

**UNITED REPUBLIC OF TANZANIA**



**MINISTRY OF HEALTH COMMUNITY DEVELOPMENT, GENDER, ELDERLY  
AND CHILDREN**

**MBEYA ZONAL REFERRAL HOSPITAL**

**CONTRACT NUMBER ME/007/MBY/2021- 2022 /G/1  
FOR  
SUPPLY, INSTALLATION, TESTING, COMMISSIONING  
AND TRAINING OF MEDICAL EQUIPMENT  
BETWEEN  
MBEYA ZONAL REFERRAL HOSPITAL  
AND  
KAS MEDICS LIMITED**

### Form of Contract

THIS AGREEMENT made the 4<sup>th</sup> day of February 2022 between Mbeya Zonal Referral Hospital, P.O. Box 419 Mbeya, Tanzania (hereinafter called "the PE") of the one part and *Kas Medics Limited of Dar es Salaam Tanzania* (hereinafter called "the Supplier") of the other part:

WHEREAS the PE invited Tenders for certain goods and ancillary services, viz., *Supply, Installation, Testing, Commissioning and Training Of Medical Equipment (for Sumbawanga RRH)* has accepted a Tender by the Supplier for the supply of those goods and services in the sum of **450,865,000/=** (*four hundred fifty million eight hundred sixty-five thousand Tanzanian shillings*), hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, In the event of any ambiguity or conflict between the Contract Documents listed below, the order of precedence shall be the order in which the Contract Documents are listed below:-
  - (a) This form of agreement;
  - (b) the Form of Tender and the Price Schedule submitted by the Tenderer;
  - (c) the Schedule of Requirements;
  - (d) the Technical Specifications;
  - (e) the Special Conditions of Contract;
  - (f) the General Conditions of Contract;
  - (g) the Purchaser's Letter of Acceptance; and
3. In consideration of the payments to be made by the PE to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the PE to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract
4. The PE hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

FOR PROCURING ENTITY:

Authorized Signature: .....

Name: Godlove Mbwana

Title: Executive Director

Date: 04.02.2022

Executive Director  
Mbeya Zonal Referral Hospital  
P. O. Box 419  
Mbeya - Tanzania

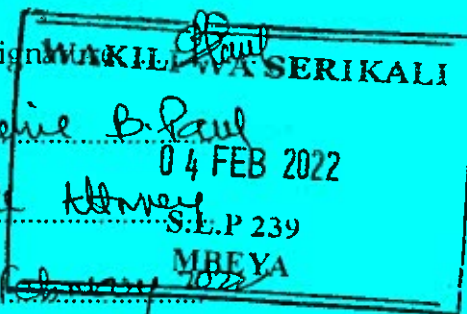
FOR LEGAL OFFICER:

Authorized Signature: .....

Name: Catherine B. Paul

Title: State Attorney

Date: 04 February 2022



FOR THE SUPPLIER:

Authorized Signature: .....

Name: Domitile MBITHI

Title: Manager

Date: 04/02/2022

DOMEDIGS LTD.  
KAS-Box 7856  
P.O. Box 7856  
KAS-ES-SALAAM  
TANZANIA

FOR LEGAL OFFICER:

Authorized Signature: .....

Name: JACKSON NGOMATI

Title: Advocate

Date: 04/02/2022



FOR THE MEDICAL OFFICER INCHARGE (SUMBAWANGA RRH):

Authorized Signature: .....

Name: Ismael MACHA

Title: M.O.C

Date: 04/02/2022

MEDICAL OFFICER INCHARGE  
SUMBAWANGA REGIONAL REFERRAL HOSPITAL

#### **SECTION IV: GENERAL CONDITIONS OF THE CONTRACT**

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## GENERAL CONDITIONS OF THE CONTRACT (GCC)

1.	Definitions	1.1	The following words and expressions shall have the meanings hereby assigned to them:	
			a)	The <b>Adjudicator</b> is the person appointed by the appointing authority specified in the Special Conditions of Contract (SCC), to resolve contractual disputes in the first instance, and as provided for in General Conditions of the Contract (GCC) 31 hereunder.
			b)	The <b>Arbitrator</b> is the person appointed by the appointing authority specified in the SCC, to resolve contractual disputes.
			c)	" <b>The Contract</b> " means the agreement entered into between the Procuring Entity (PE) 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.
			d)	The <b>Commencement Date</b> is the date when the Supplier shall commence execution of the contract as specified in the SCC
			e)	" <b>Completion</b> " means the fulfillment of the related services by the Supplier in accordance with the terms and conditions set forth in the contract
			f)	The <b>Contract Price</b> is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract Days are calendar days
			g)	A <b>Defective Goods</b> are those goods which are below standards, requirements or specifications stated by the Contract.
			h)	" <b>Delivery</b> " means the transfer of the goods from the supplier equipment, machinery, and /or other materials which the Supplier is required to supply to the PE under Contract.
			i)	" <b>Effective Contract date</b> " is the date shown in the Certificate of Contract Commencement issued by the Employer upon fulfillment of the conditions precedent stipulated in GCC 3.

		j)	"The Purchaser" means the person named as purchaser in the SCC and the legal successors in title to this person
		k)	"The Related 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, initial maintenance and other such obligations of the Supplier covered under the Contract.
		l)	"GCC" means the General Conditions of Contract contained in this section.
		m)	The <b>Intended Delivery Date</b> is the date on which it is intended that the Supplier shall effect delivery as specified in the SCC
		n)	"SCC" means the Special Conditions of Contract.
		o)	"The PE" means the entity purchasing the Goods and related service, as named in SCC.
		p)	"The Supplier" means the individual private or government entity or a combination of the above whose Tender to perform the contract has been accepted by the PE and is named as such in the Contract Agreement, and includes the legal successors or permitted assigns of the supplier and shall be named in the SCC.
		q)	"The Project Name" means the name of the project stated in SCC.
		r)	"Day" means calendar day.
		s)	"Eligible Country" means the countries and territories eligible for participation in procurements financed by the specified institution.
		t)	"End User" means the organization(s) where the goods will be used, as named in the SCC.
		u)	"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 produce results that is substantially different in basic characteristics or in purpose or utility from its components.



			<p>v) "Force Majeure" means an unforeseeable event which is beyond reasonable control of either Party and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.</p> <p>For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances. and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by Government agencies.</p> <p>w) <b>Specification</b> means the Specification of the Works included in the Contract and any modification or addition made or approved by the Project Manager.</p> <p>x) The Supplier is the person, whether natural or legal whose Tender to deliver goods or services has been accepted by the Employer</p> <p>y) The Supplier's Tender is the completed Tender document submitted by the Supplier to the Employer</p>
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2.	<b>Application and interpretation</b>	2.1	These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.
		2.2	In interpreting these Conditions of Contract headings and marginal notes are used for convenience only and shall not affect their interpretations unless specifically stated; references to singular include the plural and vice versa; and masculine include the feminine. Words have their ordinary meaning under the language of the Contract unless specifically defined.
		2.3	<p>The documents forming the Contract shall be interpreted in the following order of priority:</p> <ul style="list-style-type: none"> <li>(1) Form of Contract,</li> <li>(2) Special Conditions of Contract,</li> <li>(3) General Conditions of Contract,</li> <li>(4) Letter of Acceptance,</li> <li>(5) Specifications</li> <li>(6) Form of tender</li> <li>(7) Any other document listed in the Special Conditions of Contract as forming part of the Contract.</li> </ul>

3.	<b>Conditions Precedent</b>	3.1	<p>Having signed the Contract, it shall come into effect on the date on which the following conditions have been satisfied:-</p> <p>a) Submission of performance Security in the form specified in the SCC;</p> <p>b) Furnishing of Advance Payment Unconditional Guarantee.</p>
		3.2	<p>If the Condition precedent stipulated on GCC 3.1 is not met by the date specified in the SCC this contract shall not come into effect;</p>
		3.2	<p>If the Employer is satisfied that each of the conditions precedent in this contract has been satisfied (except to the extent waved by him, but subject to such conditions as he shall impose in respect of such waiver) he shall promptly issue to the supplier a certificate of Contract commencement, which shall confirm the start date.</p>
4.	<b>Governing Language</b>	4.1	<p>The Contract as all correspondence and documents relating to the contract exchanged by the Supplier and the PE shall be written in the language specified in SCC. Subject to GCC 3.1, the version of the Contract written in the specified language shall govern its interpretation.</p>
5.	<b>Applicable Law</b>	5.1	<p>The contract shall be governed and interpreted in accordance with the laws of the United Republic of Tanzania, unless otherwise specified in SCC.</p>
6.	<b>Country of Origin</b>	6.1	<p>The origin of Goods and Services may be distinct from the nationality of the Supplier.</p>

7.	<b>Standards</b>	7.1	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.
8.	<b>Use of Contract Documents and Information; Inspection and Audit by the Government of Tanzania</b>	8.1	The Supplier shall not, without the PE'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 PE 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 as far as may be necessary for purposes of such performance.
		8.2	The Supplier shall not, without the PE's prior written consent, make use of any document or information enumerated in GCC 7.1 except for purposes of performing the Contract.
		8.3	Any document, other than the Contract itself, enumerated in GCC 7.1 shall remain the property of the PE and shall be returned (all copies) to the PE on completion of the Supplier's performance under the Contract if so required by the PE.
		8.4	The Supplier shall permit the Government of the United Republic of Tanzania or / and donor agencies involved in financing the project 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 Government of the United Republic of Tanzania or / and the appropriate donor agencies, if so required by the Government of the United Republic of Tanzania or / and the appropriate donor agencies.
9.	<b>Patent and Copy Rights</b>	9.1	The Supplier shall indemnify the PE 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 United Republic of Tanzania.
		9.2	The patent right in all drawings, documents, and other materials containing data and information furnished to the PE by the Supplier herein shall remain vested in the supplier, or, if they are furnished to the PE directly, or through the Supplier by any third party, including suppliers of materials, the patent right in such materials shall remain vested in such third party.



10.	Performance Security	10.1	The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Employer, and denominated in the types and proportions of the currencies in which the Contract Price is payable as specified in the SCC.
		10.2	The proceeds of the performance security shall be payable to the PE as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
		10.3	The performance security shall be in one of the following forms:
		a)	A bank guarantee, an irrevocable letter of credit issued by a reputable bank, or an insurance bond issued by a reputable insurance firm located in the United Republic of Tanzania or abroad, acceptable to the PE, in the form provided in the Tendering Documents or another form acceptable to the PE; or
		b)	A cashier's or certified check.
		10.4	The performance security will be discharged by the PE 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 otherwise specified in SCC.
		10.5	Where circumstances necessitate the amendment of the contract after signature, and such amendment is effected, the PE shall require the Supplier to provide additional Performance Security to cover any cumulative increase of more than ten percent of the initial Contract Price.



11.	Inspections and Test	11.1	The PE 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 PE. SCC and the Technical Specifications shall specify what inspections and tests the PE shall notify the Supplier in writing or in electronic forms that provide record of the content of communication, in a timely manner, of the identity of any representatives retained for these purposes.
		11.2	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 PE.
		11.3	Should any inspected or tested Goods fail to conform to the Specifications, the PE may reject the Goods, and the Supplier shall replace the rejected Goods to meet specification requirements free of cost to the PE.
		11.4	The PE's right to inspect, test and, where necessary, reject Goods after the Goods' arrival in the PE's country shall in no way be limited or eared by reason of the Goods having previously been inspected, tested, and passed by the PE or its representative prior to the Goods' shipment from the country of origin.
		11.5	Nothing in GCC 10 shall in any way release the supplier from any warranty or other obligations under this Contract.
12.	Packing	12.1	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.
		12.2	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 PE.

13.	<b>Delivery and Documents</b>	13.1	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 as specified in SCC.
		13.2	For purposes of the Contract, "EXW" "FOB" "FCA", "CIF", "CIP," and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris.
		13.3	Documents to be submitted by the Supplier are specified in SCC.
14.	<b>Insurance</b>	14.1	The Goods supplied under the Contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery in the manner specified in the SCC.
15.	<b>Transportation</b>	15.1	Where the Supplier is required under Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the PE or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
		15.2	Where the Supplier is required under Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the United Republic of Tanzania, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
		15.3	Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within the United Republic of Tanzania, defined as the Project Site, transport to such place of destination in the United Republic of Tanzania, 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.
16.	<b>Incidental Services</b>	16.1	The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
		a)	Performance or supervision of on-site assembly and/or

				start-up of the supplied Goods;
			b)	Furnishing of tools required for assembly and/or maintenance of the supplied Goods;
			c)	Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
			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
			e)	Training of the PE's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
		16.2		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 to other parties by the Supplier for similar services.
17.	Spare Parts	17.1		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:
			a)	Such spare parts as the PE may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
			b)	In the event of termination of production of the spare parts: <ul style="list-style-type: none"> <li>i) advance notification to the PE of the pending termination, in sufficient time to permit the PE to procure needed requirements; and</li> <li>ii) following such termination, furnishing at no cost to the PE, the blueprints, drawings, and specifications of the spare parts, if requested.</li> </ul>



18.	Warranty	18.1	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 PE, 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 United Republic of Tanzania.
		18.2	This warranty shall remain valid for a period specified in the SCC 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 a period specified in the SCC 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.
		18.3	The PE shall promptly notify the Supplier in writing or in electronic forms that provide record of the content of communication of any claims arising under this warranty.
		18.4	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 PE other than, where applicable, the cost of inland delivery of the repaired or replaced Goods or parts from EXW or the port or place of entry to entry to the final destination.
		18.5	If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the PE 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 PE may have against the Supplier under the Contract.
19.	Payment	19.1	The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.
		19.2	The Supplier's request(s) for payment shall be made to the PE in writing or in electronic forms that provide record of the content of communication, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC 13, and upon fulfillment of other obligations stipulated in the Contract.

		19.3	Payments shall be made promptly by the PE, within sixty (60) days after submission of an invoice or claim by the Supplier. If the PE makes a late payment, the Supplier shall be paid interest on the late payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the rate as specified in the SCC.
		19.4	The currency or currencies in which payment is made to the Supplier under this Contract shall be specified in SCC subject to the following general principle: payment will be made in the currency or currencies in which the payment has been requested in the Supplier's Tender.
		19.5	All payments shall be made in the currency or currencies specified in the SCC pursuant to GCC 19.4
20.	Prices	20.1	The contract price shall be as specified in the Contract Agreement Subject to any additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.
		20.2	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 Tender, with the exception of any price adjustments authorized in SCC or in the PE's request for Tender validity extension, as the case may be.
21.	Change Orders	21.1	The PE may at any time, by a written order given to the Supplier pursuant to GCC 22, make changes within the general scope of the Contract in any one or more of the following:
		a)	Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the PE;
		b)	The method of shipment or packing;
		c)	The place of delivery; and/or
		d)	The Services to be provided by the Supplier.
		21.2	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 PE's change order.



		21.3	Prices to be charged by the supplier for any related services that might be needed but which were not included in the Contract shall be agreed upon in advance by the Parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
22.	<b>Contract Amendments</b>	22.1	Subject to GCC 20, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
23.	<b>Assignment</b>	23.1	Neither the PE nor the Supplier shall assign, in whole or in part, obligations under this Contract, except with the prior written consent of the other party.
24.	<b>Subcontracts</b>	24.1	The Supplier shall consult the Procuring Entity in the event of subcontracting under this contract if not already specified in the Tender. Subcontracting shall not alter the Supplier's obligations.
		24.2	Subcontracts must comply with the provision of GCC 5.
25.	<b>Delays in the Supplier's Performance</b>	25.1	Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Entity in the Schedule of Requirements.
		25.2	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 Entity in writing or in electronic forms that provide record of the content of communication 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 Entity 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.
		25.3	Except as provided under GCC 28, 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 26, unless an extension of time is agreed upon pursuant to GCC 25.2 without the application of liquidated damages.

