <li>• Battery type: Replaceable and rechargeable, Lithium Ion</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>• Lead wire and electrode adaptor set 10-lead patient Cable</li> <li>• Electrodes</li> <li>• power Cord</li> <li>• Roll paper</li> </ul> <p>Should have safety certificate from a competent authority CE issued by a notified body registered in the European commission and FDA (US)(FDA &amp; CE Both are mandatory)</p>	
23.	Autoclave	<p>Technical Specifications  Chamber Dimensions: 9" x 18" (230 x 470 mm)  Approx  Chamber Volume: 5 gal (19 L) Approx  Overall Dimensions DxWxH: 21.5" x 20" x 14.4" (545 x 510 x 365 mm)  Standard Cassettes Capacity: 2 full and 2 half.  Tray Dimensions DxWxH: 16.3" x 6.7" x 0.8" (415 x 170 x 20 mm)  No. of Trays: 3  Standard Unwrapped Cycle Time: 27 min. cold, 13 min. hot  Voltage: 120v</p>	1

		Frequency: 50/60 MHz Power: 1400W	
24.	Ultrasonic bath digital	--	2
25.	Orthopedic set	--	1
26.	General surgery set	--	1
27.	Drains and Tubes set	--	1
28.	FNAC needle	Standard Disposables	5
29.	Illumination box	Led Type 2X2 Feet 4X4 Feet	1
30.	Surgical trolley(double shelf)	Stainless Steel Hospital type	1
31.	Surgical sheet	Standard Medical Grade	5
32.	Surgical gowns	Standard quality Small, Medium and Large Sizes	10
33.	Surgical gloves	Powder free, 6".6.5".7".7.5"	5000
34.	Operation theater Kit	Standard	2
35.	Surgical diathermy (Monopolar, bipolar leads)	<p><b>DIATHERMY</b></p> <p>Microprocessor based electrosurgical unit for normal and under water cutting usages. Automatic self-test function. Operation in Radio Frequency range. Controls for cutting, mono/bipolar coagulation, spray and blends. Mono polar cutting power of 300 watts. Mono polar coagulation power of 100 Watts. Bipolar coagulation power of 50 Watts. Spray coagulation mode. Floating output with bipolar coagulation. Different gradations of blending of cutting and coagulation power. Digital display of all controls and set values of cutting and coagulation power. Audio and visual alarms on fault occurrence. Earth free patient circuit. Reusable Silicon patient plate. Double paddle foot switch, explosion proof. Monopolar handle with cord. Bipolar forceps with cord. Trolley with twoshelveshaving125mm anti static lockable wheels. 220V,50 Hz. Accessories/electrodes: Attachment for Monopolar Coagulation (one set). Handle with 2 Activating Buttons</p>	1

		<p>Knife Electrode, 25mm Long Surgical Electrode, Ball-Shaped, 4mmDia Wire Loop Electrode, 10mm Dia Needle Electrode, Str. Isolated, 125 mm Ball Electrode,5mmDia Needle Electrode, 100mm Bipol. Cable for Forceps with Flat Socket Bipolar Coagulation Forceps, 220mm Optional: Dummy patient for Teaching Purpose of Diathermy/Cautery Machine</p>	
36.	Operation theater table	<ul style="list-style-type: none"> <li>• Pedestal Type Major Operating Table With 5 Sections.</li> <li>• Table Is Mounted On A Solid Base With Casters And Locks.</li> <li>• Length Approx 200 cm</li> <li>• Width Approx 50 cm</li> <li>• Height 70 to 100cm</li> <li>• Tilt L/R 20 Deg</li> <li>• Trendelenberg / Reverse Trendelenberg 12 / 25 deg</li> <li>• Table Top Surface Is Fabricated From Radio-Translucent, Conductive Panels And The Larger Table Sections Equipped With Radiographic Cassette Tunnels.</li> <li>• Table should Includes Electro-Hydraulic Controls, Side Rail Locking System, Kidney Elevator, Grounding Receptacle And Dual Arm Support Section.</li> <li>• Designed For Use In The Operating Room In A Variety Of Surgical Procedures.</li> <li>• Complete with Pads and Clamps and Standard Accessories</li> <li>• Optional Accessories</li> <li>• Kidney Bridge, Orthopaedic Attachment, Eye, neuro Head Section, Urology attachments, Gynae attachments</li> </ul>	1
37.	Pnematic Tourniquet( manual, digital)	<ul style="list-style-type: none"> <li>• Adult size pneumatic double cough</li> <li>• Provision of esmach elastic bandage</li> <li>• Reliable pressure manometer</li> </ul> <p>Provision of extra pneumatic cuff</p>	5
38.	Sterilize surgical swab	Standard Alcoholic Swab	40
39.	Autoclave tape	Standard type	50
40.	Urinary catheter	Standard Medical Grade	5
41.	Set of venous cannulae	Standard Medical Grade	1
42.	AV graft sample	Standard Medical Grade	1

43.	Skoob for cervical and spinal injury	Standard Medical Grade	2
44.	<p>Peritoneal catheterization</p> <p><b>Component's specification</b></p> <p>Sterile Disposable Catheter peritoneal dialysis kit</p> <p>Peritoneal transfer set</p> <p>Connector for peritoneal transfer set</p>	<p>Properties: Medical Materials &amp; Accessories Type: Dressings and Care For Materials Product name: Catheter peritoneal dialysis kit Brand: Peritoneal Dialysis on&amp;off Pack Feature: Disposable Sterilization: EO Gas</p> <p>Properties: Injection &amp; Puncture Instrument Model Number: TK-BT-05, TK-BT-05 Materials: PVC Type: General Medical Supplies Big chamber: Yes Sterilization: ETO</p> <p>Properties: Medical Polymer Materials &amp; Products Type: Pipe, Drainage Tubes &amp; Containers Material: silicone Size: 12Fr-24Fr Sterilization method: Eo gas Cuff volume: 5-15ml, 30ml Feature: Color coded connector Length: 310mm, 400mm</p>	1
45.	Blood tubing circuit	Standard	1
46.	<p>Dialysis machine with circuit</p> <p><b>Circuit specification</b></p> <p>1- Double lumen catheter kit for Dialysis</p> <p>Permanent catheter kit for Dialysis</p>	<ul style="list-style-type: none"> <li>• Programmable Ultrafiltration rates from 200 to 4000 ml /hr</li> <li>• Variable Temperature adjustment from 35°C to 39°C</li> <li>• Fully automatic thermo-chemical disinfection at 80°C or' above temperature</li> <li>• Effective cleaning of dialysate pickup tubing during heat disinfection program</li> <li>• Emptying program after the dialysis session to empty the dialyser</li> <li>• Variable sodium adjustment between 125 to 150 mmol/l</li> <li>• Variable bicarbonate concentration/ Proportioning</li> <li>• Multiple profiles of Sodium (Na) and Ultrafiltration (UF)</li> <li>• Conductivity display range from 13.0 to 15.5 mS/cm with the step of 0.1 mS/cm</li> <li>• Built-In module for automatic filling, mixing and emptying of dry bicarbonate concentrate</li> <li>• Endotoxin retention filter for ultrapure dialysate</li> <li>• Automatic emptying of used and filling of new endotoxin filter</li> <li>• Automatic blood pressure management (BPM),</li> </ul>	1

	<p>Blood Tube line for Hemodialysis machine</p> <p>Dialyzer</p> <p>AVF needle</p>	<p>display of all measurements in a treatment through text and graphic for analysis, Automatic programming for blood pressure measurement at different intervals during a treatment.</p> <ul style="list-style-type: none"> <li>• Built-in battery backup with 15 minutes or' more</li> <li>• The online monitoring of dialysis dose (online KT/V monitoring) during the dialysis session and time display to achieve the set KT/V goal. Online KT/V measurement display available on text and graphs</li> <li>• Display of plasma sodium concentration</li> </ul> <p>Properties: Injection &amp; Puncture Instrument kit: Central Venous Catheter Kit  type: Central Venous Catheter Kit  name: Central Venous Catheter Kit  catheter: Central Venous Catheter  Medical Polymer Materials &amp; Products  Type: dialysis tube  Name: blood dialysis tube  lumen: double or triple  Certificate: ISO CE FDA  type: long term and short term  Color: Red and blue  Properties: Medical Polymer Materials &amp; Products  Type: General Medical Supplies  Brand  Model Number:20ml/30ml/50ml  Product Name: Blood Tubing Set For Single Use  Available in sizes:20ml/30ml/50ml  Material 1: PVC or DEHP FREE PVC  Material 2: TPE  Service: OEM  Sterilization: EO  Properties: Medical Polymer Materials &amp; Products  Type: Transfusion Apparatus  Model Number:  1.2,1.4,1.6,1.8, 1.2,1.4,1.6,1.8  Properties: Medical Polymer Materials &amp; Products  Type: Transfusion Apparatus  Brand  Model Number: AVF15-17G, 15G/16G/17G  Color: Blue,Green &amp;Red</p>	
47.	Laryngoscope(straight blade)	<p>Handles available with 3.5 V or 2.5 V LED or xenon lamps for bright, white light  light performance of LED up to 22,000 Lux  light performance of Xenon bulb up to 12,000</p>	4

		<p>Lux High quality fibre bundles Macintosh F.O. and Miller stainless F.O. blades with removable light conductor Long service life with autoclaving cycles of 134° C for 5 minutes. Designed for excellent visibility and to reduce maintenance costs Large range of handles for alkaline batteries or rechargeable Li-ion batteries type AA or type C Desk-top charger ri-charger L for 2 handles size AA or C Plug-in charger (phone-style) for single C size handle All blades are compatible with handles complying with ISO 7376 Hard and soft cases are available for individual configurations of up to five blades and one handle</p>	
48.	Laryngoscopes(curve blade)	<p>2.7 V vacuum light source, removable at the distal end of the blades Full range of Macintosh and Miller blades Sterilisation by autoclave (134° C / 273° F for 5 minutes) Almost unlimited life-span of stainless steel blades Designed for simple intubation and good visibility Large range of handles for alkaline batteries or rechargeable NiMH batteries type AA or type C Desk-top charger ri-charger for 2 handles size AA or C Hard and soft cases are available for individual configurations of up to five blades and one handle.</p>	4
49.	McCoy laryngoscope	<p>2.7 V vacuum light source, removable at the distal end of the blades Full range of Macintosh and Miller blades Sterilisation by autoclave (134° C / 273° F for 5 minutes) Almost unlimited life-span of stainless steel blades Designed for simple intubation and good visibility Large range of handles for alkaline batteries or rechargeable NiMH batteries type AA or type C Desk-top charger ri-charger for 2 handles size AA or C Hard and soft cases are available for individual configurations of up to five blades and one handle.</p>	4
50.	Endotracheal tube	Disposable with 15 mm connecteor latex free	20
51.	Combi tube	Disposable with 15 mm connecteor latex free roll	10

		of 41 fr	
52.	Lyrengal mask air way(LMA) different size	standard LMW dispoasble different size 1 ,2,3,4,and 5	5
53.	Spinal anesthesia needle(different size)	<p>This short spine bevelled tip, used around the spine, is designed to separate the dural fibres rather than cutting them, thus reducing damage and the loss of cerebrospinal fluid.</p> <ul style="list-style-type: none"> <li>- The stylet is the same length as the tube; it fits properly into the needle lumen and indicates the bevel position of the needle.</li> <li>- The base allows the needle to be connected to a syringe and is formed by a conical female Luer connection. Colour-coding permits easy identification of the needle's external diameter. Spinal needles, identified according to their gauge (18G, 9G, etc), have 2 measurements: the first indicates the external diameter and the second the length of the cannula (both in mm). Size: 22G: 0.7 x 75mm, black 25G: 0.5 x 75mm, orange</li> </ul>	10
54.	Different circuits	<p>All adult coaxial circuits' tubes are TPE and fittings are polypropylene</p> <ul style="list-style-type: none"> <li>- All adult expandable circuits' tubes and fittings are polypropylene</li> <li>- The pediatric coaxial circuits' tubes are TPE and fittings are polypropylene</li> <li>- The circuit extensions' tubes and fittings are polypropylene</li> <li>- All sample lines' tubes are TPE and fittings are polypropylene</li> <li>- All adult and pediatric cuff connectors are 22mm female</li> <li>- All breathing bags are latex-free rubber</li> <li>- All masks are DEHP-free PVC</li> </ul> <p>Weight Range</p> <ul style="list-style-type: none"> <li>- All adult circuits are for patients who are more than 40Kg (88 lbs.)</li> <li>- The pediatric circuit is for patients who are more than 5Kg and less than or equal to 40Kg (11 to 88 lbs.)</li> </ul>	5
55.	Magill forceps	STERILE MAGILL FORCEPS - 25 cm for adults	5
56.	Ultrasound machine	<p>Display size: Minimum 19 inches/flat/TFT/ and swive type with articulating arm</p> <p>Control panel: alphanumeric keyboard with built in trackball and 10.4" touch screen functions through dedicated keys indicator light identified keys. User selectable image magnification control two active probe connectors</p> <p>Standers transducers: multi frequency convex probe 2.5-5MHz, linear probe 7.5-12MHz</p>	1

		<p>Caliper/measurements vascular, small parts with all required software's Operating modes- 2D mode color M –mode, pulse Doppler, directional Doppler, power Doppler , Frames rate minimum frame rate 700 FPS Storage device : build in cd/dvd, HDD 500 GB and USB drive System dynamic range: minimum 210 dB Communication software- system should capable for DICOM 3 communication software for : image storage , printer. Patient couch for ultrasound machine Trolley for ultrasound machine Accessories: UPS: 2kVA, high density roll of paper, Gel 20 uters</p>	
57.	Micro Pipette	<p>Volume range 0.2ul-1000ul (Full set) Automated, autoclavable, one finger control for dispensing/blow-out functions pipette adapters for speedy and fatigue free operation</p>	3
58.	Microcentrifuge (Refrigerated) for RNA, Proteins, Enzymes extractions	<p>Refrigerated -11°C to 40°C internal temperature With rotor capacity 0.2ml-2.2ml tubes 30 tubes spaces maximum (30x1.5/2.0ml rotor) Rotor speed 14,000-18,000 rpm Power supply 220V, 50/60 Hz</p>	1
59.	R/O Water plant	Standard	1
60.	CO <sub>2</sub> incubator	<p>Partitioned inner glass door and divided shelves, O<sub>2</sub> control Ethernet interface Connection kit for CO<sub>2</sub> / O<sub>2</sub> / N<sub>2</sub> Screen controller for temperature and CO<sub>2</sub> concentration, User friendly LCD screen and operations Hot air sterilization for cleaning and disinfection Stainless steel inner chamber Volume 50 liters Perforated stainless steel shelves</p>	1
61.	Microtome	<p>Specimen Feed: approx. 24 mm ±2 mm Vertical Stroke: 70 mm ±1 mm Large Standard Clamp: 55 x 50 x 30 mm Super Cassette Clamp: 68 x 48 x 15 mm SPECIMEN RETRACTION In Manual Sectioning Mode: Approx. 40 μm (can be turned off) In Motorized Sectioning Mode: N/A SPECIMEN ORIENTATION</p>	1