26.	<b>Liquidated Damages</b>	26.1	Subject to GCC Clause 28, 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 Entity 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 performance security specified in SCC. Once the said maximum is reached, the Procuring Entity may consider termination of the Contract pursuant to GCC Clause 26.	
27.	<b>Termination for Default</b>	27.1	The Procuring Entity or the Supplier, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the concerned party may terminate the Contract if the other party causes a fundamental breach of the Contract.	
		27.2	Fundamental breaches of Contract shall include, but shall not be limited to the following:	
			a)	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 Entity pursuant to GCC Clause 24; or
			b)	the Supplier fails to perform any other obligation(s) under the Contract;
			c)	Supplier's failure to submit performance security within the time stipulated in the SCC;
			d)	the supplier has abandoned or repudiated the contract.
			e)	The Procuring Entity or the Supplier is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
			f)	a payment is not paid by the Procuring Entity to the Supplier after 84 days from the due date for payment;
			g)	the Procuring Entity gives Notice that goods delivered with a defect is a fundamental breach of Contract and the Supplier fails to correct it within a reasonable period of time determined by the Procuring Entity; and
			h)	If the Procuring Entity determines, based on the reasonable evidence, that the Supplier has engaged in corrupt, coercive, collusive, obstructive or fraudulent practices, in competing for or in executing the Contract
			For the purpose of this clause:	

			<p>"corrupt practice means the offering, giving receiving or soliciting of anything of value to influence the action of a public officer in the procurement process or contract execution;</p> <p>"coercive practice" means impairing or harming, or threatening to impair or harm directly or indirectly, any party or the property of the party for the purpose of influencing improperly the action or that party in connection with public procurement or in furtherance of corrupt practice or fraudulent practice;</p> <p>"collusive practices" means impairing or harming, or threatening to impair or harm directly or indirectly, any part or the property of the Party for the purpose of influencing improperly the action or a part or in connection with public procurement or government contracting or in furtherance of a corrupt practice or a Fraudulent Practice</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 Procuring Entity and includes collusive practices among Suppliers, prior to or after submission designed to establish tender prices at artificial non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition;</p> <p>"obstructive practice" means acts intended to materially impede access to required information in exercising a duty under this Contract;</p>
		27.4	<p>In the event the Procuring Entity terminates the Contract in whole or in part, pursuant to GCC Clause 26.1, the Procuring Entity 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 Entity for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.</p>



28.	<b>Force Majeure</b>	<p data-bbox="491 192 1458 387">28.1 Notwithstanding the provisions of GCC Clauses 25, 26, and 27, neither Party shall have any liability or be deemed to be in breach of the Contract for any delay nor is other failure in performance of its obligations under the Contract, if such delay or failure is a result of an event of Force Majeure.</p> <p data-bbox="571 427 1458 929">For purpose of this clause, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent</p>
		<p data-bbox="491 943 1458 1393">28.2 If a Party (hereinafter referred to as "the Affected Party") is or will be prevented from performing its substantial obligation under the contract by Force Majeure, it shall give a Notice to the other Party giving full particulars of the event and circumstance of Force Majeure in writing or in electronic forms that provide record of the content of communication of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity in writing or in electronic forms that provide record of the content of communication, 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.</p>

29.	Termination for Insolvency	29.1	The Procuring Entity 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 Entity.	
30.	Termination for Convenience	30.1	The Procuring Entity, 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 Entity's convenience, the Contract is terminated, and the date upon which such termination becomes effective.	
		30.2	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 Entity at the Contract terms and price. For the remaining Goods, the Procuring Entity may elect:	
			a)	To have any portion completed and delivered at the Contract terms and prices; and / or
			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.
31.	Disputes Resolution	31.1	In the event of any dispute arising out of this contract, either party shall issue a notice of dispute to settle the dispute amicably. The parties hereto shall, within twenty eight (28) days from the notice date, use their best efforts to settle the dispute amicably through mutual consultations and negotiation. Any unsolved dispute may be referred by either party to an adjudicator nominated by the appointing Authority specified in SCC.	
		31.2	After the dispute has been referred to the adjudicator, within 30 days, or within such other period as may be proposed by the Parties, the Adjudicator shall give its decision. The rendered decision shall be binding to the Parties.	
		31.3	If either Party is dissatisfied with the Adjudicator's decision may, within days specified in the SCC refer the dispute for arbitration. If either party within the period mentioned in the SCC has not referred the matter for arbitration the decision shall become final and binding to the Parties.	



32.	Procedure for Disputes	32.1	The arbitration shall be conducted in accordance with the arbitration procedure published by the Institution named and in the place shown in the SCC.
		32.2	The rate of the Adjudicator's fee and administrative costs of adjudication shall be borne equally by the Parties. The rates and costs shall be in accordance with the rules of the Appointing Authority. In conducting adjudication to its finality each party shall bear its incurred costs and expenses.
		32.3	The arbitration shall be conducted in accordance with the arbitration procedure published by the institution named and in the place shown in the SCC.
33.	Replacement of Adjudicator	33.1	Should the Adjudicator resign or die, or should the Employer and the Supplier agree that the Adjudicator is not functioning in accordance with the provisions of the contract, a new Adjudicator will be appointed by the Appointing Authority.
34.	Limitation of Liability	34.1	Except in cases of criminal negligence or willful conduct, and in the case of infringement pursuant to GCC 8,
		a)	The supplier shall not be liable to the Procuring Entity, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Procuring Entity; and
		b)	The aggregate liability of the Supplier to the Procuring Entity, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment or to any obligation of the Supplier to indemnify the Procuring Entity with respect to patent infringement..
35.	Notices	35.1	Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or in electronic forms that provide record of the content of communication and confirmed in writing or in electronic forms that provide record of the content of communication to the other party's address specified in SCC.
		35.2	A notice shall be effective when delivered or on the notice's effective date, whichever is later.
36.	Taxes and Duties	36.1	A foreign Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the United Republic of Tanzania.
		36.2	If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the United Republic of Tanzania the Procuring Entity shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

		36.3	A local Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Procuring Entity.
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## **SECTION V: SPECIAL CONDITIONS OF CONTRACT**

## Special Conditions of Contract (SCC)

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

SCC Clause Number	GCC Clause Number	Amendments of, and Supplements to, Clauses in the GCC
	<b>Definitions (GCC 1)</b>	
1.	1.1(j)	The Purchaser is: Mbeya Zonal Referral Hospital, P. O. Box 419, Mbeya, Tanzania.
2.	1.1(p)	The Supplier is: KAS MEDICS LIMITED
3.	1.1(q)	The Project is: Tender for supply ,installation ,testing ,commissioning and training of medical equipment  Contract No. ME/007/MBY/2021- 2022 /G/1
	<b>Governing Language (GCC 4)</b>	
4.	4.1	The Governing Language shall be: English
	<b>Applicable Law (GCC 5)</b>	
5.	5.1	The Applicable Law shall be: Laws of the United Republic of Tanzania
	<b>Country of Origin (GCC 6)</b>	
6.	6.1	Country of Origin is: N/A
	<b>Performance Security (GCC 10)</b>	
7.	10.1	The amount of performance security, as a percentage of the Contract Price, shall be: Ten percent (10%) of the Contract Price in the form of Unconditional Bank Guarantee
8.	10.4	After delivery and acceptance of the Goods, the performance security shall be reduced to two (2) percent of the Contract Price to cover the Supplier's warranty obligations in accordance with GCC 18.2.

	<b>Inspections and Tests (GCC 11)</b>	
9.	11.1	<p>Inspection and tests prior to shipment of Goods and at final acceptance are as follows:</p> <p>Quality and quantity inspection shall be carried out prior to shipment of Goods by the manufacturer(s) at the supplier's own expense and responsibility in terms of the items specified in the specifications. The supplier shall submit the inspection certificate issued by himself which should be attached with the certificate(s) of the manufacturer(s) to the PE in order to ensure that the goods are manufactured in compliance with the contract.</p>
	<b>Packing (GCC 12)</b>	
10.	12.2	<p>The following SCC shall supplement GCC 12.2:</p> <p>The Goods shall be packed properly in accordance with standard export packing specified by the PE in the Technical Specification.</p>
	<b>Delivery and Documents (GCC 13)</b>	
11.	13.1	<p>For Goods supplied from abroad:</p> <p>Upon shipment, the Supplier shall notify the Purchaser and the Insurance Company by cable the full details of the shipment, including Contract number, description of Goods, quantity, the vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, etc. The Supplier shall mail the following documents to the Purchaser, with a copy to the Insurance Company:</p> <ul style="list-style-type: none"> <li>(i.) One original plus four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;</li> <li>(ii.) original and four copies of the negotiable, clean, on-board bill of lading marked "freight prepaid" and four copies of nonnegotiable bill of lading;</li> <li>(iii.) One original plus four copies of the packing list identifying contents of each package;</li> <li>(iv.) Insurance certificate;</li> <li>(v.) Manufacturer's or Supplier's warranty certificate;</li> <li>(vi.) inspection certificate, issued by the nominated inspection agency, and the Supplier's factory</li> </ul>



		<p>inspection report; and</p> <p>(vii.) certificate of country of origin issued by the chamber of commerce and industry or equivalent authority in the country of origin in duplicate..</p> <p>The above documents shall be received by the PE at least one week before arrival of the Goods at the port or place of arrival and, if not received, the Supplier will be responsible for any consequent expenses.</p>
12.	13.3	<p><b>For Goods from within the United Republic of Tanzania:</b></p> <p>Upon delivery of the Goods to the transporter, the Supplier shall notify the PE and mail the following documents to the PE:</p> <p>(i.) one original plus four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;</p> <p>(ii.) delivery note, railway receipt, or truck receipt;</p> <p>(iii.) Manufacturer's or Supplier's warranty certificate;</p> <p>(iv.) inspection certificate issued by the nominated inspection agency, and the Supplier's factory inspection report; and</p> <p>(v.) certificate of country of origin issued by the Tanzania Chamber of Commerce, Industry and Agriculture or equivalent authority in the country of origin in duplicate.</p> <p>The above documents shall be received by the PE before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.</p>
	<b>Insurance (GCC 14)</b>	
13.	14.1	The Insurance shall be in an amount equal to 110 percent of the CIF or CIP value of the Goods from "warehouse" to "warehouse" on "All Risks" basis, including War Risks and Strikes.
	<b>Incidental Services (GCC 16)</b>	
14.	16.1	Incidental services to be provided are: <b>Not Applicable</b>
	<b>Spare Parts (GCC 17)</b>	

15.	17.1	<p>Additional spare parts requirements are: <b>Not Applicable</b></p> <p>Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods. Other spare parts and components shall be supplied as promptly as possible, but in any case within six (6) months of placing the order and opening the letter of credit.</p>
	<b>Warranty (GCC 18)</b>	
16.	18.2	<p>In partial modification of the provisions, the warranty period shall be twelve (12) months from date of acceptance of the Goods. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either:</p> <p>(a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC 4,</p> <p>or</p> <p>(b) pay liquidated damages to the PE with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be 0.20 per cent per day of undelivered materials/goods value up to the sum equivalent to the amount of ten percent of the contract value.</p>
17.	18.4 & 18.5	The period for correction of defects in the warranty period is: one (1) day from the date of notification received from the purchaser
	<b>Payment (GCC 19)</b>	
18	19.3	<p>Payment for Goods and Services supplied from within the United Republic of Tanzania:</p> <p>Payment for Goods and Services supplied from within the United Republic of Tanzania shall be made in Tanzanian Shillings, as follows:</p> <p>(i) Advance Payment: 65% of the contract price after signing the contract</p> <p>(ii) On Acceptance: 35 percent of the Contract Price shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate for the respective delivery issued by the PE.</p>

19.	19.4	Rate to be used for paying the Supplier's interest on the late payment made by PE shall be: Not Applicable
	Prices (GCC 20)	
20.	20.1	Prices shall be adjusted in accordance with provisions in the Attachment to SCC; Not Applicable
	Liquidated Damages (GCC 26)	
21.	25.1	Applicable rate: 0.15% of the contract sum per day of undelivered materials' value.  Maximum deduction: is equal to the performance security.
	Procedure for Dispute Resolution (GCC 32)	
23.	32.3	Arbitration institution shall be Tanzania Institute of Arbitrators  Place for carrying out Arbitration: Dar es Salaam, Tanzania
24.	33.1	Appointing Authority for the Adjudicator: Tanzania Institute of Arbitrators
	Notices (GCC 35)	
26.	35.1	PE's address for notice purposes Executive Director Mbeya Zonal Referral Hospital P.O. Box 419, Mbeya Tanzania  Supplier's address for notice purposes: <i>Kas Medics Limited,</i> <i>P.O.BOX 7856,</i> <i>Dar Es Salaam.</i>

THE UNITED REPUBLIC OF TANZANIA

MINISTRY OF HEALTH, COMMUNITY DEVELOPMENT, GENDER, ELDERLY AND CHILDREN

Cable referral hospital

Telephone: 2503456/2503351  
Fax: 2503577



MBEYA ZONAL REFERRAL HOSPITAL  
P O BOX 419

MBEYA

Please quote:

Ref. No. MZRH/AD.121/345/02/F.

21<sup>th</sup> December 2021

*Kas Medics Limited,*

*P.O.BOX 7856,*

*Dar Es Salaam.*

RE: ACCEPTANCE OF TENDER NO. ME/007/MBY/2021-2022/G/1

This is to notify you that your Tender dated 26<sup>th</sup> November 2021 for execution of the Supply, Installation, Testing, Commissioning and Training Of Medical Equipment Tender No. ME/007/MBY/2021-2022/G/1 for the Contract Price of the equivalent of 182,748,000/= Tanzanian shillings for Iringa RRH, 438,230,000/= Tanzanian shillings for Mbeya RRH, 347,262,000/= Tanzanian shillings For Mbeya ZRH, 231,292,500/= Tanzanian shillings for Njombe RRH, 403,296,000/= Tanzanian shillings for Songea RRH, 388,936,000/= Tsh For Songwe RRH and 450,865,000/= Tanzanian shillings For Sumbawanga RRH, as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by us.

We hereby confirm Tanzania Institute of Arbitrators to be the Appointing Authority, to appoint the adjudicator in case of any arisen disputes in accordance with ITT 44.1

You are hereby informed that after you have read and return the attached draft Contract the parties to the contract shall sign the vetted contract within fourteen (14) working days.