		<p>Horizontal: <math>\pm 8^\circ</math>  Vertical: <math>\pm 8^\circ</math>  SECTION THICKNESS SETTINGS  Range: 1 - 60 <math>\mu\text{m}</math>  Setting Values: 1 - 10 <math>\mu\text{m}</math> (in 1 <math>\mu\text{m}</math> increments)  10 - 20 <math>\mu\text{m}</math> (in 2 <math>\mu\text{m}</math> increments)  20 - 60 <math>\mu\text{m}</math> (in 5 <math>\mu\text{m}</math> increments)  TRIMMING SECTION THICKNESS SETTINGS:  Range: 10 <math>\mu\text{m}</math>, 30 <math>\mu\text{m}</math></p>	
62.	Microscope binocular	<p>U shaped stand with plastic hand rest  Binocular tube, 45° inclined, 360° rotatable, IPD 54-74 mm  Wide Field eyepiece WF 10x/18mm paired with foldable eye guards  Quadruple Reverse angle nosepiece (Ball bearing type), with rubber grip  RP series DIN Semi Plan Achromatic objectives 4x, 10x, 40x (spring), 100x (spring, Oil)  Mechanical stage rectangular 150 x 135mm double plate with cross travel  76 x 50mm on ball bearing with co-axial control  Sub-stage ABBE condenser NA 1.25 with aspheric lens. Iris diaphragm and special day light blue filter. Co-axial coarse and fine focusing mechanism with tension control  Fine focus graduation 2.0<math>\mu</math>  Illumination system 12V-20W Halogen with intensity control.  Universal power supply (110V-240V) UL, CE approved  Packed in molded Styrofoam box, with operation manual, allen wrench, dust cover, cleaning cloth, power cord and fuse 2.5A 2 nos</p>	15
63.	Multi Head Microscope with LCD Monitor	<p>UIS-2 infinity corrected optical system  Wide field FN22 Observation tube  Build in swing out condenser, Low fixed stage, Focusing via nose piece  High sensitivity fine focus knob with adjustment gradations of 1<math>\mu\text{m}</math>  6V30W illumination  Ceramic coated coaxial stage with left- or right-hand low drive control  Plan achromatic objective (FN20) antifungal treated (4x, 10x20x, 40x, 100x)  Dual hand side coarse and fine focusing knobs, Built in transmitted Koehler illumination  Light intensity management system  Fixed reverse quintuple nose piece with coded function  LCD screen</p>	01

64.	Spectrophotometer semi automated	<p><b>LIGHT SOURCE</b> • Quartz-halogen lamp 12V-20W.  <b>WAVELENGTH RANGE</b> • Automatic by 12 positions filter wheel; • 6 standard interference filters: 340, 405, 505, 546, 578 and 620 nm; • 6 positions for optional filters.  <b>PHOTOMETRIC RANGE</b> • -0.1 to 2.3 Absorbance.  <b>DETECTOR</b> • Photo diode (320-1000 nm).  <b>BLANKING</b> • Automatic zero setting.  <b>OPERATOR INTERFACE</b> • Membrane keyboard, for direct function and alpha-numeric entry; • Optional external keyboard; • High contrast graphical LCD display; • Real time clock, 24 hours system.  <b>MEASUREMENT PROCEDURES</b> • Kinetic, with linearity check: • Kinetic, with linearity check and sample slope blank; • Two point kinetic, with or without reagent blank; • End point, with or without reagent blank; • Biochromatic end point, with or without reagent blank; • End point, with sample blank and with or without reagent blank. Delivering trouble free results  <b>MULTIPLE TESTING</b> • Up to nine replicates; • Means, SD and CV.  <b>MEASURING TIME</b> • Programmable, 2 to 998 seconds for kinetic and two point type of tests; • For end point fixed at 2 seconds.  <b>FLOWCELL</b> • Metal, with quartz windows, measuring volume 30 µl.  <b>TEMPERATURE CONTROL</b> • By means of Peltier elements; • Fixed temperature at 37°C.  <b>DELAY TIME</b> • Programmable, 0 to 999 seconds</p>	2
65.	Electrical Digital balance	<p><b>Accuracy:</b> 0.001 mg  <b>Stabilization Time:</b> 3.5 sec  <b>Readability:</b> 0.001 mg  <b>Minimum Load:</b> 01 mg  <b>Plate Diameter:</b> 85 mm  <b>Sensor Accuracy:</b> 0.0001 mg  <b>Stabilization Time:</b> 3.5 sec  <b>Readability:</b> 0.01 mg  <b>Maximum Load Capacity:</b> 220 g</p>	1
66.	ELISA strip reader	<p>Human Machine Interface: TOUCH PANEL / KEYPAD  Linear measurement range: 0.000 to 3.000 Absorbance Units (A)  Photometric Accuracy  ± 2% or 0.007 whichever is higher, from 0 to 1.5 A  ± 3% from 1.5 A to 3.0 A  Drift: &lt;0.005 A/hr  Photometric Linearity: 2.5 A  Optical measurement: 8 Channel  <b>Filters</b></p>	1

		Type of filter: Wave Length Half Bandwidth: Selection Narrow band Interference: 405nm, 450nm, 492nm, 630nm, 560nm 10nm ± 2nm Automatic by Stepper Motor Absorbance: Single Standard Connectivity / RS232 Serial Port / USB 9600 baud, 8 data, 1 stop, no parity bits / USB Power Voltage 75 Watts 115-230 Volt ± 10%, 50/60 hz. Operating Conditions Size (cm) 36 x 36 x 22 (lxbxh) Weight (Approx.): 10 Kgs	
67.	Lab Refrigerator	Alarms (min/max temperature), broken sensor, open door Capacity: Refrigerator: 500 lts Temperature Refrigerator 0-10°C Freezer: approx. 180 lt Temperature freezer: -10 to -20 °C	2
68.	Hot Air Oven	Technical Specification: Dimension (w x d x h) internal (mm): 370 x 350 x 420 Capacity: 50 Lit. Heater: 1 kW Temp. Range: Ambient +5 °C ~ 230 °C Temp. Accuracy: ±0.3 °C Temp. Uniformity: ±2% of the reached temp. Temp. Sensor: PT100 Controller: Digital fuzzy controller with jog-shuttle switch (turn + push) Display: Digital LCD display with back light function Timer: 99hr 59min, (delay & continuous function included) Material Internal: stainless steel Material External: Powder coated steel Material insulation: Glass wool Shelves: 2 Chrome coated steel shelved of adjustable position Door gasket: High temperature grade foamed Power Supply: 220 volt, 50/60 Hz	1
69.	Electronic Ph meter	Automated pH calibration Buffer values memorization facilities for a wide range of 4, 6, 7, 9, 11 pH range -2.00 to 16.00 Exchangeable readability 0.001 0.01 0.1 Temperature range up to 120°C	2

70.	Safety cabinet class-II (6 feet)	HEPA/ULPA filtration System Slide type door Electric Supply: 220V, 50/60Hz Internal Work Area Space: 6-9 Sq. ft Double Blower System Airflow Velocity: Inflow 1.10 ms <sup>-1</sup> Downflow: 0.41 ms <sup>-1</sup>	1
71.	Flam photometer	Ion selective, flow-through, glass capillary electrodes for - Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>++</sup> , Li <sup>+</sup> Reference System- 25 reagent slots with a maximum of 18 on-board assays- open liquid junction, flow-through electrode Whole Blood, Serum, Plasma, QC-Material for Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>2+</sup> , Li <sup>+</sup>	1
72.	Gradient PCR Thermocycler	Temperature range: 4 to 99deg C. Digital Display. Printer interface: RS232. Program storage: 99. Gradient PCR thermal cycler. Hot lid: adjustable 100deg C to 110deg C. Power: 220Vac. 50/60Hz. 0.2-0.5ml tubes 48-96 wells Single to multiple blocks per unit or Temperature gradient facilities Lid temperature 99-103°C Maximum heating/cooling 4-5.0°C/sec sample storage at 4°C Fast cycle completion Cycle restoration at accidental failure of power supply	1
73.	Gel Documentation assembly	Transilluminators 8W, Ultraviolet light (300-350nm) for ethidium bromide capture and visible light lamps for normal photography Software with editable capture properties Control unit LCD camera manual zoom Ethidium bromide filters, camera hood User friendly installation and editing with USB print facility	1
74.	Vertex shaker	Variable speed up to 3000rpm. Automatic touch starts and stop for one handed operation. Operation mode: Continuous/Touch. With rubber feed to prevent vibration and creeping. Supplied with: 75mm diameter platform and a test tube cup head as standard.	1
75.	Horizontal agarose gel assembly	Gel dimensions 8.1x7.1-11x14cm Comb thickness 1.0-2.0mm Two combs capacity, 12-16 wells in each comb	2