Your faithfully,

Dr. Mbwangi, G.F

Executive Director  
Mbeya Zonal Referral Hospital  
P. O. Box 419  
Mbeya - Tanzania

EXECUTIVE DIRECTOR

*All communication should be addressed to Executive Director*



## SECTION VI: SCHEDULE OF REQUIREMENTS

## SCHEDULE OF REQUIREMENTS

### SUMBAWANGA REGIONAL REFERRAL EQUIPMENTS HOSPITAL

#### ICU

ITEM #	ITEM	UoM	QTY		
1	ICU Beds with CPR capability	EACH	12	6,547,500	78,570,000
2	Portable mechanical ventilator-infant- adult	EACH	2	28,000,000	56,000,000
3	Fluid warmer	EACH	3	4,800,000	14,400,000
4	Nebulization masks with tubing (pediatric and adult sizes)	EACH	15	250,000	3,750,000
5	Stretchers and gurneys (wheeled stretchers)	EACH	4	2,400,000	9,600,000
6	Voltage stabiliser	EACH	4	1,450,000	5,800,000
7	Crash Trolley (cart)	EACH	3	1,500,000	4,500,000
					172,620,000
<b>EMD</b>					
1	Autoclave (electric or non-electric) and supplies	EACH	2	910,000	1,820,000
2	Refrigerator with thermometer	EACH	1	4,900,000	4,900,000
3	Portable mechanical ventilator-infant- adult	EACH	6	28,000,000	168,000,000
4	Heavy duty Stretchers and gurneys (wheeled stretchers)	EACH	6	2,500,000	15,000,000
5	Suction device: manual (bulb) or foot pump	EACH	3	570,000	1,710,000
6	Tension or traction splint (e.g. hare splint)	EACH	6	700,000	4,200,000
7	Ultrasound machine with abdominal, linear and cardiac probe	EACH	1	62,720,000	62,720,000
8	Voltage stabiliser	EACH	6	1,500,000	9,000,000
9	Automated external defibrillator	EACH	1	3,395,000	3,395,000
10	Crash Trolley (cart)	EACH	5	1,500,000	7,500,000
					278,245,000

**Total cost of equipments for both ICU and EMD is 450,865,000/= Tanzanian Shillings**

#### **DELIVERY PERIOD:**

Delivery period for goods in all lots shall be within four (4) months from the date of signing of contract / issuing of purchase order.

## SECTION VII: TECHNICAL SPECIFICATIONS

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	Equipment Description	Technical specifications	COMPLY/ NOT COMPLY
1	ICU Beds	<p>Fully Motorized ICU Bed) 5 Section PP Tops, 125mm Twin Wheel Castors. Central Locking Mech., Rubber Buffers at 4 corners Handset , ACP Box, Battery Back Up, SMPS Bed Extension, Linen Holder, Night Lamp, Angle Indicator. Polymer</p> <p>-Moulded Head and Foot Panels (Removable)</p> <p>- Polymer Moulded Split Safety Rails (2 sets)</p> <p>Urine Bag Holder (Single)</p> <p>S.S Heavy Duty I.V. Pole (2 hooks)</p> <p>Premium mattress, single section, 4". with wave shape on both sides, High quality, high density, flame retardant foam and cover fabric having flame retardant, antibacterial, antiskid properties</p> <p>Mattress for Bed Extension</p>	
2	Ventilator	Should have facility for Invasive and Non-Invasive ventilation	
		Microprocessor Control suitable for Pediatric and Adult ventilation Electromagnetic Compatible Hinged arm holder for holding the circuit Should have built-in touch colour screen TFT display of minimum 10 inches or more for display of waveforms and Monitored value. <b>Five years comprehensive Maintenance inclusive.</b>	
		Should have in-built facility to upgrade with EtcO2	
		Facility to Measure and Display: Status Indicator for ventilator mode Battery Indication Alarm Setting Automatic compliance and leakage compensation for circuit and ET Tube Should have facility of log book, for events and alarms with date and time	
		Should have the following settings: Tidal volume (Minimum at least 50ml, Maximum up to 2000ml) Inspiratory Pressure (up to 80cm of water) Respiratory rate 1 to 80 bpm	
		Apnea back up rate CPAP/PEEP Pressure support FiO2 Pause Time Pressure and Flow Trigger Inspiratory Flow up to 120bpm Monitoring and Display of the following Parameters: Airway Pressure ( Peak and Mean) Tidal Volume (Inspired and Expired) Minute Volume (Inspired and Expired) Respiratory mechanics, Spontaneous Minute Volume Total Frequency, FIO2 dynamic, Intrinsic PEEP, Plateau Pressure, Resistance and Compliance.	
		Use selector Alarm for all measured and monitored parameters, Occlusion Pressure and Pressure Flow and Volume curves.	



		Modes of Ventilation equipped with newer modes of ventilation: Assist Control, Volume Control, Pressure Control SIMV with pressure support (Pressure and Volume control) PEEP Inverse ratio Ventilation Non invasive ventilation - BIPAP, CPAP. Apnea Ventilator, user selectable, volume and pressure control Should have built-in safety alarms for Airway Pressure High and Low, Minute volume, High and Low, Power Failure, Low oxygen, High Respiratory Rate, Air Source in-operable. Should have in-built exhalation filter	
		Humidifier: Servo controlled heated Respiratory Humidifier Temperature of delivered Gas on LED display	
		Temperature should be adjustable Jar should be autoclavable Nebulization assembly compatible with ventilator and circuit.	
		Should have interface facility Flow sensor	
		should have life more than 1 year Expiratory Unit- life	
		should be more than 3 years Data storage facility for at least 24 hours Internal rechargeable battery at least 30 minutes backup.	
		Supplied complete with compatible UPS and all standard accessories.	
		Power Supply: 220 - 240V, 50Hz	
		Modular & Suitable for Adult/Pediatric/ Patients monitoring Minimum 15 inches multi colour TET display screen. <b>Five years comprehensive Maintenance inclusive.</b>	
		Eight Channel digital and waveforms/traces display.	
3	Monitor	Capability of storage of patient data and printing of patient report. :	
		Facility to monitor and display:-ECG, Respiration, NIBP, SpO2, EtCO2 and	
		Temperature. ECG	
		Multichannel (up to 12 lead) ST segment analysis.	
		3 or 5 lead with cascade waveform facility.	
		Monitoring, Diagnostic & OT modes of monitoring ECG lead Simultaneous Multi - lead ECG monitoring of 7 ECG lead. HR range 20-350 bpm.	
		HR/PR Source selection facility from Automatic, SpO2 IBP and NIBP PULSE OXYMETRY: Display of	
		Plethysmograph with Pulse strength indicator & SpO2 values and perfusion index.	
		SpO2 range 1 - 100% and PR Range 20 - 230 BPM	

4	ECG	Electrocardiogram (ECG) digital monitor and recorder, 12-leads detection, multi-channel recording, portable, AC and battery powered, with printer and accessories. <b>Five years comprehensive Maintenance inclusive.</b>	
		ECG diagnostic monitor and recorder with printer ECG analysis and full interpretation (rhythm and events), real-time and manual.6-channels recording.	
		ECG Features: 12 standard derivations aVR, aVL, aVF, I, II, III, and V1 - V6	
		Simultaneous 12-leads acquisition adjustable ECG acquisition and visualization modes ECG gain 2.5, 5, 10, 20 mm/Mv and Auto, accuracy $\pm 5\%$	
		Adjustable ECG sweep (trace speed in mm/s) HR range 30 - 300 bpm with rhythm analysis Common Mode Rejection Ratio (CMRR) $> 89$ dB.	
		Frequency response (minimum guaranteed) 0.05 - 159 Hz, accuracy of input signal reproduction $\pm 5\%$ , calibration signal 1 mV $\pm 5\%$ Input Impedance $> 2.5$ MOhm or $> 50$ MOhm.	
		Internal noise level $< 15$ mV (p-p).	
		Leakage current to patient $< 10$ micro A With integrated keyboard, built-in printer with thermal printing head.	
		Built-in rechargeable battery, autonomy $> 2.5$ hours or 800 examinations.	
		Automatic switch to battery in case of power failure and automatic recharge on connection to mains.	
		ITEMS SUPPLIED WITH: 1 x patient cable 6 x reusable chest electrodes, suction ball type.	
		4 x reusable clamp electrodes 1 x supply of 960 thermal Z-folded sheets 300ml of ECG conductive gel	
		1 x spare rechargeable battery pack Power Input: 240 VAC, 50Hz	
5	Portable ultrasound	Complete with vascular, cardiac and curvilinear probes and Jelly for use in Ambulance and in the Emergency Room. <b>Five years comprehensive Maintenance inclusive.</b>	
		Capable of generating imaging procedures involving lungs, heart, abdomen, pelvis, blood vessels, musculoskeletal and soft tissue.	
		<b>CONSOLE:</b> Laptop style console design, optional touch screen combined with conventional user control panel	
		<b>Battery Duration:</b> minimum 2 hours under normal use conditions Supplied complete with clear protective control panel cover for infection control. Imaging Focusing:	

		Adjustable focal depth, synchronization of focal zone to the selected scanning depth.	
		<b>Zooming Capability with automated image optimization.</b>	
		<b>Image Orientation:</b>	
		Capable of lateral and vertical Inversion (in B-mode) Image Modes: 2D Imaging, M-Mode, B/M mode, Dual 2D/Colour Imaging mode with Cine loop.	
		Doppler, Colour Doppler Imaging (CDI), Power Doppler Imaging (PDI), Duplex, Continuous wave Doppler, Triple mode (optional)	
		Software Application that include at least: Obstetrics/Gynecology measurements and calculations, including gestational sac mean, mean sac diameter, femur length, crown-rump length, biparietal diameter and abdominal circumference, enabling estimation of gestational age.	
		Vascular/basic cardiac quantification Measurements capability (distance, area and circumference by ellipse and trace method) Equipment with write-zoom function available Screen annotations capture patient data, date and time, scanning	
		protocols, probes. Monitor and Display: High Definition (HD) digital black and white and colour liquid crystal display (LCD) monitor of at least 25 cm diagonal (across), with reflection filter.	
		Broadband Curvilinear transducer of at least 5-2 MHz and 12-5 MHz transducer Power Supply: 220 - 240V, 50 Hz	
6	Blood gas analyzer	<ul style="list-style-type: none"> <li>• Portable</li> <li>• Sample volume 110µl</li> <li>• Result in one min after sample aspiration</li> <li>• Power supply -220v with rechargeable battery at least 42mAh</li> <li>• At least 10 parameter pH, pO<sub>2</sub>, pCO<sub>2</sub>, Na, K, Ca, Cl, Glu, Lac and Hct</li> </ul>	
7	Suction machine	<p>The machine shall be portable on four wheels and with a handle for transportation. The suction pump must be totally oil-free diaphragm type.</p> <p>Must have maintenance free pumps of international design for continuous use Motor shall be of Class "F" insulation to operate in ambient temperature to withstand up to 50oC, with thermal cut-outs Able to produce minimum vacuum of 700mm Hg and which must be adjustable and monitored by vacuum gauge of suitable range.</p> <p>The suction capacity must be 25 liters per minute and can be regulated It must have two bottles of 2l each. Each made of unbreakable polycarbonate with ABS Lid with float</p>	



		(overflow control device) The jars must be graduated in cc levels.	
		The suction bottles shall be autoclavable On/Off Switch and power indicator must be available. Shall provide foot switch.	
		Base, top and panel made of rust proof and corrosion resistant moulded ABS.	
		<b>Accessories:</b>	
		Spare bottles: 02nos, Lid: 02nos, Rubber Seals: 02nos, Blades: 02nos, Suction	
		Tubing set at least 5metres: 02nos,	
		Spare fuse: 01 set and Bacterial filter: 05 nos.	
		Supplied complete with all standard accessories Power Supply: 220 - 240 V, 50Hz	
8	Crash Cart trolley	Made of aluminium and high density polyethylene 5" castors standard with five drawers Drawers made of aluminium composite and high density polyethylene Built-in Security Rail Top corrosion resistant, high density polyethylene 5 4 qt Sharps Dispenser with mount which can be mounted on left or right along with waste container Mount made of high density polyethylene Waste Container with Mount which can be mounted on left or right side along with sharps dispenser Mount made of high density polyethylene Crash Cart Handle: Made of high density polyethylene 360 degree Locking Defibrillator Mount with Security Straps: Holds up to 15lbs. Made of high density polyethylene Crash Cart Cardiac Board: Made of high density polyethylene: Made of high density polyethylene Oxygen Tank Mount with Security Straps: Made of high density polyethylene. Holds sizes D & E oxygen tanks Telescoping I.V. Pole with Mount: Two loop design. Extends to a maximum of 72 inches Breakaway Drawer Locks: Individual drawers or gang lock for all drawers available Features Delivered fully assembled, no tools required Top constructed of solid high density polyethylene 100% Total Replacement Lifetime Guarantee 31 x 42 x 24 inches (width, height depth). 88 pounds Lightweight aluminium composite construction Multiple accessories available for any application 5" enclosed high compressive nylon rubber castors Adjustable and customizable built in track system	
9	Laryngoscope set	3 Set for Adults and 2 Sets for Children (Marc and Miller	



		Type) Large hollow, cylindrical, slightly ribbed handle. Handle made of either Chromium plated or Stainless Steel	
		Can be opened to insert two batteries (type LR 14, size C, 1.5V) Stud contact, fitting various sizes and types of depressors With a set of four stainless steel depressors, with halogen bulb Marc. Type Curved Nr 2, length approx. 110mm Curved Nr 3, length approx. 135 mm Curved Nr 4, length approx. 155 mm Miller Type Straight Nr 1, length approx. 100 mm Supplied with: - 1 x Durable protective plastic box or padded vinyl case - 4 x Spare halogen bulb (one for each depressor) - 2 x Dry cell, alkaline, "C" 1.5V	
10	Nebulizer	Electrical powered with accessories Portable, compressor driven nebulizer pump Easy to operate and sturdy design for use in demanding environment Cup capacity minimum 3ml to max 10ml Nebulization approximate 0.3 to 0.8 ml/min Residual Volume maximum 2ml Flow delivery range (under load) 0.5 to max 10 L/min Operating temperature +5 to +50° C Humidity up to 65% Power Supply 220 - 240V, 50Hz. 50W Supplied with: 1 atomizer body piece 1 pediatric reusable mouth piece 1 adult reusable mouth piece 2 air tubing 9mm diameter and 1 m length Dosage cup Reusable pediatric and adult masks	
11	Blood and fluid warmer	Fluid Temperature Range: 33 - 37°C Heat Transfer Method: Dry heat Time to heat from 23°C to usable range (33 - 37°C) : 30 - 40 minutes High Temperature protection set point: 37°C Temperature: Operation Mode: +5°C to +40°C Humidity: Operation Mode: -30% to 75% non-condensing Supply Voltage: Warmer, 15 VDC Power Supply: 220 - 240V, 50Hz	
12	Infusion Pump	One Channel at least Capable of accepting any kind o fluids ( solutions and medications) Pump Capabilities: Flow Range: 0 1 to > 999 ml/hr Increments: 0 1 - 100 ml/hr Keep Vein Open (KVO) Rate: 1 - 5 ml/hr Volume to be Infused Selector (VTBI): 1 - 9999 ml Flow Rate Accuracy of +/- 5% When multiple channel automatic piggybacking Ingress protection not less than IPX2 Front Panel lockout Self-check carried out on powering on Events Stored System: Log book Pause Infusion Facility required Anti-bolus System to reduce pressure on sudden release of occlusion IV Set Free-Flow Protection and Air Trapping Capability Needleless IV connection "Dose Error" reduction system preferable Drug library software available, including updates (free during warranty)	

		Air Bubble Detector with single and cumulative functions preferable Clearly	
		visible optical alarms Acoustic Alarm not less than 45Db	
		Real Time Display Availability of a Nurse call system connectable to a staff alerting system, 24V/0	
		2A static or dynamic preferable Continuous operation within specification in ambient temperature of at least 5 - 40oC, Relative humidity of at least 10 - 90% noncondensing	
		Monitored and Displayed Parameters (colour and graphic preferable) Flow Pressure Dose Availability of software to monitor the delivery of drugs preferable Alarms Audible alarm required with volume control Momentary silence less than 2 min	
		Occlusion upstream and downstream Air in line and System malfunction Set loaded improperly and Door Open Infusion Complete and Loss of mains power Low Battery and Clinical Advisory Messages Consumables labeled "single use" Compatible Administration Set: 100	
		Compatible Administration Sets micro-bore and macro-bore: 100 Compatible long Administration Sets both micro-bore/small and macro-bore or long extension sets: 100 Accessories, Clamp for mounting pump on IV stand Clamp for external transportation preferable Portability Data port required, at least RS 232 and/or USB interface Long analysis software and updates provided	
		Wireless connectivity	
		Event log required and recording Software to diagnose and calibrate the equipment with access to calibration settings Power Supply Operates from AC mains power: 220 - 240V, 50Hz In-built rechargeable battery	
		Battery with operating time at least 4 hours at 25 ml/hr Automatic switch from AC mains power mode to battery operating mode and vice versa	
		Total re-charging time not greater than 6 hours	
	13	Syringe pump	Microprocessor controlled programmed syringe pump Programming: Up to 99 steps of speed and time' Time Resolution: 0 to 999 minutes in 1 minute steps Time Resolution can be selected individually for each program step Accuracy: +/- 1% Reproducibility: +/-0.2% Syringes: Glass, plastic, Metal syringes from 5 micro-liter to over 150ml Flow Rate Range: Depends on the inner syringe diameter 0.4nl/min with a 5ml syringe to 110ml/min with a 150ml syringe
			Maximum Force: 300N reducible by a switch to 80N Motor: Microprocessor controlled brushless long-life BLDC motor with Neodymium magnets Transmission: Efficient force

		transmission by a ball screw with highest mechanical load capacity of 12,000N Pusher Travel: 120mm Pusher Travel Rate: Minimum: 0	
		08 mm/min Maximum: 80 mm/min Speed Control Range: 0 to 999 Non-volatile Memory: Storage of all settings Power Supply: 220 - 240V, 50Hz Interface: RS-485 or RS-232 automatic valve control Remote Control: 0 - 10V Operation Temperature: 0 - 40°C Operation Humidity: 0 - 90% RH not condensing	
14	Portable Hand held Pulse oximeter	<p>Patient Range: Adult, Pediatrics and Neonatal patients High Resolution, 2.4" colour display Visual and sound alarms Uses AA size alkaline or rechargeable batteries <b>Digital SpO2</b> Range: 0 - 100% Resolution: 1%, Accuracy: 70% to 100% +/-2% Refreshing Rate: &lt; 13 seconds Pitch Tone: Yes</p> <p>Pulse Rate Range: 25 - 250 bpm Resolution: 1 bpm, Accuracy: +2% or +/-1 bpm Refreshing Rate: &lt; 13 seconds</p> <p>Display: Type: 2.4" colour display 320 x 240 pixels Parameter Digital SpO2, Pulse Rate, Pleth bar and SpO2 waveform</p> <p><b>Alarm</b> Audible alarm, audible button tone Supports Pitch Tone and multi-level volume</p>	
15	Central Monitoring Station 8 Channel	<p><b>General Description</b> Modular and Suitable for Adult/Paediatric/ Patient monitoring Minimum 15" multi-colour TET display screen Eight Channel digital and waveforms/traces display Capability of storage of patient data and printing of patient reports. <b>Five years comprehensive Maintenance inclusive.</b></p> <p>Parameters: Eight digital and waveforms/traces display Facilities to monitor and display ECG, Respiration, NIBP, Et CO2, SpO2 and Temperature ECG Multichannel (up to 12 lead) ST segment analysis 3 or 5 lead with cascade waveform facility Monitoring, Diagnostic and OT modes of monitoring of ECG Simultaneous Multi-lead ECG monitoring of 7 ECG lead</p> <p>Heart Rate (HR) Range: 2 - 350 bpm HR/PR Source selection facility from Automatic, SpO2 IBP and NIBP Automatic arrhythmia detection alarm for standard and lethal arrhythmia Pulse Oximetry Nellcor or Masimo technology Display of Plethysmograph with Pulse Strength indicator and SpO2 values and perfusion index SpO2 Range: 1 - 100% PR Range: 20 to 230bpm ET CO2 Should be Main stream capnography with display of CO2 and digital Values of EtCO2, FiCO2 and RR</p> <p>EtCO2 Range: 0 - 99 mmHg FiCO2 Range 0 - 20 mmHg Flow Rate: 50ml/min NIBP Measurement and display of systolic, diastolic and mean pressure values of NIBP</p>	



	measurement for Adult, Child and Neonate	
	Use selectable alarm settings: Mode: Manual, STAT (continuous 5 minute operation) and automatic (selectable time interval 2 - 90 minutes) Range: 20 - 250 mmHg Temperature Two channel and with two units (oC and o F ) selectable Temperature Range: 0 - 50oC	
	Option for differential temperature	
	Should be provided Respiration: RR range 1 - 150 bpm Apnea alarms should be provided Trends and Alarms 72 hours	
	Nonvolatile graphical/ tabular trends with zoom facility and separate dedicated trend for storing minimum 200 NIBP readings Should have Alarm recall facility for last 24 Alarm events with date, time and message	
	Should have facility to print Graphical trend, tabular trend and alarm recall	
	Recorder In-built dual channel thermal array recorder	
	Include Laser Printer and dual channel strip chart recorder Others Defibrillator and Cautery protection should be provided	
	Should work on Mains as well as Battery (backup for 2 hours) Automatic zoom in facility in the monitor display	
	Should have facility to download trend data on USB and SD Card Supplied complete with all standard accessories and consumables that will enable the machine to operate	
	Power Supply: 220 - 240V, 50 Hz	
	CENTRAL STATION Central Station should have facility to display up to 20 real time waves at a time and upgradable	
	Central Station should have separate patient window for viewing detailed real-time or stored data for individual patient	
	It should have 24 hr stored patient data monitoring trends and 24 hr event review facility	
	The Central Nurse Station should also have the following: - Multi-lead arrhythmia and ST review facility - 50 alarms strips storage per bed - Offer wave review with 24 hr full disclosure - Optional facility for dual display for detailed analysis of individual bed without compromising on full ICU monitoring	
	Facility for interfacing Holter data for analysis, in case of the Holter from the same brand is available	
	Export the ICU Patient data to Holter for analysis	
	Remote display (Slave) facility should be available	
	Real time recording thru Dual Channel Recorder	



		Facility for interfacing a laser printer for printing patient information and trend formats	
		Advanced arrhythmia analysis package of at least 20 arrhythmia analysis	
		12 lead ECG Monitoring and view possible at Central Nurse Station	
		Continuous full disclosure of up to 4 configurable waves per patient	
		Operate on Microsoft Windows NT workstation operating system	
		Supplied with 19" Flat Screen TFT display, Laser Printer and Recorder, UPS	
		- The entire networking and cabling with hardware Wall mounts	
		Power Supply: 220 - 240 V. 50Hz	
		Should be a Low Energy Biphasic defibrillator monitor with Recorder, having capability to deliver shocks from 2 Joules to 200Joules. <b>Five years comprehensive Maintenance inclusive.</b>	
		Should monitor ECG through paddles, pads and monitoring electrodes and defibrillate through pads and paddles	
16	Defibrillator	Should compensate for body impedance for a range of 25 to 150 ohms.	
		Should have charging time of less than 5 seconds for maximum energy.	
		Should have High resolution more than 8-inch colour display for viewing monitoring parameters like ECG, SpO2, NIBP and EtCO2 with 4 waveform capability of 4 seconds	
		Both Adult and Pediatric paddles should be available Should have event summary facility for recording and printing at least 55 events	
		Should have a battery capable of usage for at least 5 hours of monitoring	
		Should be capable of printing Reports on event summary, configuration, self-test, battery capacity etc. Should have facility for self-test/check before usage and set up function.	
		Should have facility to monitor parameters like SpO2, NIBP and etCO2 along with non-invasive pacing (Demand and Fixed mode) facility	
		Should be able to upgrade the defibrillator for 12 lead ECG monitoring and ECG transmission System	
		Configuration Accessories, spares and consumables:	
		Defibrillator with AED and external Pacemaker - 1pc Adult with built in Pediatric	

		External Paddles - 1pc Patient Cables - 1pc ECG Rolls 50 Adult SpO2 reusable Sensor - 1pc Adult NIBP Cuff and Hose - 1pc EtCO2	
		Tubing (box of 20) -1 box AED Multifunction Pads for Adults - 10 pairs with Each unit.	
		The unit shall be capable of operating continuously in ambient temperature of 5 to 45oC and relative humidity of up to 95%	
		Shall meet General Requirements of safety for Electromagnetic Compatibility.	
		Power Input: 240 VAC, 50Hz	
17	Wall mounted otoscope	<p>Illumination: Pressurized halogen lamp Image Resolution: 1280 x 1024 pixels Connection/Interface: USB 2.0 with 3m cable System Requirements: Windows XP Service Pack Electrical Rating: Lamp 3.5V DC, 810mA USB: 5V DC, 150mA Focal length:114mm and Magnification:2.2X Constructed from ABS and Acrylic Plastic or Stainless Steel Automatic Image Brightness and white balancing for optimal image</p> <p>quality Supplied complete with Charger</p>	
18	Wall mounted Ophthalmoscope	<p>Range of lenses not smaller than -20D to +29D with steps not greater than 1D. Anti-reflection lens Magnification: 12 - 15X Apertures: Small, Large and Semi Circle, Fixation Star Colour Temperature: Cool White in the range 3100 - 5500K Light Intensity: 8,000 - 12,000 lux. Dust free sealed optics and aspherical optical system Red-free, Blue, Green and polarization filters Handle with On/Off switch. Scratchproof lens: Glass or Plastic Batteries: AA or rechargeable. Battery life at least 5 hours of use on full charge or fresh batteries Accessories: Battery Charger (as applicable to rechargeable type only) Sufficient light bulbs for 3 years use. Rechargeable Battery 1.5V.</p>	
19	Instrument trolley	Stainless steel shelves and railings Available in full stainless steel/powder coated frame. Stainless steel bottom and top shelves with railing on top shelf Frame Mounted on 100 mm diameter wheels Overall Size: L 710 mm x W460 mm x H830 mm	
20	Adjustable Mayo table	<p>Made of stainless steel with removable top tray</p> <p>Height adjustable by foot 75 mm swivel castors Dimensions: Width 60 cm, Depth 40 cm and Height 120 - 130 cm</p>	

21	x-ray viewer	<ul style="list-style-type: none"> <li>• Dimensions(mm): 850x500x39mm</li> <li>• Film: 14 x 17"</li> <li>• View area: 730x442mm</li> <li>• Lamp: CCFL 12pcs</li> <li>• Luminance: 12,000lux or more</li> <li>• Power consumption: 60W</li> <li>• Power: 220VAC 50/60HZ</li> <li>• Life Time: over 80,000hr</li> <li>• Film Clipping: Spring Roller or similar</li> </ul>	
22	Digital Mobile X-ray	<p>This Machine should be able to provide a minimum of 300 images per day. Should have a high frequency generator of 50-150KW, Automatic exposure device, Anatomical programming radiography, overloading protection feature, digital display of KV and mAs. X-Ray tube should be Floor stand mounted.</p> <p>Axis should rotate 360 degree</p> <p>Five years comprehensive Maintenance inclusive.</p> <p>High speed rotating anode and exposure should be 50 – 150KV and 0-600mA. Heat strength capacity of the anode at least 150,000HU.</p> <p>The digital detector (Two fixed Detectors) should be flat panel of latest technology.</p> <p>The digital workstation should have high speed processors, preview time of 5s or less.</p> <p>The workstation should provide basic functions for image processing and be compatible to other HIS</p> <p>Displayed Parameters: The console monitor should display patient ID, Exposure factors, warning sign and other important parameters.</p> <p>Components: Patient table: Mounted on heavy duty four castors with brakes to allow Longitudinal and lateral movement and better patient position. Floating table with up and down movement Table Size from 1800x800mm to 2200x800mm Patient weight: at least 150Kg Bucky wall stand: Height :1900mm</p> <p>Center Height Stroke Range from 400mm to 1600mm</p> <p>Source to image detector should include the range of 90cm to 125cm</p> <p><b>Detectors:</b></p> <p>Fixed Flat Panel Detectors</p> <p>Active Image Size at least 17inch x 17inch or 43cm x 43cm</p> <p>Pixel Size at least 140 micron</p> <p>Dimension : 460 x 460 x 15mm</p> <p>Dust cover for control unit to be supplied.</p> <p>Protection against insect and rodent ingress to be</p>	

incorporated.

Electrical Requirements: Should meet Tanzania Electrical Standards (Voltage of between 220-240V with the standard frequency of 50Hz) with type G adaptor System.

Accessories: Multi-tray printer for different X-Ray film sizes (10 x 12, 14 x 14, 14 x 17, 10 x 8). Protective gear (lead apron minimum of 2 small, 2 medium and 2 large), Goggles (Minimum 1 small, 1 medium and 1 large). Gonad shield (minimum 2 small, 2 mediums, 2 large), neck collar shield (minimum of 1 small, 1 medium, 1 large), Gloves (Minimum 2 small, 2 medium and 2 large). Radiation hazards warning signs to be supplied with the machine. It should come with the Power Backup System with capacity of power storage for not less than 15 Minutes.

Radiation protective gears: X-ray should come with; (i) two (2) pairs of lead aprons with back protection 0.35/0.25mmPb. (ii) two (2) pairs of Thyroid Shield Model Classic 0.35mmPb (iii) two (2) pairs of Patient Apron with belt 0.50mmPb Leadlite W/G-30 L-30

Printer

Multi-tray printer for different X-Ray film sizes (10 x 12, 14 x 14, 14 x 17, 10 x 8).

Training, Installation and Utilization

Requirements for commissioning: Manufacturer/supplier should perform installation, safety and operation checks before handover. Acceptance tests to be specified and local clinical and technical staff to verify proper and full functioning of device.

Training of user/s: Application specialist shall provide training of users in operation and basic maintenance.

Warranty and Maintenance:

Five years comprehensive maintenance should include service, spare parts and labour starting from the day of the acceptance testing of the machine.

Lifetime support; spare parts, consumables should be available throughout the lifetime period of the machine.