		Platinum wire electrodes 50-200 ml gel volume	
76.	Water ultra-filtration unit	Modified PAN Hollow Fibre Cartridges Rotary Air Blower Feed and Back Flush with VFD Control Panel with PLC Manual & Automatic Control Valves Feed, Air and Back Flush Pressure Gauges Product Water Rota Meter Permeate Conductivity Meter Coated Carbon or Stainless Steel Chemical Enhanced Back Flush and CIP Containerized or Skid Mounted	1
77.	Water bath	Dimension (w x d x h) bath (mm): 500 x 295 x 150 Heater: 2 kW Capacity: 22 Lit. Temp. Range: Ambient $\pm 5$ OC ~ 100 OC Temp. Accuracy: $\pm 0.1$ OC Temp. Uniformity: $\pm 0.2$ OC Temp. Sensor: PT100 Pump: 14 Lit /min (internal/external) Controller: Digital fuzzy controller with jog-shuttle switch (Turn + Push) Display: Digital LCD display (Temp. & Timer) Material external: Stainless steel (#304) Material Internal: Powder coated steel Lid: Including stainless steel lid cover Power Supply: 220VAC. 50/60Hz	2
78.	Contrast media for X-Ray ,CT,MRI, Angiography	1. ULTRAVIST, OMNIPAQUE, IOPAMIRO 370mg/ dl. 350mg/dl 2. Gastrografin, urografine 50 ml 3. Gadolinium omni scan 20 ml	1
79.	Radiology charts ( X-Ray ,CT,MRI and other modalities)		5
80.	Illuminators for ( X-Ray ,CT,MRI films)	Illuminator Mutli Film Holder For Ct and MRI	1
81.	Post image films ( X-Ray ,CT,MRI)		1
82.	Double lumen tube	disposable with 2two 15 mm connector different size 3 to 7.5	10
83.	Gram staining kit		1
84.	ZN staining		1
85.	Ethanol	Analytical grade	1lit
86.	Methanol	Analytical grade	1 lit
87.	Prothrombin reagent		1 kit
88.	APTT reagents		1kit

89.	DNA extraction solution		2 kit
90.	DNA purification solution		02 kit
91.	PCR reagents 1- Taq polymerase 2- DNTPs		1000 RXN
92.	Blood group reagents + DNAs agar		3 kits + 500gm
93.	Antibodies screening		1 kit
94.	Culture Media 1- Lourie broth 2- MH broth 3- Semi- automated blood culture bottle		500gm 500gm 50 bottles
95.	Widal reagent RA Factor CRP reagent		1 set each
96.	RPR reagent VDRL TPHA		1 set each
97.	ASO reagent		3 kit
98.	Brucella reagent		3 kit
99.	H & E staining Kit		1 kit
100	Blood urea		1 kit
101	creatinine		1 kit
102	Uric acid		1 kit
103	cholesterol		1 kit
104	LDL		1 KIT
105	HDL		1 kit
106	LDH		1 kit
107	CK		1 kit
108	CK-MB		1 kit
109	ALT		1 kit
110	AST		1 kit
111	Alkaline phosphates		1 kit
112	Bilirubin		1 kit

113	Triglyceride		1 kit
114	Serum protein		1 kit
115	Citric Acid		0.5 kg
116	DMSO		1 lit
117	Ammonium Oxalate		0.5 kg
118	Formalin		2 lit
119	Trisodium citrate		0.5 kg
120	Sodium fluoride		0.5 kg
121	Beaker 1 lit		5
122	Reagent bottle 1 lit		10
123	Thomas pipettes(full set)		1
124	Test tube 5 ml		3500
125	Test tube rack		5
126	Petri dishes different size		250
127	Tips (yellow/blue)		10000
128	Flasks 1 lit		10
129	Flask 500ml		10
130	Flask 250 ml		10
131	Flask 100ml		10
132	Beaker 500ml		5
133	Beaker 250 ml		10
134	Blood grouping set Coombs AHG 22% Albumin		1 set 1 set
135	Filter paper round shape		50
136	Test tube 10ml (Glass pyrix)		100
137	Syringe 5cc		250
138	Alcoholic swabs		250
139	Haemocytometer(counting chamber)		5
140	Turk solution		1 lit

141	Slides		2500
142	Cover slips		25
143	ESR stand with pipette		3
144	Aluminum foil		5
145	Paraffin film		1
146	Iodine		1 lit
147	Comber 10 strip		1 pack
148	Resoceanol		250 gm
149	Lishman stain		250
150	Catalase reagent 25 ml		25 ml
151	Coagulase reagent DNAs agar		25ml
152	Biochemical test strips		50
153	SS agar Mannitol salt agar		500gm 500gm
154	MacConkey agar		1 kg
155	Blood agar		1 kg
156	CLED medium		1 kg
157	Nutrient agar		1 kg
158	MH medium		1 kg
159	Oxidase reagent		25 ml
160	LJ medium Peptone water Kovacs reagent		500gm 500gm 100ml
161	Sabouraud agar		1 kg

S#	NETWORKING & MULTIMEDIA		
1.	Desktop Computers	<b>International Brand Desktop Computer</b> <ul style="list-style-type: none"> <li>• Latest Version core i3-8100 processor</li> <li>• Intel Chipset</li> <li>• 8GB DDR4 Memory</li> <li>• 3.5 in 1TB 7200 rpm SATA</li> <li>• Intel Integrated Graphics</li> <li>• Integrated gigabit Ethernet</li> <li>• Integrated 802.11 bgn + bluetooth 4.0</li> </ul>	125

		<p><b>(Vigi BGNAC)</b></p> <ul style="list-style-type: none"> <li>• USB Optical Mouse</li> <li>• USB keyboard</li> <li>• 18.5" LED Monitor</li> </ul> <p>HDMI Port, <b>3 years warranty</b></p>	
2.	Laptop for faculty	<ul style="list-style-type: none"> <li>• 14" 2-in-1 Laptop,</li> <li>• 14.0" FHD (1920 x 1080) Touch Display,</li> <li>• AMD Ryzen 5 4500U Processor,</li> <li>• 16GB DDR4, 256GB SSD,</li> <li>• AMD Radeon Graphics,</li> <li>• Win 10, 81X20005US,</li> </ul>	04
3.	Printers	<p>Speed 38 ppm A-4 and 40 PPM Letter  Paper support 250 sheet Tray  100 Sheet Multi-purpose Tray  Paper size A4,legal,A5,A6  Duplex/Wifi support/network support  USB 2.0 10Base-T / 100Base-TX /  1000Base-T  Memory 1GB  Monthly Duty cycle 80,000/- Pages  <b>Conventional cartridges compatible</b></p>	11
4.	Scanner	<p>Desktop Flatbed Scanner  Speed 20 ipm/36ipm  Scanning side: Front/Back  Scanning modes B&amp;W, Color Gray Scale  &amp; 24 bit color 50 Sheet  Scanning Resolution 600 dpi  Hi-speed USB 2.0</p>	02
5.	Photocopying machine	<p>Copy Speed 40-45 ppm  Multifunction Copy, Print, Scan  Resolution: 600 × 600,  Printing: Up to 1,200 x 1,200  Multiple Copies Up to 9,999 copies  Standard Paper capacity  Cassettes 2 x 550 sheets (1100 Sheets) +  100 Sheets bypass Tray (80 G/M)  Paper Size Support A3,A4,Legal  RAM 1.5 GB or Higher, Built in Wi-Fi  /network  DADF/RADF/RSDF  Local Trolley</p>	04
6.	Multimedia with accessories and Installation	<p>Technology: 3LCD  Native Resolution: 1024 x 768 (XGA)  Brightness: 3500  Contrast Ratio: 15000:1</p>	25