		<p>Uptake time should be a minimum of 90%.</p> <p>Proof of locally available technical support personnel, including CVs and work permit for foreign personnel.</p> <p>Availability of technical personnel within the country should be stated; this should include CVs, work permits for foreign personnel.</p> <p>Software should be flexible and provide the room for upgrade to add new parameters to be measured by the Machine and report format.</p> <p>Documentation: Operating and service manuals (In English) including lists of important spares and accessories - with their part numbers and list of equipment and procedures required for calibration and routine maintenance should be provided. Documentation must also show recommended procedures for disposal and any probable hazards to the environment and/or community.</p> <p>Life span: Life span of the machine should be not less than 10 Years.</p> <p>Risk Classification: As per ISO 14971:2007- Application of risk management to medical devices.</p> <p>Regulatory Approval / Certification: TAEC, TBS and TFDA</p>	
23	Neonatal ventilator	<p>The Ventilator should be microprocessor controlled designed for neonatal use. There should be possibility to upgrade with additional features Continuous flow, pressure limited, time cycled ventilator design Ventilator modes: should have following modes available in the unit IMV/IPPV CPAP including non-invasive ventilation SIMV, SIPPV/Assist-control Volume targeted/guarantee mode of ventilation with ability to deliver and monitor tidal volume as low as 1-2ml (Range 2ml to 50 ml) Pressure support mode of ventilation Apnea back-up ventilation Should have integrated high resolution TFT medical grade screen (size 4") for real time display Scalar (Pressure, Flow and Volume against time) and loop (Pressure volume, volume flow and pressure-flow) pulmonary graphics Digital display of FIO<sub>2</sub>, Peak pressure, mean airway pressure, CPAP/PEEP, Expiratory tidal volume, expiratory minute volume, total frequency, spontaneous frequency, lung function monitoring Compliance, resistance, lung distention coefficient, (C20/C), Lung time constant, Rate volume ratio etc. Should have built-in logbook for recording events like various alarms.</p> <p>Integrated monitoring: Integrated volume and pressure monitoring i.e. monitoring of PEEP Pmax, Pmean and VT, VTspont, MV and MVleak. The volume monitoring should have NTPD to BTPS correction. Monitoring of ie, Frequency and Spont. Frequency Settings range: Trigger</p>	

		Flow/volume, leak adapted PIP 8 to 80cm of water PEEP/CPAP 0 to 25 mbar. <b>Five years comprehensive Maintenance inclusive.</b>	
		<p>I:E ratio 1:0 to 1:10 Inspired Time 0.1 to 2 sec  Expired Time 0.2 to 30-sec Frequency Up to 200  BPM Base Flow (VIVE) 1 to 30 LPM Synchronization  Patient synchronization Integrated blender for Oxygen 21 %  to 100% Integrated nebulization facility Integrated screen for  display of Pressure-Time, Flow-Time and Volume-Time  curves Integrated monitoring of FiO2 Monitoring of flow: At  the Y piece with facility to activate it Audiovisual alarms  with advisory on-screen message: MV high/low, Apnea, tube  obstruction, FiO2, high/low high PIP, low PEEP/CPAP, fail  to cycle, gas supply low, power failure, ventilator  inoperative, alarm log book. The ventilator should have  automatic compensation for leakage and should monitor and  display leakages The ventilator should show trends of  important parameters viz. C,R, FiO2, MAP, etc for  evaluation of patient improvement Power Supply: 220 -  240V, 50Hz. <b>SCOPE OF</b></p> <p><b>SUPPLY</b> Ventilator on trolley with wheels and brake  facility Integrated medical air compressor Humidifier with  autoclavable chamber and complete with patient circuit  Circuit support arm Nebulization accessories (2 sets)</p>	
		Bacterial filters 50 sets Flow sensors 20 sets Oxygen cell and Oxygen connecting hose Air connecting hose Battery back- up (at least 30 minutes)	

24	Hemoglobinometer	<ul style="list-style-type: none"> <li>Parameter: Hemoglobin, HCT(Hematocrit) Principle: Optical reflectance</li> <li>Sample: Capillary or venous whole blood (13~15ul)</li> <li>Strip: H12 Hemoglobin Test Strip</li> <li>Speed: <math>\leq 10</math> seconds</li> <li>Measuring Range: 4.0g/dL~25.6g/dL(g/L optional)</li> <li>Memory: 1200 test results</li> <li>Automatization: Self-checking, auto-judging and displaying malfunction</li> <li>Power: DC 6V(Two CR2032 Batteries)</li> <li>Precision: CV&lt;5%,testing samples including high, medium &amp; low concentration, the CV of 10</li> </ul>	
25	EMD Beds	<p>Fully Motorized ICU Bed) 5 Section PP Tops, 125mm Twin Wheel Castors. Central Locking Mech., Rubber Buffers at 4 corners Handset , ACP Box, Battery Back Up, SMPS Bed Extension, Linen Holder, Night Lamp, Angle Indicator.Polymer ----</p> <ul style="list-style-type: none"> <li>-Moulded Head and Foot Panels (Removable)</li> <li>- Polymer Moulded Split Safety Rails (2 sets)</li> <li>Urine Bag Holder (Single)</li> <li>S.S Heavy Duty I.V. Pole (2 hooks)</li> <li>Premium mattress, single section, 4", with wave shape on both sides, High quality, high density, flame retardant foam and cover fabric having flame retardant, antibacterial, antiskid properties</li> <li>Mattress for Bed Extension</li> </ul>	
26	Nasal Cannula (prongs)	Nasal cannula (nasal prongs), device designed for easy administration of oxygen into the patient nose through two small prongs placed in the nostrils. It 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. Made from soft and kink resistant polyvinyl chloride (PVC) material For Adult and Child use	
27	Wall mounted otoscope	<p>Illumination: Pressurized halogen lamp Image Resolution: 1280 x 1024 pixels Connection/Interface: USB 2.0 with 3m cable System Requirements: Windows XP Service Pack Electrical Rating: Lamp 3.5V DC, 810mA USB: 5V DC, 150mA Focal length:114mm and Magnification:2.2X Constructed from ABS and Acrylic Plastic or Stainless Steel Automatic Image Brightness and white balancing for optimal image</p>	
28	Wall mounted Ophthalmoscope	<p>Range of lenses not smaller than -20D to +29D with steps not greater than 1D. Anti reflection lens Magnification: 12 - 15X Apertures: Small, Large and Semi Circle, Fixation Star Colour Temperature: Cool White in the range 3100 - 5500K Light Intensity: 8,000 - 12,000 lux. Dust free sealed optics and aspherical optical system Red-free, Blue, Green and polarization filters Handle with On/Off switch. Scratchproof lens: Glass or Plastic Batteries: AA or rechargeable. Battery life at least 5 hours of use on full charge or fresh batteries Accessories: Battery Charger (as applicable to rechargeable type only) Sufficient light</p>	

		bulbs for 3 years use. Rechargeable Battery 1.5V.	
29	Instrument trolley	Stainless steel shelves and railings Available in full stainless steel/powder coated frame. Stainless steel bottom and top shelves with railing on top shelf Frame Mounted on 100 mm diameter wheels Overall Size: L 710 mm x W460 mm x H830 mm	
30	Adjustable Mayo table	<p>Made of stainless steel with removable top tray</p> <p>Height adjustable by foot 75 mm swivel castors Dimensions: Width 60 cm, Depth 40 cm and Height 120 - 130 cm</p> <p>Uptake time should be a minimum of 90%.</p> <p>Proof of locally available technical support personnel, including CVs and work permit for foreign personnel.</p> <p>Availability of technical personnel within the country should be stated; this should include CVs, work permits for foreign personnel.</p> <p>Software should be flexible and provide the room for upgrade to add new parameters to be measured by the Machine and report format.</p> <p>Documentation: Operating and service manuals (In English) including lists of important spares and accessories - with their part numbers and list of equipment and procedures required for calibration and routine maintenance should be provided.</p> <p>Documentation must also show recommended procedures for disposal and any probable hazards to the environment and/or community.</p> <p>Life span: Life span of the machine should be not less than 10 Years.</p> <p>Risk Classification: As per ISO 14971:2007- Application of risk management to medical devices.</p> <p>Regulatory Approval / Certification: TAEC, TBS and TFDA</p>	
31	Neonatal ventilator	<p>The Ventilator should be microprocessor controlled designed for neonatal use. There should be possibility to upgrade with additional features Continuous flow, pressure limited, time cycled ventilator design Ventilator modes: should have following modes available in the unit IMV/IPPV CPAP including non-invasive ventilation SIMV, SIPPV/Assist-control Volume targeted/guarantee mode of ventilation with ability to deliver and monitor tidal volume as low as 1-2ml (Range 2ml to 50 ml)</p> <p>Pressure support mode of ventilation Apnea back-up ventilation</p> <p>Should have integrated high resolution TFT medical grade screen (size 4") for real time display Scalar (Pressure, Flow and Volume</p>	



		<p>against time) and loop (Pressure-volume, volume flow and pressure-flow) pulmonary graphics Digital display of FiO<sub>2</sub>, Peak pressure, mean airway pressure, CPAP/PEEP, Expiratory tidal volume, expiratory minute volume, total frequency, spontaneous frequency, lung function monitoring Compliance, resistance, lung distention coefficient, (C<sub>20</sub>/C), Lung time constant, Rate volume ratio etc. Should have built-in logbook for recording events like various alarms. Integrated monitoring: Integrated volume and pressure monitoring i.e. monitoring of PEEP P<sub>max</sub>, P<sub>mean</sub> and VT, VT<sub>spont</sub>,</p>	
		<p>MV and MVleak. The volume monitoring should have NTPD to BTPS correction. Monitoring of ie, Frequency and Spont. Frequency Settings range: Trigger Flow/volume, leak adapted PIP 8 to 80cm of water PEEP/CPAP 0 to 25 mbar Five years comprehensive Maintenance inclusive.</p>	
		<p>I:E ratio 1:0 to 1:10 Inspired Time 0.1 to 2 sec Expired Time 0.2 to 30 sec Frequency Up to 200 BPM Base Flow (VIVE) 1 to 30 LPM Synchronization Patient synchronization Integrated blender for Oxygen 21 % to 100% Integrated nebulization facility Integrated screen for display of Pressure-Time, Flow-Time and Volume-Time curves Integrated monitoring of FiO<sub>2</sub> Monitoring of flow: At the Y piece with facility to activate it Audicvisual alarms with advisory on-screen message: MV high/low, Apnea, tube obstruction, FiO<sub>2</sub>, high/low high PIP, low PEEP/CPAP, fail to cycle, gas supply low, power failure, ventilator inoperative, alarm log book. The ventilator should have automatic compensation for leakage and should monitor and display leakages The ventilator should show trends of important parameters viz. C<sub>R</sub>, FiO<sub>2</sub>, MAP, etc for evaluation of patient improvement Power Supply: 220 - 240V, 50Hz. SCOPE OF SUPPLY Ventilator on trolley with wheels and brake facility Integrated medical air compressor Humidifier with autoclavable chamber and complete with patient circuit Circuit support arm Nebulization accessories (2 sets)</p>	
		<p>Bacterial filters 50 sets Flow sensors 20 sets Oxygen cell and Oxygen connecting hose Air connecting hose Battery back-up (at least 30 minutes)</p>	
32	Patient Beds with mattress.	<ul style="list-style-type: none"> <li>• Heavy duty bed Size (L×W×H): 2150×950×500mm</li> <li>• High quality section steel welding</li> <li>• The surface electrostatic sprayed</li> <li>• Corrosion resistant</li> <li>• Easy to clean</li> <li>• Side guard made of well plastic</li> <li>• I.V pole</li> <li>• Four casters, two caster with brakes</li> </ul>	

33	Bedside lockers	<ul style="list-style-type: none"> <li>• dimension 520*480*740</li> <li>• made of high density wood</li> <li>• one drawer and one door with handles, top with rail</li> <li>• two tower hanger, four wheels with cross breaks</li> </ul>	
34	Cardiac table	<ul style="list-style-type: none"> <li>• Size:900*450*900-1200mm</li> </ul> <p>Wooden dinning board(800*400mm)</p> <ul style="list-style-type: none"> <li>• Steel frame, ABS gas spring bottom</li> <li>• Height is adjustable, controlled by gas-spring Four silent castors,φ55mm</li> </ul>	
35	Oxygen Flow meter	<p>Wall Mounted Oxygen Flowmeter with Humidifier</p> <p>Oxygen Flowmeter with Humidifier is suitable for concentrated oxygen supply system in hospitals.</p> <p><b>Main performances:</b>  Flow range: 0--15L/min.  Automatic exhaust pressure of safety valve: 0.35±0.05 MPa;  This unit should adopt British standard  should be equipped with humidifier bottle that can be autoclavable at 120 centigrade.</p>	
39	Apheresis machine	<p>Should have starter pack,Desktop,workstation,UPS750,ups 10KVA, Access control,server, data carbonate.router,switch,LANaccessories,and installation Lumpsum.</p> <p>Construction material: Sheet metal</p> <p>Voltage 100-240 V (±10%; switch selectable)</p> <p>Frequency 50/60 Hz</p> <p>Centrifuge speed 3000-7000 rpm (varies with protocol)</p> <p>Pump speed Draw: 20-100 mL/min</p> <p>Return: 20-140 mL/min, Five years comprehensive Maintenance inclusive.</p>	
40	Plasma Apheresis machine	<p>Power supply (V/Hz) - 220~/50</p> <p>Amount collected per cycle (g) - 0~300</p> <p>Total plasma collection (g) - 0~1000</p> <p>Pump speed (ml/min) - 20~100</p> <p>Return speed (ml/min) - 20~100</p> <p>Anticoagulant (Citrate) to whole blood ratio - 1:12~1:16</p> <p>Centrifuge speed (r/min) - 7000. Five years comprehensive Maintenance inclusive.</p>	

41	Gene Sequencing	<p>Desktop Sized Sequencing Instruments – “Next-Next Generation Sequencing”</p> <ul style="list-style-type: none"> <li>• Scaled down</li> <li>• Medium throughput</li> <li>• able to analyse COVID and Cancer markers,</li> <li>• Should be supplied with start up consumables</li> <li>• Unit should function with 220-240Vac, 50 Hz input power supply.</li> <li>• Unit should be supplied with suitable UPS with a minimum 30 minutes back-up time.</li> </ul>	
42	ICU Beds	<p>Fully Motorized ICU Bed) 5 Section PP Tops, 125mm Twin Wheel Castors. Central Locking Mech., Rubber Buffers at 4 corners Handset , ACP Box, Battery Back Up, SMPS Bed Extension, Linen Holder, Night Lamp, Angle Indicator. Polymer</p> <ul style="list-style-type: none"> <li>-Moulded Head and Foot Panels (Removable)</li> <li>- Polymer Moulded Split Safety Rails (2 sets)</li> <li>Urine Bag Holder (Single)</li> <li>S.S Heavy Duty I.V. Pole (2 hooks)</li> <li>Premium mattress, single section, 4", with wave shape on both sides, High quality, high density, flame retardant foam and cover fabric having flame retardant, antibacterial, antifungal properties</li> <li>Mattress for Bed Extension</li> <li>Should have facility for Invasive and Non-Invasive ventilation</li> <li>Microprocessor Control suitable for Pediatric and Adult ventilation Electromagnetic Compatible Hinged arm holder for holding the circuit Should have built-in touch colour screen TFT display of minimum 10 inches or more for display of waveforms and Monitored value, <b>Five years comprehensive Maintenance inclusive.</b></li> <li>Should have in-built facility to upgrade with EtcO2</li> </ul>	



your partner in progressive healthcare

Date: 26th November, 2021  
IFT NO. ME/007/MBY/2021/22/CS/MV/09

LOT NO. 1 SUPPLY OF PHILIPS MEDICAL EQUIPMENT									
ITEM #	ITEM	UoM	QTY	MODE/CAT No	BRAND/MANUFACTURER	Unit Price	Line Total		
1	CT SCAN MACHINE 64 SLICES WITH INSTALLATION AND 5 YRS MAINTENANCE PLAN	EA	6	SUPRIA 64/128	HITACHI/FUJIFILM	1,800,000,000.00	10,800,000,000.00		
2	DIGITAL X-RAY	EA	5	FMT	DEL MEDICAL	290,000,000.00	1,450,000,000.00		
LOT NO 2, SONGWE RRH.									
ITEM #	ITEM	UoM	QTY	MODE/CAT No	BRAND/MANUFACTURER	Unit Price	Line Total		
ICU									
3	1 STANDARD ICU Beds	EA	12	D8D	SAIKANG	6,750,000.00	81,000,000.00		
4	2 HEAVY DUTY MECHANICAL VENTILATOR	EA	4	Gradian CCV	GRADIAN HEALTH	28,000,000.00	112,000,000.00		
5	3 ARTERIAL BLOOD GAS (ABG) MACHINE	EA	1	1.5	EDAN	19,000,000.00	19,000,000.00		
6	4 Autoclave (electric or non-electric) and supplies	EA	1	YX-280D 18L	ARI MEDICAL TECHNOLOGIES	910,000.00	910,000.00		
7	5 Automated external defibrillator (AED)	EA	2	FRED PA-1	SCHILLER	3,500,000.00	7,000,000.00		
8	6 Bag-valve-mask Ambu Oval Plus Silicone Resuscitator, Adult, with patient valve, pressure limiting valve,	EA	10	470 017 100	AMBU	410,000.00	4,100,000.00		
9	7 Bed pans Stainless steel	EA	8	03.8336 BED PAN ADULT PERFECTION TYPE	FAZZINI	350,000.00	2,800,000.00		
10	19 Child weighing scale (250g graduation)	EA	1		ARI MEDICAL TECHNOLOGIES	200,000.00	200,000.00		
11	28 Defibrillator pads	PAIRS	20		SCHILLER	450,000.00	9,000,000.00		
12	29 Defibrillator with pacing capabilities	EA	1	HD-7	SCHILLER	22,500,000.00	22,500,000.00		
13	30 Delivery set	EA	3	SET 201	FAZZINI	1,200,000.00	3,600,000.00		
14	31 Digital thermometer (32 - 42) CLINICAL THERMOMETER)	EA	6		FAZZINI	10,000.00	60,000.00		
15	35 Drip stand	EA	8	SKH04 1.4	SAIKANG	100,000.00	800,000.00		
	Dual-tube laryngeal mask airway (LMA) (#2 - 7)	SET/6	40		AMBU	150,000.00	7,500,000.00		