		Zoom: 1.2x (Optical Zoom) Aspect Ratio: 4:3 Type of Light Source: UHP Lamp Life of Light Source (Hours): 10,000 Normal Modes   20,000 (Eco Mode) Inbuilt Speaker: Yes Remotely Controlled: YES Screen 6x8 fast fold screen	
7.	Server	<b>Server</b> <b>Processor:</b> Intel Processor GOLD -6226R or higher <b>Memory:</b> Support at least 64GB, RDIMM DDR4 2933 in MHz <b>Internal Storage:</b> Must support Integrated 4-Port SATA/SAS controller (Hypervisor RAID) Must support 8 x 3.5" Drives for mix (SSD & SAS/SATA) workload Must support 2 x 2.5" Drives Must have 2 x 240GB 2.5" 12G SAS SSD Must have 3x 1.2TB 3.5" 7.2K RPM SAS or Higher Must support 8 x 3.5" Drives for mix (SSD & SAS/SATA) workload Raid Controller with 2GB Cache (RAID 1/0,5) <b>Network Communication:</b> 2 x 10GbE port onboard or Higher Must have 1Gb network Adapter (LOM) <b>Power Supply:</b> Redundant <b>Fan Kit:</b> Redundant FAN, (2 X 750 Energy Smart) AC Power Supply Or more power efficient At Least (6) Redundant cooling FANS or Higher <b>Accessories:</b> 2U Bezel Kit, Chassis Intrusion Detection Kit <b>Rail kit:</b> 2U Small Form Factor Easy Install Rail Kit with Cable Management Arm <b>Warranty:</b> 3-Years comprehensive along with onsite Support (The hardware should be covered under comprehensive warranty from any defects in material and workmanship for a period of three (03) years commencing immediately upon the satisfactory commissioning. Bidder shall continue to	02

		provide maintenance and support during the warranty period 03 years).	
8.	UPS (Server Room)	<p><b><u>UPS (10000 Watt)</u></b>  <b>Topology:</b> Double Conversion Online  <b>Max configurable Power (Watts):</b> 10,00Watts / 10 KVA  <b>Power Factor:</b> 0.99  <b>Output Voltage Distortion:</b> Less than 3%  <b>Waveform Type:</b> Pure sinewave  <b>Crest Factor:</b> 3:1  <b>UPS Efficiency:</b> 94%&amp; 97% (Eco mode)  <b>Input Frequency:</b>45-65 Hz  <b>Batteries: 12v/9AH (QTY: 16)</b>  <b>Backup:</b> Standard Backup (Minimum 30 minutes backup on 70% load)  <b>Warranty:</b> 2 years warranty on site including batteries</p>	04
9.	UPS (Switches, faculty, lecture room)	<p><b><u>UPS (1000 watt)</u></b>  <b>Topology:</b> Online  <b>Max configurable Power (Watts):</b> 800Watts / 1 KVA  <b>Power Factor:</b> 0.8  <b>Waveform Type:</b> Pure sinewave  <b>Input Frequency:</b> 50/60 Hz  <b>Backup:</b> Standard Backup  <b>Warranty:</b> 2 years warranty on site including batteries</p>	06
10.	Server Rack with KMU, PDU	<p><b><u>Server Rack (42U)</u></b>  <b>Rack Type:</b> 42U 800mmx1000mm Enterprise Shock Rack  <b>Jumper Cords:</b> 16 x C13 - C14 WW 250V 10Amp 3.0m Jumper Cord, 4 x C19 - C20 WW 250V 16Amp 2.5m Jumper Cord  <b>Hardware Kit:</b> Rack Hardware Kit  <b>Side Panel:</b> Rack 42U Side Panel Kit  <b>PDU's:</b> 2 x Basic 3.6kVA/IEC C20 Detachable 16A/100-240V Outlets (20) C13 (2) C19/Vertical WW PDU  <b>Ballast Kit:</b> Rack Ballast Kit  <b>Console Adaptor:</b> 8 x KVM Console USB Interface Adapter  <b>Console Kit:</b> LCD8500 1U INTL Rackmount Console Kit  <b>Console Switch:</b> 1x1x8 KVM IP Console Switch  <b>Fan Kit:</b> Rack Roof Mount Fan (220V) Kit</p>	02

		<b>Filler Panel:</b> 2 x 1U 10-pack Black Universal Filler Panel <b>Door Kit:</b> Rack 42U 600mm Front Door Kit <b>Warranty:</b> 3 years 24x7 4Hour response comprehensive warranty at site	
11.	Data Cabinet 6U	<b>Data Cabinet 6U</b> <b>Rack Type:</b> 6U 600 x 368 x 450 mm <b>Cooling:</b> 2x120mm AC Fans	8
12.	Multimedia Speakers	Connectivity      Wired Technology Speaker Type      Subwoofer Mounting Type    Table Top <ul style="list-style-type: none"> <li>• Cyber Acoustics 62W 2.1 Stereo Speaker with Subwoofer</li> <li>• Great for multimedia laptop or PC computers</li> </ul>	35

I.	FIXTURE		
13.	Electric Water Cooler	<ul style="list-style-type: none"> <li>• 35 Liters/HR Capacity</li> <li>• Temperature adjustable</li> <li>• Warranted Compressor</li> <li>• Full Stainless Steel Body</li> <li>• Latest Model</li> <li>• Durable</li> <li>• Electric water cooler</li> </ul>	14
14.	48 inch LCD TV	Model                      48 Inch LED Full HD TV Display Size              48 inch Screen Type                LED Color                        Black Resolution Standard      Full-HD Width x Height x Depth (without stand)      1076.1 x 624.4 x 67.1 Number of Speakers        2.0Ch Speaker Supported Audio Formats      MP3	30

15.	Fridge (Large Size)	<ul style="list-style-type: none"> <li>• Elegant Dispenser Design</li> <li>• Hidden Temperature Controls</li> <li>• Pocket Handle and Hidden Hinges</li> <li>• Premium Shelves and Storage</li> <li>• LED Interior Lighting</li> <li>• Gallon Bottle Storage in Door</li> <li>• PerfectChill™ Drawer</li> <li>• 3 Cooling Zones</li> <li>• Glide-out Tray</li> <li>• Retractable Shelf</li> </ul>	02
16.	Fridge (small)	<ul style="list-style-type: none"> <li>• Mini Fridge</li> <li>• 48 litres</li> <li>• Single Door Refrigerator</li> <li>• Defrosting Auto</li> <li>• 8 Cubic Feet with 230 lit capacity</li> <li>• External water dispenser</li> <li>• Independent Freezer</li> <li>• Adjustable Spill-proof Shelves</li> </ul>	05
17.	Air Conditioner for classrooms & Offices	<ul style="list-style-type: none"> <li>• <b>1800 BTU 1.5 Ton</b></li> <li>• <b>Hot &amp; Cool</b></li> </ul>	50
18.	Geyser (Electric)	<ul style="list-style-type: none"> <li>• Heater Type: Electric</li> <li>• Capacity: 25 Litres</li> <li>• Warranty: 2 Year(s)</li> <li>• Wattage: 2000 Watts</li> </ul>	03
19.	Generator	<p><b>Brand:</b> PS50, 50hz Three Phase 380-415v   0.8 PF  <b>Prime Power (PRP O/P):</b> 50 KVA  <b>Standby Power (ESP O/P):</b> 55 KVA  <b>R.P.M:</b> 1500</p> <p>Control Panel (Powder coated steel enclosure flexibly mounted above alternator terminal box)  Supply of ATS Panel for 50kVA DG Set  Sound &amp; Weather attenuated canopy  Installation, testing and commissioning of DG Set. (i/c foundation pad &amp; earthing and excluding cabling)  Power Cable 4C 10mm<sup>2</sup>, PVC/PVC/CU  Control Cable 2.5mm<sup>2</sup></p>	2

**Note: Also attach the technical bids/Specifications in MS Word format in Flash Drive.**

## Section V. Technical Specifications

**Technical Evaluation Criteria for Skill Lab Equipments, Glassware, General  
and IT Equipments for Establishment of Institute of Nursing and Medical  
Technologies**

**(Least Cost System)**

**1. SYSTEM BREAKING / DISQUALIFICATION POINTS IN TECHNICAL  
EVALUATION CRITERIA:**

- a.** These system breaking / disqualification points mentioned in this section are in addition to the provision of mandatory documents, as elaborated in Bid Cover Sheet (Bid Form-1).
- b.** During technical evaluation of the quoted bids, bidders may stand disqualified if the Procurement Committee and /or Inspection Team/s find and declare any of the shortcoming/s related to the documents and/or manufacturing units and / or the premises of the manufacturers and /or Importers regardless of completion / fulfillment or otherwise of any terms and conditions, criteria and /or codal formalities.
- c.** The technical & financial evaluation system for KMU bids for the FY 2021-21 comprises different evaluation proformas each having system breaking points and non-compliance of any of these system breaking parameters on part of bidder shall lead to disqualification of firm and /or quoted item/s, whatever the case may be.

Section V. Technical Specifications (Continued)  
**Financial Evaluation and Scoring System for Bids**

The financial bids of technically qualified bidders will be opened publicly at the time to be announced by the Procuring Agency and the financial bids found technically non-responsive shall be returned un-opened to the respective Bidders.