16	34	Ambu AuraGain Size 2			408200000			
		Ambu AuraGain Size 2%			408250000			
		Ambu AuraGain Size 3			408300000			
		Ambu AuraGain Size 4			408400000			
		Ambu AuraGain Size 5			408500000			
		Ambu AuraGain Size 6			408600000			
17	35	PORTABLE ECG MACHINE	Ea	1	SE-1200	EDAN	5,875,000.00	5,875,000.00
18	36	ECG Paper (A4 size, 2-FOLD)	Rolls	20		SCHILLER	30,000.00	600,000.00
19	37	ECG electrodes (DISPOSABLE ELECTRODES)	Ea	1000		AMBU	130.00	130,000.00
20	38	Electronic multi-parameter cardiac monitor	Ea	2	IM80 with 12 lead ECG	EDAN	9,000,000.00	18,000,000.00
21	46	GLUCOMETER	Ea	3	GLUCO-DR AUTO (AG4000)	ALLMEDICUS	25,000.00	75,000.00
22	47	Glucometer test strips	Ea	50	GLUCO-DR AUTO STRIPS	ALLMEDICUS	25,000.00	1,250,000.00
23	56	Mechanical Ventilator	Ea	2	Gradient CCV	GRADIAN HEALTH	28,000,000.00	56,000,000.00
24	57	N 95 respirators	Ea	500	N95	3M	5,000.00	2,500,000.00
25	60	Nebulization masks (pediatric and adult sizes)	50pcs	4	05,5005/05,5010	FAZZINI	250,000.00	1,000,000.00
26	61	Nebulizer machine (HEAVY DUTY PROFESSIONAL NEBULIZER)	Ea	2	F-210 PRO	FAZZINI	600,000.00	1,200,000.00
27	70	Patent Wheelchairs	Ea	6	9001 STEEL WHEELCHAIR	ARI MEDICAL TECHNOLOGIES	350,000.00	2,100,000.00
28	72	Pulse oxymetry	Ea	6	BT10	BISTOS	950,000.00	5,700,000.00
29	73	Refrigerator with thermometer	Ea	1	YV-800	SYMEDICAL	4,900,000.00	4,900,000.00
30	74	Safe biological waste disposal containers (SAFETY BOX)	Ea	6		KARTEL	3,500.00	21,000.00
31	75	Safe final disposal of sharps (SAFETY BOX)	Ea	100		KARTEL	3,500.00	350,000.00
32	77	Specimen containers (STOOL/URINE CONTAINER)	Ea	100			300.00	30,000.00
33	78	Sterile dressings drum	Ea	3		FAZZINI	300,000.00	900,000.00
34	79	Sterile gauze drum	Ea	3		FAZZINI	300,000.00	900,000.00
35	80	Stethoscope	Ea	6	SKB041-35	FAZZINI	70,000.00	420,000.00
36	81	Stretchers and gurneys (wheeled stretchers)	Ea	4	F-175	SAIKANG	2,500,000.00	10,000,000.00
37	82	Suction device: manual (bulb) or foot pump	Ea	2	F-30.65/PF	FAZZINI	570,000.00	1,140,000.00
38	83	Suction device: powered (electric or pneumatic)	Ea	4		FAZZINI	1,800,000.00	7,200,000.00
39	84	Surgical cricothyroidotomy set	Ea	4			1,000,000.00	4,000,000.00
40	85	Portable Ultrasound machine	Ea	2	MyLab Sigma (PORTABLE ECHO ULTRASOUND)	ESAOTE	64,000,000.00	128,000,000.00
41	91	X-ray viewing box or digital system	Ea	2	SK-1516	SAIKANG	850,000.00	1,700,000.00
42	93	Patient Beds with mattresses	Ea	12	AIK	SAIKANG	900,000.00	10,800,000.00
		EMD						
43	4	Autoclave (electric or non-electric) and supplies	Ea	1	YX-280D 18L	ARI MEDICAL TECHNOLOGIES	910,000.00	910,000.00
44	5	Automated external defibrillator (AED)	Ea	1	FRED PA-1	SCHILLER	3,500,000.00	3,500,000.00
45	25	Crash Trolley (cart)	Ea	4	SK-ET75077A	SAIKANG	2,000,000.00	8,000,000.00
46	25	Defibrillator pads	Pairs	10		SCHILLER	450,000.00	4,500,000.00
47	26	Defibrillator with pacing capabilities	Ea	1	HD-7	SCHILLER	22,500,000.00	22,500,000.00
48	27	Delivery set	Ea	3	SET 201	FAZZINI	1,200,000.00	3,600,000.00

49	28	Digital thermometer (32 - 42)	Ea	10		FAZZINI	10,000.00	100,000.00
50	29	Drift stand	Ea	8	SKH041-4	SAIKANG	100,000.00	800,000.00
51	31	ECG MACHINE	Ea	1	SE-1200	EDAN	5,875,000.00	5,875,000.00
52	32	ECG paper	Rolls	20		SCHILLER	30,000.00	600,000.00
53	33	ECG electrodes (DISPOSABLE ELECTRODES)	Ea	100		SCHILLER	2,000.00	200,000.00
54	34	Electronic multi parameter cardiac monitor.	Ea	1	IM80 with 12 lead ECG	EDAN	9,000,000.00	18,000,000.00
55	34	GLUCOMETER	Ea	3	GLUCO DR. AUTO (AG 4000)	ALLMEDICUS	25,000.00	75,000.00
56	40	Glucometer test strips	Ea	50	GLUCO DR. AUTO STRIPS	ALLMEDICUS	25,000.00	1,250,000.00
57	47	Laryngoscope set (range of blades and sizes)	Ea	2		FAZZINI	1,800,000.00	3,600,000.00
		100027 MCINTOSH LARYNGOSCOPE COMPLETE MATT TYPE W/4 S.S. BLADES SIZE 0,1,2,3, and 2 spare bulbs, w/CARRYING CASE + 100017 LARYNGOSCOPE HANDLE FOR ADULT MATT TYPE						
		109071 FIBER-OPTIC MILLER LARYNGOSCOPE COMPLETE MATT TYPE W/3 S.S. BLADES SIZE 00,0,1 W/CARRYING CASE 97.60 + 100065 FIBER-OPTIC HANDLE FOR CHILD						
58	51	N-95 respirators	Ea	500	N95	3M	5,000.00	2,500,000.00
59	54	Nebulization masks (pediatric and adult sizes)	Ea	20		FAZZINI	600,000.00	1,200,000.00
60	55	Nebulizer machine	Ea	2	F-210 PRO	FAZZINI	600,000.00	1,200,000.00
61	66	Patient Wheelchairs	Ea	6	9001 STEEL WHEELCHAIR	ARI MEDICAL TECHNOLOGIES	350,000.00	2,100,000.00
62	70	Refrigerator with thermometer	Ea	1	YY-800	FAZZINI	6,000,000.00	6,000,000.00
63	76	Stethoscope	Ea	6		SAIKANG	70,000.00	420,000.00
64	77	Heavy duty Stretchers	Ea	10	SKB041-35	SAIKANG	2,500,000.00	25,000,000.00
		SKM-G Hydraulic patient trolley						
65	78	Suction machine: powered (electric or pneumatic)	Ea	4	F-30.65/PF	FAZZINI	1,800,000.00	7,200,000.00
66	81	Portable Ultrasound machine	Ea	2	MyLab Sigma (PORTABLE ECHO ULTRASOUND)	ESADTE	64,000,000.00	128,000,000.00
67	84	X-ray viewing box or digital system	Ea	1	SK-1516	SAIKANG	850,000.00	850,000.00
68	86	Patient Beds with mattress	Ea	12	AIK	SAIKANG	900,000.00	10,800,000.00
69	87	Bedside lockers	Ea	12	SKS002	SAIKANG	200,000.00	2,400,000.00
70	88	WHEEL chair	Ea	6	9001 STEEL WHEELCHAIR	ARI MEDICAL TECHNOLOGIES	350,000.00	2,100,000.00
		LOT No. 3 MBEYA ZONAL REFERRAL HOSPITAL						
		ITEM #	UoM	QTY	MODE/CAT No	BRAND/MANUFACTURER	Unit Price	Line Total
71	1	Heavy duty mechanical ventilator with neonatal, infants, children and adult function	Ea	1	U-VENT	UTAS	55,000,000.00	55,000,000.00
72	2	Portable cardiac monitor monitors with movable stand	Ea	2	IM70 with moveable stand	EDAN	5,000,000.00	10,000,000.00





97									
98	ICU								
99	4	Digital Portable X-ray	Ea	1	MDR	DEL MEDICAL	290,000,000.00	290,000,000.00	
100	5	ICU beds with CPR capabilities (CPR board) and air matrices	Ea	26	DBD	SAIKANG	6,750,000.00	175,500,000.00	
101	8	Bedside lockers	Ea	26	SKS002	SAIKANG	200,000.00	5,200,000.00	
102	9	Heavy duty mechanical ventilators	Ea	16	Gradian CCV	GRADIAN HEALTH	28,000,000.00	448,000,000.00	
103	11	HME bacteria filter	Ea	300		GRADIAN HEALTH	10,000.00	3,000,000.00	
104	12	Breathing circuit	Ea	200		GRADIAN HEALTH	130,000.00	26,000,000.00	
105	14	Portable cardiac monitor monitors with moveable stand	Ea	2	IM70 with moveable stand	EDAN	5,000,000.00	10,000,000.00	
105	15	Multi-parameter cardiac monitors with wall mounting flexible stand	Ea	20	IM70 with wall mounting	EDAN	4,900,000.00	98,000,000.00	
107	18	ABG/Blood gases machine with reagents)	Ea	1	115	EDAN	19,000,000.00	19,000,000.00	
108	21	Portable USS with abdominal, cardiac and linear probe and moveable stand	Ea	1	MYLab Sigma (PORTABLE ECHO ULTRASOUND)	ESAOTE	64,000,000.00	64,000,000.00	
109	22	ECG machine with 12 electrodes with fixed moveable stand and disposable electrodes	Ea	1	SE-1200	EDAN	5,875,000.00	5,875,000.00	
110	23	ECG disposable electrodes	Ea	10,000		AMBU	2,000.00	20,000,000.00	
111	24	Heavy duty electrical suction machine	Ea	26	IF-100	FAZZINI	2,800,000.00	72,800,000.00	
112	25	Heavy duty oxygen concentrator High flow (10-15/min)	Ea	2	OIV-10 DUO FLOW	ZZ-OUIE	5,000,000.00	10,000,000.00	
113	26	Defibrillator with pacing mode	Ea	2	HD-7	SCHILLER	22,500,000.00	45,000,000.00	
114	27	Defibrillator pads	Pairs	40		SCHILLER	450,000.00	18,000,000.00	
115	28	Heavy duty stretchers	Ea	2	SKB041-3S	SAIKANG	2,500,000.00	5,000,000.00	
116	30	Infusion pump	Ea	26	AP-1200	ARI MEDICAL TECHNOLOGIES	1,900,000.00	49,400,000.00	
117	32	Video laryngoscope	Ea	1	KingVision with a Blade (Disposable Blades)	AMBU	9,500,000.00	9,500,000.00	
118		Laryngoscope set (range of blades and sizes)	Ea	10		FAZZINI	1,800,000.00	18,000,000.00	
	33	100027 MCINTOSH LARYNGOSCOPE COMPLETE MATT TYPE WA4 S.S. BLADES SIZE 0,1,2,3, and 2 spare bulbs, W/CARRYING CASE + 100017 LARYNGOSCOPE HANDLE FOR ADULT MATT TYPE			100027 100017				
		100071 FIBER-OPTIC MILLER LARYNGOSCOPE COMPLETE MATT TYPE WA3 S.S. BLADES SIZE 00,0,1 W/CARRYING CASE 97.60 + 100065 FIBER-OPTIC HANDLE FOR CHILD			100071 100065				
119	36	Vein finder	Ea	2	QV-500	ARI MEDICAL TECHNOLOGIES	3,500,000.00	7,000,000.00	
120	40	Wall pipe oxygen flow meter	Ea	26		ARI MEDICAL TECHNOLOGIES	150,000.00	3,900,000.00	
121	41	Nebulizer Machine	Ea	2	F-210 PRO	FAZZINI	600,000.00	1,200,000.00	
122	44	Heavy duty stretcher	Ea	12	SKB041-3S	SAIKANG	2,500,000.00	30,000,000.00	
123	45	Drip stands	Ea	26	SKH041-4	SAIKANG	100,000.00	2,600,000.00	
124	47	Nebulizer machine	Ea	2	F-210 PRO	FAZZINI	600,000.00	1,200,000.00	
125	48	Bed pan	Ea	26	03 8336 BED PAN ADULT PERFECTION TYPE	FAZZINI	350,000.00	9,100,000.00	
126	51	Spirometry	Ea	20	SPIROVIT SP-1	SCHILLER	6,400,000.00	128,000,000.00	



52	Fibreoptic flexible laryngoscope	EA	4	100071 100065	FAZZINI	4,500,000.00	
127	130071 FIBER-OPTIC MILLER LARYNGOSCOPE COMPLETE MATT TYPE WA3 S.S. BLADES SIZE 00,0,1 W/CARRYING CASE 97.60 + 100065 FIBER-OPTIC HANDLE FOR CHILD						
128	53 Digital portable x-ray	Ea	1	MDR	DEL MEDICAL	290,000,000.00	290,000,000.00
	LOT No. 4: Songea Regional Referral Hospital						
	ITEM #	UoM	QTY	MODE/CAT No	BRAND/MANUFACTURER	Unit Price	Line Total
129	EMD						
129	2 Vein finder	EA	2	QV-500	ARI MEDICAL TECHNOLOGIES	3,500,000.00	7,000,000.00
130	4 Heavy Suction machine	EA	4	F-100	FAZZINI	2,800,000.00	11,200,000.00
131	6 Operating table (SKL-A Electric operating table)	EA	1	A301	SAIKANG	15,000,000.00	15,000,000.00
132	7 Diathermy machine (300 WATS)	EA	4	DIATROM 300	FAZZINI	16,000,000.00	64,000,000.00
133	8 Autoclave machine (32 LITERS)	EA	3	NC 32	NUVE	19,000,000.00	38,000,000.00
134	9 Examination light	EA	6	02.738.00	FAZZINI	750,000.00	4,500,000.00
	11 Laryngoscope set (range of blades and sizes) 100027 MCINTOSH LARYNGOSCOPE COMPLETE MATT TYPE WA4 S.S. BLADES SIZE 0,1,2,3, and 2 spare bulbs, W/CARRYING CASE + 100017: LARYNGOSCOPE HANDLE FOR ADULT MATT TYPE 100071 FIBER-OPTIC MILLER LARYNGOSCOPE COMPLETE MATT TYPE WA3 S.S. BLADES SIZE 00,0,1 W/CARRYING CASE 97.60 + 100065 FIBER-OPTIC HANDLE FOR CHILD	Ea	4	100027 100017 100071 100065	FAZZINI	1,800,000.00	7,200,000.00
135	13 Automated External defibrillator	EA	2	FRED PA-1	SCHILLER	3,500,000.00	7,000,000.00
136	15 Heavy duty stretcher	EA	6	SKB041-35	SAIKANG	2,500,000.00	15,000,000.00
137	16 Portable cardiac monitor with 5 leads electrodes	EA	4	IM70 with mobile trolley	EDAN	5,000,000.00	20,000,000.00
138	19 Portable mechanical ventilator with pediatric and adult functions	EA	2	Gradian CCV	GRADIAN HEALTH	28,000,000.00	56,000,000.00
139	20 CPAP machine Soans CPAP + HFNC Device (NEONATE) Including: Humidifier + Trolley + startup disposable consumables (i.e Soans Ram's Cannula Size 1, Soans Ram's Cannula Size 0, Soans Disposable CPAP & PIP Circuit, Soans Mask (Neonatal Size 0)	EA	2	P2-01-000-00-000	SAANS	15,000,000.00	30,000,000.00
140	21 Portable ultrasound machine with abdominal, cardiac and linear probe	EA	1	MyLab Sigma (PORTABLE ECHO ULTRASOUND)	ESAOTE	64,000,000.00	64,000,000.00
141	22 Mayo table	EA	5	SKH038-2	SAIKANG	300,000.00	1,500,000.00
142	23 Refrigerator with regulator thermometer	EA	1	YY-800	SYMEDICAL	6,000,000.00	6,000,000.00
143	32 Nebulizer mask	50pcs	50	05.5009/05.5010	FAZZINI	250,000.00	12,500,000.00
144	33 Nebulizer machine	EA	2	S-210 PRO	FAZZINI	600,000.00	1,200,000.00
145	38 Defibrillator machine with pacing capacity	EA	1	HD-7	SCHILLER	22,500,000.00	22,500,000.00

146	39	Defibrillator pad	Pairs	20	10-1200	SCHILLER	450,000.00	9,000,000.00
147	40	ECG machine	EA	1	10-1200	EDAN	5,875,000.00	5,875,000.00
148	41	ECG disposable electrodes	EA	1000		SCHILLER	130.00	130,000.00
ICU								
149	1	Standard ICU beds WITH CPR capability	EA	12	D8D	SAIKANG	6,750,000.00	81,000,000.00
150	8	Portable cardiac monitor with 5 leads electrodes	EA	12	IM70 with mobile trolley	EDAN	5,000,000.00	60,000,000.00
151	16	ABG gas analyzer	EA	1	115	EDAN	19,000,000.00	19,000,000.00
152	17	Infusion pump	EA	12	AP-1200	ARI MEDICAL TECHNOLOGIES	1,900,000.00	22,800,000.00
153	18	ECG machine with 12 leads electrodes	EA	1	SE 1200	EDAN	5,875,000.00	5,875,000.00
154	19	Defibrillator with pacing capability	EA	1	HD-7	SCHILLER	22,500,000.00	22,500,000.00
155	20	Heavy suction machine (electric)	EA	12	F-100	FAZZINI	2,800,000.00	33,600,000.00
156	21	Heavy oxygen concentrator	EA	4	OLV-10 DUO FLOW	ZZ-OLIVE	5,000,000.00	20,000,000.00
157	22	Heavy Mechanical ventilator ventilator with pediatric and adult function	EA	6	Gradian CCV	GRADIAN HEALTH	28,000,000.00	168,000,000.00
158	24	Heavy duty stretcher	EA	2	SKB041-35	SAIKANG	2,500,000.00	5,000,000.00
159	26	Nebulizer machine	EA	2	F-210 PRO	FAZZINI	600,000.00	1,200,000.00
LOT No. 5 SUMBAWANGA REGIONAL REFERRAL HOSPITAL								
	ITEM #	ITEM	UoM	QTY	MODE/CAT No	BRAND/MANUFACTURER	Unit Price	Line Total
EMD								
160	4	Autoclave (electric or non-electric) and supplies	EA	1	YX-280D 18L	ARI MEDICAL TECHNOLOGIES	910,000.00	910,000.00
161	5	Automated external defibrillator (AED)	EA	1	FRED PA-1	SCHILLER	3,500,000.00	3,500,000.00
162	28	Defibrillator with pacing capabilities	EA	1	HD-7	SCHILLER	22,500,000.00	22,500,000.00
163	29	Digital thermometer (32 - 43 Celsius), CLINICAL THERMOMETER	EA	5	SKH041-4	FAZZINI	10,000.00	60,000.00
164	30	Drip Stand	EA	8	SE1200	SAIKANG	100,000.00	800,000.00
165	32	ECG machine with 12 lead electrodes	EA	1	SE1200	EDAN	5,875,000.00	5,875,000.00
166	33	ECG disposable electrodes	EA	2000		SCHILLER	130.00	260,000.00
167	34	ECG paper	Rolls	20		EDAN	30,000.00	600,000.00
168	35	Electronic multi-parameter cardiac monitor with 5 electrodes	EA	4	IM80 with 12 lead ECG	EDAN	9,000,000.00	36,000,000.00
169		Laryngoscope set (range of blades and sizes)	EA	5		FAZZINI	1,800,000.00	9,000,000.00
170	46	100027 MCINTOSH LARYNGOSCOPE COMPLETE MATT TYPE W/4 S.S. BLADES SIZE 0,1,2,3, and 2 spare bulbs, W/CARRYING CASE + 100017: LARYNGOSCOPE HANDLE FOR ADULT MATT TYPE			100027			
		100071 FIBER-OPTIC MILLER LARYNGOSCOPE COMPLETE MATT TYPE W/3 S.S. BLADES SIZE 00,0,1 W/CARRYING CASE 97.60			100071			
		+ 100065 FIBER-OPTIC HANDLE FOR CHILD			100065			
171	67	Nebulizer machine	EA	2	F-210 PRO	FAZZINI	600,000.00	1,200,000.00
172	70	Refrigerator with thermometer	EA	1	YY-800	SYSTEMICAL	6,000,000.00	6,000,000.00
		Stethoscope	EA	6		FAZZINI	70,000.00	420,000.00



173	71	Heavy duty Stretchers and gurneys (wheeled stretchers)	Ea	5	SK8041-35	SAIKANG	2,500,000.00	12,500,000.00
174	72	Suction device: manual (bulb) or foot pump	Ea	2	F-175	FAZZINI	570,000.00	1,140,000.00
175	73	Suction device: powered (electric or pneumatic)	Ea	2	F-30 65/PF	FAZZINI	1,800,000.00	3,600,000.00
176	75	Tension or traction splint (e.g. hare splint)	SET	4		FAZZINI	700,000.00	2,800,000.00
		NEOPRENE SPLINT FOR WRIST			DA-02300			
		NEOPRENE SPLINT FOR ARM			DA-02301			
		NEOPRENE SPLINT FOR LEG			DA-02302			
177		NEOPRENE SPLINT FOR ELBOW / ANKLE			DA-02303			
		NEOPRENE SPLINT FOR FOREARM			DA-02304			
		SET OF 5 NEOPRENE SPLINT W/CARRYING BAG			DA-02310			
177	76	Ultrasound machine with abdominal linear and cardiac probe	Ea	1	MyLab Sigma (PORTABLE ECHO ULTRASOUND)	ESAOTE	64,000,000.00	64,000,000.00
178	82	X-ray viewing box or digital system	Ea	1	SK-L916	SAIKANG	850,000.00	850,000.00
ICU								
179	1	ICU Beds with CPR capability	Ea	12	D8D	SAIKANG	6,750,000.00	81,000,000.00
180	3	Perable mechanical ventilator-infant-adult	Ea	6	Gradian CCV	GRADIAN HEALTH	28,000,000.00	168,000,000.00
181	4	Multiparameter cardiac monitor	Ea	12	IM80 with 12 lead ECG	EDAN	9,000,000.00	108,000,000.00
182	5	ABG machine with reagent	Ea	1	115	EDAN	19,000,000.00	19,000,000.00
183	6	Autoclave (electric or non-electric) and supplies	Ea	1	YX-280D 18L	ARI MEDICAL TECHNOLOGIES	910,000.00	910,000.00
184	24	Defibrillator with pacing capabilities	Ea	1	HD-7	SCHILLER	22,500,000.00	22,500,000.00
185	25	Drip Stand	Ea	8	SKH041-4	SAIKANG	100,000.00	800,000.00
186	26	ECG machine with 12 lead electrodes	Ea	1	SE-1200	EDAN	5,875,000.00	5,875,000.00
187	27	ECG paper	Roll/100pcs	20		EDAN	30,000.00	600,000.00
188		ECG leads/stickers/electrodes	500/p	20		EDAN	65,000.00	1,300,000.00
189	35	Laryngoscope set (range of blades and sizes)	Ea	2		FAZZINI	1,800,000.00	3,600,000.00
		100027 MCINTOSH LARYNGOSCOPE COMPLETE MATT TYPE W/4 S. BLADES SIZE 0,1,2,3 and 2 spare bulbs, w/CARRYING CASE			100027			
		+ 100017 LARYNGOSCOPE HANDLE FOR ADULT MATT TYPE			100017			
		100071 FIBER-OPTIC MILLER LARYNGOSCOPE COMPLETE MATT TYPE W/3 S. BLADES SIZE 00,0,1 w/CARRYING CASE 97.60			100071			
		+ 100065 FIBER-OPTIC HANDLE FOR CHILD			100065			
190	40	Nebulization masks with tubing (pediatric and adult sizes) (child/adult)	50pcs	20	05 5009/05 5010	FAZZINI	250,000.00	5,000,000.00
191	41	Nebulizer machine	Ea	2	F-210 PRO	FAZZINI	600,000.00	1,200,000.00
192	56	Stretchers and gurneys (wheeled stretchers)	Ea	4	SKB041-35	SAIKANG	2,500,000.00	10,000,000.00
193	57	Suction device: manual (bulb) or foot pump	Ea	4	F-175	FAZZINI	570,000.00	2,280,000.00
194	58	Suction device: powered (electric or pneumatic)	Ea	2	F-30 65/PF	FAZZINI	1,800,000.00	3,600,000.00
195	60	Portable Ultrasound machine	Fa	1	MyLab Sigma (PORTABLE ECHO ULTRASOUND)	ESAOTE	64,000,000.00	64,000,000.00
196	61	Ultrasound probe covers with (abdominal,linear and cardiac probe)	Ea	1			250,000.00	250,000.00
197	63	Voltage stabiliser	Ea	5			1,500,000.00	7,500,000.00

198	66	X-ray viewing box or digital system			SK-L516	SAIKANG	850,000.00	1,790,000.00
		DI No 5: MUMBE REGIONAL REFERRAL HOSPITAL						
		ITEM#	ITEM	Uom	QTY	MODE/CAT No	BRAND/MANUFACTUR	Line Total
		EMC						
199	1	Standard ICU Beds	Ea	26	D&D		SAIKANG	6,750,000.00
200	2	Heavy duty mechanical ventilator	Ea	26	Gadian CCV		GRADIAN HEALTH	28,000,000.00
201	3	Multi-parameter wall Mounted cardiac monitors	Ea	26	IM70 with wall mounting		EDAN	4,900,000.00
202	4	Automated external defibrillator (AED)	Ea	1	FRED PA-1		SCHILLER	3,500,000.00
203	12	Defibrillator machine with pacing capability	Ea	1	HD-7		SCHILLER	22,500,000.00
204	13	Defibrillator pads	Pairs	10			SCHILLER	450,000.00
205	14	Laryngoscope set (range of blades and sizes) 100027 MCINTOSH LARYNGOSCOPE COMPLETE MATT TYPE W/4 + 5 BLADES SIZE 0.1, 2.3, and 2 spare bulbs, W/ CARRYING CASE + 100017 LARYNGOSCOPE HANDLE FOR ADULT MATT TYPE 100071 FIBER-OPTIC MILLER LARYNGOSCOPE COMPLETE MATT TYPE W/ 3 S.S. BLADES SIZE 00, 0.1 W/ CARRYING CASE 97.60 + 100065 FIBER-OPTIC HANDLE FOR CHILD	Ea	5	100027 100017		FAZZINI	1,800,000.00
206	15	Portable ECG machine with 12 lead electrodes and stand	Ea	1	SE-1200		EDAN	5,875,000.00
207	15	Vein Viewers	Ea	2	QV-500		ARI MEDICAL TECHNOLOGIES	3,500,000.00
208	22	Portable patient cardiac Monitor	Ea	2	IM80 with 12 lead ECG		EDAN	9,300,000.00
209	25	Nebulization masks with tubing (pediatric and adult sizes) (child/adult)	50pcs	20	QS 5009/05 5010		FAZZINI	250,000.00
210	27	Nebulizer Machine	Ea	2	F-210 PRO		FAZZINI	600,000.00
211	36	Portable Ultrasound (TVS) probes	Ea	1	MYLab Sigma (PORTABLE ECHO ULTRASOUND)		ESACTE	64,000,000.00
212	38	X-ray viewing box or digital system	Ea	1	SK-L516		SAIKANG	850,000.00