**Scoring Methodology:**

Contract will be awarded on the basis of Least Cost System.

**Technical Evaluation Criteria**

**Best Evaluated Bid in compliance to LCS shall be selected for award of contract**

<b>S.</b>	<b>Description of Variables</b>	<b>Total Points</b>
<b>1.</b>	<b>Authorized Importer of Principle manufacturer/authorized sole distributor/ agent</b>	Mandatory
<b>2.</b>	<b>Tax Returns</b> (Last year Tax return)	Mandatory
<b>3.</b>	<b>Stamp Paper</b> that the firm has not been blacklisted by any government entity or its owner(s) has not been partner of any previously blacklisted firm(s):	Mandatory
<b>4.</b>	<b>Conformance to Specification</b>	Mandatory
<b>5.</b>	<b>Manufacturer Authorization Distributor Certificate</b> (A certificate from OEM (Original Equipment Manufacturer) clarifying that the bidder is authorized by the manufacturer for the	Mandatory
<b>6.</b>	<b>Registration with income tax (who are on Active Tax Payer List), Sales Tax and Excise and Taxation Department of Khyber Pakhtunkhwa.</b>	Mandatory
<b>7.</b>	<b>Warranty Period</b> of three years both with spare parts and services & Next two-year services only without parts, from the date of Installation / Commissioning.	Mandatory
<b>8.</b>	<b>Undertaking</b> that the response time and resolution of any problem/technical issue/defect will be less than 24 hours.	Mandatory

## Section VI. Sample Forms

### **MANDATORY STANDARD FORMS (1 to 6)**

<b>BID FORM 1:</b>	<b>BID COVER SHEET</b>
<b>BID FORM 2:</b>	<b>LETTER OF INTENTION</b>
<b>BID FORM 3:</b>	<b>AFFIDAVIT</b>
<b>BID FORM 4</b>	<b>PRICE SCHEDULE FORMAT FOR FINANCIAL BID</b> (To be submitted in separate sealed envelope)
<b>BID FORM 5</b>	<b>INTEGRALITY PACT</b>
<b>BID FORM 6</b>	<b>CONTRACT AGREEMENT</b> (for information only, shall be signed by the successful bidders only)

## BID FORM-1

### BID COVER SHEET

#### Mandatory General Information of Applicant Firm

**NOTE: Complete filling of this form along with the provision of all requisite information is mandatory. Missing or not providing any of the requisite information may lead to disqualification of the bidder/s from the bidding competition without any correspondence.**

S.No.	Name of the Bidding Firm:	
1.	Please indicate whether the firm is: i. Manufacturer, or ii. Importer, or iii. Authorized dealer/ sole agent iv. Both; Manufacturer as well as Importer For various items offered for this bidding competition.	
2.	Please indicate out of the following category/ies, under which the Firm is applying for bidding:	
3.	Please provide names, attested copies of CNICs, two recent attested photographs, valid street addresses in Pakistan, all working landline, mobile phone numbers and valid email address of the following: i. Owner/Proprietor of the Firm; and ii. Managing Director / CEO of the Firm; and iii. Focal person officially made responsible and authorized by the Firm for day to day official correspondence/communication with the procuring agency related in relation to this bidding competition.  <b>Note:</b> 1. In case of winning this bidding competition the focal person of the successful bidder shall be responsible for communication with procuring agency regarding supply related issues, replacement of short expiry items etc. in order to facilitate the procuring agency in the best public interest.	
4.	Please provide the following valid information regarding applicant Firm: i. Complete street address of the: a. Head Office b. Main warehouse; and ii. Valid & working official Landline Phone and Fax Numbers; and iii. Valid Mobile phone number/s of the Focal Person registered which should be registered his/her CNIC No. and name; and iv. Valid and functional Email address; and v. Official Website address/es. vi. Valid official E-mail address of the principle manufacturer for the purpose of verification of documents as and where required.	
5.	Please provide, in original, the bids security instrument amounting as per instructions of Bid Data Sheet and advertisement. <b>Note:</b> Please also provide an attested photocopy of the same bids security document in the sealed envelope of technical Proposal.	

6.	<p>Please provide attested copies of the following Tax related valid documents:</p> <ul style="list-style-type: none"> <li><b>i.</b> National Tax Number (NTN) of the Firm for Income Tax, and</li> <li><b>ii.</b> Last year Income Tax Return of the Firm; and</li> <li><b>iii.</b> Sale Tax Registration Certificate of the Firm; and</li> <li><b>iv.</b> Certificate of Professional Tax of the Firm.</li> </ul>
7.	<p>The bidding Firm shall also provide an Affidavit on Judicial Stamp Paper of the value of at least Rs. 100/- (Rs. One Hundred Only)for the following undertaking:</p> <ul style="list-style-type: none"> <li><b>i.</b> I / We have carefully read the whole set of Standard Bidding Documents for this bidding competition and that I / We have fully understood and agree to all the provisions (including, but not limited to, those provided under ITB 29.1 of the Bid Data Sheet), terms and conditions, evaluation criteria, mechanism of evaluation &amp; selection of items for which the Firm has applied for competition; and</li> <li><b>ii.</b> I / We fully understand and agree that the bidding competition for which I / We have applied to enter in, shall be based on merit based scoring system for the evaluation of technical bids which has inverse relationship with the rates quoted by the bidders in their financial bids submitted; and that in this situation, the lowest financial bid/s may or may not win the bidding competition; and</li> <li><b>iii.</b> I / We guarantee that the quote item/s are, and shall be, freely available in the market of Pakistan; and particularly in the market of Khyber Pakhtunkhwa Province; and</li> <li><b>iv.</b> I / We shall provide to the inspection team/s of expert/s authorized for the purpose by the Purchase Committee KMU, Peshawar Khyber Pakhtunkhwa; an uninterrupted and free access to all relevant documents, sections of the manufacturing facilities / unit, storage and warehousing facilities as well as any other area relevant, as deemed appropriate by the above mentioned team for their purpose of visit/s.</li> <li><b>v.</b> In case any documents submitted in relation to this bidding competition or any undertaking given by the Firm, if found incorrect or false or misleading or diverting the decision making for the competition, shall be liable to be proceeded for blacklisting for any business with / by the Procuring Entity (KMU), confiscation of bids security and / or any other lawful action as deemed appropriate by the Government of Khyber Pakhtunkhwa, including that to be taken in concert with any other body / entity of the Federal Government; and</li> <li><b>vi.</b> I / We have fully understood that the medical devices and items in the category mentioned in these BSDs shall be evaluated / examined by expert/s nominated by the Procurement Committee (KMU) Khyber Medical University, at its sole discretion; and that the Firm shall fully agree and abide by the decision/opinion, whatsoever, of the said expert/s regarding the selection, or otherwise, of the quoted item/s for purchase / rate contracting.</li> <li><b>vii.</b> I / We also undertake that submission of any false/bogus/fake/forged/ fabricated/tampered document shall lead to disqualification of our firm from this bidding competition as well as to other lawful action/s to be taken by the concerned authorities.</li> <li><b>viii.</b> I / We have fully understood that no such documents shall be entertained by the Procuring Agency, which is issued after due date of Bid opening.</li> </ul>
8.	<p>I certify and affirm that I have attached /provided all the requisite mandatory documents / information including Bids Security with this Bid and that I fully understand that any document if not provided / missing shall result in the disqualification and declaring my bid as ineligible and thus non-responsive.</p> <p>Signatures: _____</p> <p>Name: _____</p> <p>CNIC No. _____</p> <p>Designation: _____</p> <p>Address: _____</p> <p>_____</p>

## **Bid Form 2**

### **Letter of Intention**

*Bid Ref No.*

*Date of the Opening of Bids*

*Name of the Contract :{ Add name,e.g, Supply of Goods, etc.}*

To: *[Khyber Medical University]*

Dear Sir/Madam

Having examined the bidding documents, including Addenda Nos. *[insert numbers& Date of individual Addendum]*, the receipt of which is hereby acknowledged, we, the undersigned, offer to supply and deliver the Goods under the above-named Contract in full conformity with the said bidding documents and at the rates/unit prices described in the financial bid are not more than the trade price of quoted item/s in the market.

We undertake, if our bid is accepted, to deliver the Goods in accordance with terms and condition of contract agreement.

We agree to abide by this bid, for the Bid Validity Period specified in the Bid Data Sheet and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

Until the formal final Contract is prepared and executed between us, this bid, together with your written acceptance of the bid and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in Pakistan.

Dated this *[insert: number]* day of *[insert: month]*, *[insert: year]*.

Signed:

In the capacity of *[insert:title or position]*  
Duly authorized to sign this bid for and on behalf of *[insert:name of Bidder]*

## **Bid Form-3**

**AFFIDAVIT**(on Judicial Stamp Paper)

I/We, the undersigned [**Name of the Supplier**]hereby solemnly declare and undertake that:

- 1) I / We, the undersigned, have read the contents of the Bidding Document and have fully understood it.
- 2) The Bid being submitted by the undersigned complies with the requirements enunciated in the bidding documents.
- 3) The Goods that I / We, the undersigned,propose to supply under this contract are eligible goods within the meaning of this SBD.
- 4) The undersigned are also eligible Bidders within the meaning of the Standard Bidding Documents.
- 5) The undersigned are solvent and competent to undertake the subject contract under the Laws of Pakistan.
- 6) The undersigned have not paid nor have agreed to pay, any Commissions or Gratuities to any official or agent related to this bid or award or contract.
- 7) The undersigned are not blacklisted or facing debarment from any Government, or its organization or project.
- 8) That undersigned has not employed any child labor in the organization/unit.
- 9) We understand that the Procuring Agency or any of its committees are not bound to accept the lowest or any other bid they may receive.

I / We affirm that the contents of this affidavit are correct to the best of my/our knowledge and belief.

Signatures with stamp

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

CNIC No. \_\_\_\_\_

For Messrs. [**Name of Supplier**]

## **Bid Form-4**

**Note:** *This form is to be submitted in a separate sealed envelope to be kept within the main sealed envelope of the bid.*

### **Price Schedule format for Financial Bid of Khyber Medical University, for the year 2022-23**

1. **In case of Chemicals & Glassware,** the unit price of each item shall be quoted and submitted in the following format:

S. No.	Quoted items	Generic Name with sizes/measurements of quoted item	Trade Name of quoted item	Rate Offered per unit in Pak. Rupees (Rs./-)

2. **In case of Major & Minor Equipment** the unit price of each item shall be quoted and submitted in the following format:

S. No.	Quoted items	Country of origin	Make	Model	Trade Name of quoted item	Rate Offered per unit in Pak. Rupees (Rs./-)

## **Bid Form-5**

### **INTEGRITY PACT (on Judicial Stamp Paper)**

**Declaration of Fees, Commission and Brokerage Etc. Payable by Suppliers of Skill Lab Equipments,  
Glassware, General and IT Equipments ADP Projects for Khyber Medical University, FY 2021-22**

In response to advertisement related to the bidding process / competition regarding purchase of Consumables, Chemicals and Equipments Items for Khyber Medical University, IPS, Peshawar, I, Mr./Ms. \_\_\_\_\_ s/o, d/o \_\_\_\_\_ bearing CNIC No. \_\_\_\_\_, and having the Designation of \_\_\_\_\_ in Messrs. (M/S)

[*Name of Supplier*] do hereby solemnly affirm, declare and certify on behalf of M/S [*Name of Supplier*] that:

1. [*Name of Supplier*] has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Khyber Pakhtunkhwa (GoKP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoKP through any corrupt business practice; and
2. That without limiting the generality of the foregoing, [*Name of Supplier*] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoKP, except that which has been expressly declared pursuant hereto; and
3. That [*Name of Supplier*] has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoKP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty; and
4. That [*Name of Supplier*] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoKP under any law, contract or other instrument, be voidable at the option of GoKP; and
5. That notwithstanding any rights and remedies exercised by GoKP in this regard, [*Name of Supplier*] agrees to indemnify GoKP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoKP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [*Name of Supplier*] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoKP.

**Signatures with stamp**

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**CNIC No.** \_\_\_\_\_

**For Messrs. [*Name of Supplier*]**

**Witness No. 1**

**Witness No. 2**

(Signatures, name, father's name, CNIC & address of each Witness)

**(Bid form-6)**

**KHYBER MEDICAL UNIVERSITY, CONTRACT AGREEMENT (for successful bidders)**

**AFFIDAVIT**

**THIS RATE CONTRACT AGREEMENT** is made and agreed today on the \_\_\_ day of [Month\_\_\_\_], 2021 between the Vice Chancellor KMU Hayatabad Peshawar, Khyber Pakhtunkhwa (*hereinafter referred to as the Purchasing Agency or first party*) and Messrs. [Name of Supplier], authorized agent of M/S \_\_\_\_\_ for goods \_\_\_\_\_ through

Mr. \_\_\_\_\_ Designation \_\_\_\_\_  
CNIC No. \_\_\_\_\_, (*hereinafter referred to as the Supplier or second party or he or his or him, which expression, unless repugnant to the context, means and includes their legal heir/s, successors-in-interest, assignee/s and legal representative/s*) that:

**I. DEFINITIONS**

The following terms have the following meanings unless the context requires otherwise:

“**Confidential Information**” means all information that relates to the business, affairs, products, developments, trade secrets, know-how, personnel, customers, patients medical records and their personal information or which may reasonably be regarded as the confidential information of the disclosing party on legal and ethical grounds;

“**Standard Terms and Conditions**” means these terms and conditions contained in this Contract;

**II.** The Contract; the following document shall be deemed to form and be read and construed as integral part of this contract, viz:

- a. The schedule of requirement (SOR), Technical Specification contained in RFP, mandatory services attached at Appendix-A, and matters ancillary thereto.
- b. The price schedule and per unit cost agreed.
- c. The Purchase order/s along with reporting time.
- d. The General Condition of Contract (GCC); and
- e. The Special condition of the contract (SCC).

**III. TERMS & CONDITIONS**

**3. 1. TERM OF THE CONTRACT (Validity)**

1.1 This Contract shall be effective from the date of signing this contract till 30-06-2022.

**2 PERFORMANCE OF THE CONTRCAT**

2.1 This contract shall fully be executed by the Party Two as per agreed terms and no part thereof shall be subletted or subcontracted or assigned to any other party. The Party Two is as whole responsible for the performance of the contract and in case of any such breach relating to subletting, subcontracting and/or assignment, the Party One shall terminate the contract immediately without any notice and legal proceedings against the consultant shall be initiated.

**4. Supply items**

- 4.1. The supplier shall supply the items in a manner specified in relevant sections of bid solicitation documents of KMU-IPS for FY 2021-22.
- 4.2. The Inspection committee shall examine the quality and quantity of the supplied items and can reject if found in contravention to any of the approved specification of bidding document.
- 4.3. The supplier agreed and undertakes that it shall be his / her sole responsibility for the replacement of any breakage, shortage, or any other default during the supply order within 2 weeks of the issuance of replacement order to the bidders.
- 4.4. The Unit price quoted by the bidder shall be: inclusive of all duties, taxes & levies as per law.

**5. Expiry.**

- 5.1. The expiry of the consumables must be 60% at the time of supply.
- 5.2. The firm shall replace the short expiry consumables and/or Medical Devices and/or kits and/or Non-drug items etc. within 15 days of the intimation to the supplier if the same are not utilized in time in KMU Hayatabad Peshawar.
- 5.3. The Authority at KMU will intimate the firm when expiry of the consumable /reagents remains 20%.

**6. Payment.**

- 6.1. Payment shall be made to the supplier after successful inspection by the inspection committee and test check of the consumables by the Inspection Committee.
- 6.2. The supplier shall submit invoice, bills/claims to the authorized officers for verification and signature who shall duly authenticate/ verify the acknowledgement of supply item before payment released to supplier.
- 6.3. The supplier shall certify on the bills/Claims that rate of the supplied item/kit do not exceed the approved rate.
- 6.4. The Purchasing Agency shall, in no case, be responsible or held responsible for any complications in making payments to Supplier that may arise from the closure of financial year, and / or lapse, and / or surrender of public funds, vis-à-vis, the standard and normal public sector financial management laws, rules, regulations, procedures and practices governing the Procuring Agency.

**7. Place of delivery.**

- 7.1. The supplier shall be bound to ensure supplies in compliance to the supply order of KMU-IPS.
- 7.2. The supplier shall supply the item/s within the specified time as mentioned in the supply order.
- 7.3. The Procuring Agency shall bear no charges on account of delivery, services or transportation of items supply.
- 7.4. The Supplier shall be solely responsible for any damage or untoward incidence, maintenance of required temperature and protection from light and other environmental conditions as well as other hazards that may possibly or potentially affect the safety, quality and efficacy of the supplied goods till the time of delivery and the consequences arising therefrom, if any.
- 7.5. The Supplier shall be solely responsible for the safe and appropriate method and mode of transportation, loading and / or unloading and staking of the supplied items till, and at the time of delivery to the destination address indicated by the Procuring Agency.
- 7.6. The supplier shall be bound to ensure the provision of temperature controlled items ensuring end to end cold chain facility by providing data logger/s with supplies to the procuring agency.

**8. Rates.**

- 8.1. The supplier shall supply the items/kits as per supply order on the approved rates.
- 8.2. The supplier shall not claim any increase in the rates as determined in the clause 6.3 on account of any escalation in the cost , transportation or any other service/s.

- 8.3. The approved rates are attached as per award list of the procuring entity.
- 8.4. The Firm shall provide a certificate on judicial stamp paper that rates offered are not higher than the rates already provided to any public institute/departments in Pakistan, any kind overpayment, if pointed out at any stage or by audit, the firm shall be responsible for recovery of overpayment.

**9. Disputes Resolution.**

The occurrence of dispute and its handling shall be as under;

- 9.1. All disputes between the party/ies arising out of this agreement or in relation thereto, as the case may be, the supplier shall make every effort to resolve amicably by direct negotiation or through change management process for operational arrangements and matters ancillary thereto to make on any disagreement or dispute arising between them under or in connection with the contract and/or supplies. However, despite such negotiation if the Procuring Agency & Supplier have been unable to resolve amicably a contract dispute, either party may refer the case regarding the interpretation of any clause of this agreement, as the case may be, to dispute resolution committee of KMU notified for this purpose.
- 9.2. That it is binding upon parties to make every effort through negotiation, change management process and contract amendments where required in order to resolve all the disputes or disagreements amicably under or in connection with execution of this contract.
- 9.3. In such a situation where both parties are unable to resolve amicably a dispute, the matter shall be referred to the Dispute Resolution Committee (DRC) duly constituted by Vice Chancellor Khyber Medical University. The decision of the DRC shall be final and binding upon the parties.

**10. Termination of the contract.**

- 10.1. It is agreed and declared by the parties that the Procuring Agency is empowered to terminate this contract agreement at any time.
- 10.2. It is further agreed by the parties that 15 `days advance notice shall be served on the supplier for termination of this agreement.
- 10.3. Party One by virtue of this contract also warrants to unilaterally and immediately terminate the contract in case of breach of confidentiality clause.

**11. Supersession of all prior understanding.**

- 11.1. It is agreed and declared by the parties that this agreement constitutes the sole understanding with respect to the subject matter hereof and supersede all the prior understanding written or verbal between the parties.
- 11.2. It is further agreed between the parties that the Procuring Agency has the power to amend the terms and condition of this agreement. However, the said amendment shall not in any way cause any financial loss to the parties.

**12. Indemnity**

- 11.1** Notwithstanding any rights, duties and/or Vice Chancellor Action taken and or to be taken and or any power exercised by the client with regard to execution of this contract, the Consultant agrees to indemnify them for any loss or damage incurred upon the Consultant in any manner.

**13. Penalty.**

- 13.1. In case of default by the supplier, the Procuring Agency has the right and authority to make alternate arrangement and proceed against the supplier as given bellow.

- 13.2. Purchase at supplier risk and cost which shall be met from the security deposit at the prevailing market rate.
- 13.3. Blacklisting of the firm in light of Rule 44 of KPPRA Rules 2014.
- 13.4. Upon delay in supply from thirty-one to forty-five (31 to 45) days, a lump sum penalty amounting to three per cent (03%) of the total quoted price of such goods, whose supply was delayed out of the same supply order as issued to the Supplier, shall be levied through deducting the total amount of penalty from the total pre-tax payable billed amount by the Procuring Agency.
- 13.5. Upon delay in supply from forty-six days up to sixty days(46 to 60), instead of three per cent (03%) as in clause- 12.4 above, a lump sum total penalty amounting to seven per cent (07%) of the total quoted price of such goods, whose supply was delayed out of the same supply order as issued to the Supplier, shall be levied through deducting the total amount of penalty from the total pre-tax payable billed amount by the Procuring Agency.
- 13.6. In case of delay in supply beyond sixty days, as in clause-12.5 above, the supply order issued by the Procuring Agency shall stand cancelled to the extent of non-supplied items and in such a case, the Procuring Agency shall have the right, duty and authority to impose any or all of the below mentioned penalties; that is
  - 13.6.1. Forfeiting the bids security and / or performance guarantee of the Supplier as related to this contract agreement; and / or
  - 12.6.2 Immediately debarring the Supplier from future participation and business for at least next three (03) calendar years with the Government of Khyber Pakhtunkhwa through KMU or any other health institution, project and / or Program directly or indirectly run or implemented by or through the provincial Health Department or Purchasing Agencies in the Province, as defined in the SBDs.
  - 12.6.3 Initiating the process for and recommending for permanent blacklisting of the Supplier with the Procuring Agencies.

**14. Taxes and Duties.**

- 14.1. The supplier agree and undertakes that incase of change in any Tax, Duty or Levy imposed by the Federal Government or Local Body will be applicable as per FBR/Govt. Notification.
- 14.2. All Taxes on any item of supply prior to the delivery of item shall be borne by the supplier.

**15. Performance Guarantee/Security:**

- 15.1. In case of initial supply order the performance security shall be submitted prior to contract award / signing of contract, however, for subsequent supply orders the performance security shall be submitted within 15 days of placement of supply order.
- 15.2. Supplier's Bid Security already submitted with the Bid shall only be released upon satisfactory submission of a Performance Guarantee in accordance with sub-clause (12.1) above.
- 15.3. Failure to submit a Performance Guarantee shall result into forfeiture of Bid Security and Cancellation of Contract and/or may be proceeded as under clause 10.6 of this Contract Agreement.

**16. Force Majeure**

The occurrence and handling of Force majeure is as follows;

- 1.1 In case of situation related to Force Majeure the consultant shall inform the client in writing about the situation immediately without delay along with supporting proof

through the fastest lawful available means of communication except email and request the client for grant of extension in time for submission of test report.

- 1.2 The client in case of being fully satisfied with genuineness of the situation arising from Force Majeure may extend the period of submission of test report and/or cancellation of the contract as the case may be.

**17. Miscellaneous**

- 17.1. The parties have agreed that in this agreement the time is of the essence.  
17.2. All duties and liabilities are subject to “seller” under the Laws of Pakistan.  
17.3. Notwithstanding any rights, duties and / or remedial measures and / or Vice Chancellor actions taken and / or to be taken and / or any powers exercised and / or to be exercised by the Procuring Agency with regard to the execution of this contract agreement, the Supplier agrees to indemnify all of them for any loss or damage incurred or inflicted upon by them in individual or official capacity upon the Supplier whether through any of their actions and / or practices and / or otherwise.

**Notices:** All notices and correspondences incidental to this contract shall be in English language and shall be addressed to:

**For the Purchaser:**

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**Registrar, Khyber Medical University Phase 5, Hayatabad, Peshawar.**

**Assignee of the supplier**

**Assignee of the KMU-**

Representative

Registrar

NIC#  
Address#  
Contact #

<b>WITNESS NO. 1</b> <b>Signature:</b> <b>Name:</b> <b>Father’s Name:</b> <b>Address:</b> <b>CNIC No.</b>	<b>WITNESS NO. 2</b> <b>Signature:</b> <b>Name:</b> <b>Father’s Name:</b> <b>Address:</b> <b>CNIC No.</b>
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**Schedule -1**

**Khyber Medical University,**

**Name and Address of Supplier:**

1. **List of Selected Item/s from the Supplier along with quoted unit price/s:**