222	52	Portable Ultrasono machine (with abdominal, cardiac and linear)	Ea	1	Ab Sigma (PORTABLE) HC-10 ULTRASOUND	FSACOTE	64,000,000.00	64,000,000.00
224	54	Vein viewers (finder)	Ea	2	QV-500	ARI MEDICAL TECHNOLOGIES	3,500,000.00	7,000,000.00
225	57	X-ray viewing box or digital system	Ea	2	SK-1516	SAIKANG	850,000.00	1,700,000.00
LOT No 7 Mbeya Regional Referral Hospital								
	ITEM #	ITEM	UoM	QTY	MODE/CAT No	BRAND/MANUFACT JR	Unit Price	Line Total
226	5	Automated external defibrillator (AED)	Each	2	FRED P-A-1	SCHILLER	3,500,000.00	7,000,000.00
227	21	Defibrillator (with manual controls, synchronizing, and cardioversion cap. bilities)	Each	1	HD-7	SCHILLER	22,500,000.00	22,500,000.00
228	23	Defibrillator pads	Pairs	20	HD-7	SCHILLER	450,000.00	9,000,000.00
229	24	Defibrillator with pacing capabilities	Each	1	HD-7	SCHILLER	22,500,000.00	22,500,000.00
230	27	Fetal Doppler	Each	10	AFD 640C	ARI MEDICAL TECHNOLOGIES	300,000.00	3,000,000.00
231	28	Drip Stand	Each	10	SKH041.4	SAIKANG	100,000.00	1,000,000.00
232	31	ECG machine with 12 leads electrodes	Each	2	SE J200	EDAN	5,875,000.00	11,750,000.00
233	32	ECG paper	Roll	29		EDAN	30,000.00	600,000.00
234	33	ECG disposable electrodes	Each	5000		SCHILLER	2,000.00	10,000,000.00
235	34	Electronic cardiac monitor (mobile)	Each	2	IM70 with trolley	EDAN	5,000,000.00	10,000,000.00
236	35	Electronic multi-parameter cardiac monitor (fixed)	Each	6	Im70 with wall mounting	EDAN	4,900,000.00	29,400,000.00
237	52	100027 MCINTOSH LARYNGOSCOPE COMPLETE MATT TYPE W/4 S.S BLADES SIZE 0.1,2,3, and 2 spare bulbs, W/CARRYING CASE + 100017 LARYNGOSCOPE HANDLE FOR ADULT MATT TYPE	Ea	5	100027 100017 100071 100065	FAZZINI	1,800,000.00	9,000,000.00
238	54	100065 FIBER-OPTIC HANDLE FCP CHILD + 100065 FIBER-OPTIC HANDLE FCP CHILD	Each	2	Gradian CCV	GRADIAN HEALTH	28,000,000.00	56,000,000.00
239	58	Portable ventilation/pediatrics adult capability)	Each	30	05.5010	FAZZINI	250,000.00	7,500,000.00
240	59	Nebulization masks with tubing (pediatric and adult sizes) (child/adult)	50pcs	20	05.50090	FAZZINI	250,000.00	5,000,000.00
241	60	Nebulizer machine	Each	5	F-210 PRO	FAZZINI	600,000.00	3,000,000.00
242	69	Heavy duty Oxygen concentrator	Each	2	OLV-10 DUO FLOW	ZZ-OLIVE	5,000,000.00	10,000,000.00
243	71	Patient Wheelchairs	Each	10	9001 STEEL WHEELCHAIR	ARI MEDICAL TECHNOLOGIES	350,000.00	3,500,000.00
244	74	Refrigerator with thermometer	Each	3	YY-800	SYSMEDICAL	6,000,000.00	18,000,000.00
245	88	Ultrasonnd machine with abdominal, cardiac and liner probe	Each	2	Imlab Sigma (PORTABLE) FCHO ULTRASOUND	ESAOTE	64,000,000.00	128,000,000.00
246	92	Wheelchairs	Each	20	9001 STEEL WHEELCHAIR	ARI MEDICAL TECHNOLOGIES	350,000.00	7,000,000.00
247	95	X-ray viewing box or digital system	Each	4	SK-1515	SAIKANG	850,000.00	3,400,000.00
248	95	Microscope	Each	2	B-292 FII	OPTIKA	2,000,000.00	4,000,000.00

249	97	Contrtuge	Each	1	NF 200	NUVE	2,900,000.00	2,900,000.00
250	98	Examination bed (SK-B1 Examination table)	Each	4	MDR	SAIKANG	550,000.00	2,200,000.00
251	99	Mobile digital x ray	Each	1	MDR	DEL MEDICAL	290,000,000.00	290,000,000.00
252	101	Hot air oven	Each	1	FN 055	NUVE	2,900,000.00	2,900,000.00
253	102	Dead body stretcher (covered)	Each	2	FPMI-006	SYSMEDICAL	9,500,000.00	19,000,000.00
254	103	Operating Lamp	Each	2	AML700/700 LED	ARI MEDICAL TECHNOLOGIES	20,000,000.00	40,000,000.00
ICU								
255	1	ICU Beds with CPR capabilities	EACH	12	D&D	SAIKANG	6,750,000.00	81,000,000.00
256	2	Portable mechanical ventilators	EACH	4	Gradian CCV	GRADIAN HEALTH	28,000,000.00	112,000,000.00
257	3	Heavy duty Mechanical Ventilator	EACH	6	Gradian CCV	GRADIAN HEALTH	28,000,000.00	224,000,000.00
258	4	Arterial blood gas (ABG) machine	EACH	1	115	EDAN	19,000,000.00	19,000,000.00
259	24	Defibrillator with pacing capabilities	EACH	2	HD-7	SCHILLER	22,500,000.00	45,000,000.00
260	25	Digital thermometer (32 - 43 Celsius)	EACH	5		FAZZINI	10,000.00	50,000.00
261	26	Drip Stand	EACH	4	SKH041-4	SAIKANG	100,000.00	400,000.00
262	27	Dual-tube laryngeal mask airway (LMA) (#2 - 7)	SET/6	20		AMBU	150,000.00	3,000,000.00
		Ambu AuraGain Size 2			408200000			
		Ambu AuraGain Size 2½			408250000			
		Ambu AuraGain Size 3			408300000			
		Ambu AuraGain Size 4			408400000			
263	28	ECG machine with 12 lead electrodes	EACH	4	SE-1200	EDAN	5,875,000.00	23,500,000.00
	29	ECG paper, leads electrodes stickers	EACH	5000		EDAN	2,000.00	10,000,000.00
	30	Electronic multi-parameter card ac monitor	EACH	12	IM80 with 12 lead ECG	EDAN	9,000,000.00	108,000,000.00
		Laryngoscope set (range of blades and sizes)	EA	5		FAZZINI	1,800,000.00	9,000,000.00
264	39	100927 MCINTOSH LARYNGOSCOPE COMPLETE MATT TYPE W/4 S.S. BLADES SIZE 0,1,2,3, and 2 spare bulbs, W/CARRYING CASE + 100017 LARYNGOSCOPE HANDLE FOR ADULT MATT TYPE + 100071 FIBER-OPTIC MILLER LARYNGOSCOPE COMPLETE MATT TYPE W/3 S.S. BLADES SIZE 00,0,1 W/CARRYING CASE 97.60 + 100065 FIBER-OPTIC HANDLE FOR CHILD	EACH	6	SKS013-1	SAIKANG	450,000.00	2,700,000.00
ABS+steel bedside table, ON 4 WHEELS								
265	46	Nebulization masks with tubing (pediatric and adult sizes) (child/adult)	50PCS	50	05.5009/05.5010	FAZZINI	250,000.00	5,000,000.00
266	47	Nebulizer machine with tubing	EACH	20	F-210 PRO	FAZZINI	600,000.00	12,000,000.00
267	57	Pulse oximetry	EACH	5	BT710	BISTOS	950,000.00	4,750,000.00
268	58	Stethoscope	EACH	4		FAZZINI	70,000.00	280,000.00
269	79	Heavy duty Stretchers and gurneys (wheeled stretchers)	EACH	2	SKB041-3S	SAIKANG	2,500,000.00	5,000,000.00
270	FC	Suction device manual (bulb) or foot pump	EACH	2	F-175	FAZZINI	570,000.00	1,140,000.00
271	CI	Suction device powered (electric or pneumatic)	EACH	4	F-30 6S/PF	FAZZINI	1,800,000.00	7,200,000.00



272	63	Ultrasound machine with abdominal linear and cardiac probes	EACH	1	MyLab Sigma (PORTABLE)	ESNOTE	64,000,000.00	64,000,000.00
272	64	Ultrasound probe covers	EACH	2			250,000.00	500,000.00
274	68	Wheelchairs	EACH	6	9001 STEEL WHEEL CHAIR	ARI MEDICAL	350,000.00	2,100,000.00
275	69	X-ray viewing box of digital system	EACH	5	SK-LS16	SAIKANG	850,000.00	4,250,000.00
LOT No. 8 (Inga Regional Referral Hospital)								
	ITEM #	ITEM	UoM	QTY	MODE/CAT No	BRAND/MANUFACTUR	Unit Price	Line Total
276	1	HOSPITAL BEDS	EACH	10	AJK	SAIKANG	900,000.00	9,000,000.00
277	2	HEAVY DUTY MECHANICAL VENTILATOR	EACH	2	Gradient CCV	GRADIAN HEALTH	28,000,000.00	56,000,000.00
278	3	PATIENT MULTI-PARAMETER CARDIAC MONITOR	EACH	5	IM80 with 12 lead ECG	EDAN	9,000,000.00	45,000,000.00
279	4	PORTABLE ECG MACHINE	EACH	1	SE-1200	EDAN	5,875,000.00	5,875,000.00
280	5	PORTABLE ULTRASOUND	EACH	1	MyLab Sigma (PORTABLE ECHO ULTRASOUND)	ESNOTE	64,000,000.00	64,000,000.00
281	6	BLOOD GAS ANALYSER	EACH	1	115	EDAN	19,000,000.00	19,000,000.00
282	7	HEAVY DUTY SUNCTION MACHINE	EACH	2	1-100	FAZZINI	2,800,000.00	8,400,000.00
283	8	Laryngoscope set (range of blades and sizes) 100027 MCINTOSH LARYNGOSCOPE COMPLETE MATT TYPE WA4 S S BLADES SIZE 0.1, 2.3, and 2 spare bulbs. W/CARRYING CASE + 100017 LARYNGOSCOPE HANDLE FOR ADULT MATT TYPE 100071 FIBER-OPTIC MILLER LARYNGOSCOPE COMPLETE MATT TYPE WA3 S.S. BLADES SIZE 00.0, 1 W/CARRYING CASE 97.60 + 100065 FIBER-OPTIC HANDLE FOR CHILD	EA	5	100027 100017 100071 100065	FAZZINI	1,800,000.00	3,600,000.00
284	9	NEBULIZER MACHINE	EACH	5	F-210 PRO	FAZZINI	600,000.00	3,000,000.00
285	10	BLOOD AND FLUID WARMER	EACH	2	FT1800	BIO X	5,000,000.00	10,000,000.00
286	11	INFUSION PUMP	EACH	4	AIP-1200	ARI MEDICAL TECHNOLOGIES	1,900,000.00	7,600,000.00
287	12	SYRINGE PUMP	EACH	4	ASP-1500	ARI MEDICAL TECHNOLOGIES	2,000,000.00	8,000,000.00
288	17	DEFIBRILLATOR MACHINE	EACH	2	HD-7	SCHILLER	22,500,000.00	45,000,000.00
289	19	INSTRUMENT TROLLEY (SKM-B Treatment trolley - Two stainless steel shelves and one drawer with the size)	EACH	10	SKH001	SAIKANG	500,000.00	5,000,000.00
290	29	ADJUSTABLE MAYO TABLE "SKM-B Mayo trolley"	EACH	5	SKH038-2	SAIKANG	300,000.00	1,500,000.00
291	21	DIGITAL MOBILE X-RAY	EACH	1	MDR	DEL MEDICAL	290,000,000.00	290,000,000.00
292	22	X-RAY VIEWER	EACH	10	SK-LS16	SAIKANG	850,000.00	8,500,000.00
293	24	BLOOD BANK REFRIGERATOR	EACH	1	BRR-AV1000	BIOBASE	19,000,000.00	19,000,000.00
294	25	AUTOCLAVE MACHINE	EACH	1	NC 32	NUVE	19,000,000.00	19,000,000.00
295	26	OPERATING LAMP	EACH	1	ALM700/700 LED	ARI MEDICAL TECHNOLOGIES	20,000,000.00	20,000,000.00
296	27	B+SIDE LOGGERS	EACH	10	SKS002	SAIKANG	200,000.00	2,000,000.00
297	28	CARDIAC TABLE	EACH	2	SKH042	SAIKANG	200,000.00	400,000.00

298	29	FETAL MONITOR	EACH	2	AFM-800	ARI MEDICAL TECHNOLOGIES	3,400,000.00	6,800,000.00
299	30	NEONATAL VENTILATOR	EACH	1	U-VENT	UTAS	55,000,000.00	55,000,000.00
300	31	OPERATING TABLE	EACH	1	AS01	SAIKANG	15,000,000.00	15,000,000.00
301	32	AMAEGETHIC MACHINE	EACH	1	UAM	GRADIAN HEALTH	58,000,000.00	58,000,000.00
302	35	WALL MOUNTED OPHTHALMOSCOPE	EACH	1		FAZZINI	550,000.00	550,000.00
	ICU							
303	1	STANDARD ICU BEDS	EACH	12	DBD	SAIKANG	6,750,000.00	81,000,000.00
304	2	HEAVY DUTY MECHANICAL VENTILATOR	EACH	2	GRADIAN CCV	GRADIAN HEALTH	28,000,000.00	56,000,000.00
305	3	PATIENT MULTI-PARAMETER CARDIAC MONITOR	EACH	12	IM70 with wall mounting	EDAN	4,900,000.00	58,800,000.00
306	4	PORTABLE ECG MACHINE	EACH	1	SE-1200	EDAN	5,875,000.00	5,875,000.00
307	5	PORTABLE ULTRASOUND MACHINE	EACH	1	MyLab sigma (PORTABLE ECHO ULTRASOUND)	ESAOTE	64,000,000.00	61,000,000.00
308	6	BLOOD GAS ANALYSER	EACH	2	115	EDAN	19,000,000.00	38,000,000.00
309	7	HEAVY DUTY SUNCTION MACHINE	EACH	3	F-100	FAZZINI	2,800,000.00	8,400,000.00
310	8	Laryngoscope set (range of blades and sizes) 100027 MCINTOSH LARYNGOSCOPE COMPLETE MATT TYPE W/4 S 5 BLADES SIZE 0.1, 2.3, and 2 spare bulbs, W/CARRYING CASE - 100017 LARYNGOSCOPE HANDLE FOR ADULT MATT TYPE 100071 FIBER-OPTIC MILLER LARYNGOSCOPE COMPLETE MATT TYPE W/3 S 5 BLADES SIZE 00, 0.1 W/CARRYING CASE 97.60 + 100065 FIBER-OPTIC HANDLE FOR CHILD	Each	2	100027 100017 100071 100065	FAZZINI	1,800,000.00	3,600,000.00
311	9	NEBULIZER MACHINE	EACH	4	P-210 PRO	FAZZINI	600,000.00	2,400,000.00
312	11	INFUSION PUMP	EACH	6	AP-1200	ARI MEDICAL TECHNOLOGIES	1,900,000.00	11,400,000.00
313	12	SYRINGE PUMP	EACH	4	ASP-1500	ARI MEDICAL TECHNOLOGIES	2,000,000.00	8,000,000.00
314	13	PORTABLE PULSE OXIMETER	EACH	3	87710	BISTOS	950,000.00	2,850,000.00
315	19	DIGITAL MOBILE X-RAY	EACH	1	MDR	DEL MEDICAL	290,000,000.00	290,000,000.00
316	20	X-RAY VIEWER	EACH	2	SK-L516	SAIKANG	850,000.00	1,700,000.00
317	11	GLUCOMETER	EACH	2	GLUCO-DR AUTO (AG4000)	ALLMEDICUS	25,000.00	50,000.00
318	22	BEDSIDE LOCKERS	EACH	12	SKS002	SAIKANG	200,000.00	2,400,000.00
319	23	NEONATAL VENTILATOR	EACH	1	U-VENT	UTAS	55,000,000.00	55,000,000.00
320	26	PATIENT MONITOR ELECTRODES SPECIFIC FOR ICU	EACH	500			130.00	65,000.00
321	28	RESUSCITATION TROLLEY WITH CPR BOARD SKM-B Emergency trolley	EACH	1	SKR054-ET	SAIKANG	1,500,000.00	1,500,000.00
SUBTOTAL TOTAL							21,585,511,000.00	
322		TRANSPORT TO RESPECTIVE DESTINATIONS AS PER TENDER DISTRIBUTION LIST			PER SITE/DESTINATION	8	6,000,000.00	48,000,000.00
323		INSTALLATION, TRAINING, TESTING AND COMMISSIONING CHARGES INCLUDED						0



# KAS MEDICS LIMITED

*Your partner in progressive healthcare*

## SPECIAL POWER OF ATTORNEY

Date: 24<sup>th</sup> November, 2021.

To:  
Secretary,  
MZRH Tender Board,  
P. O. Box 419,  
Mbeya,  
Tanzania.

THAT BY THIS POWER OF ATTORNEY given on the 24<sup>th</sup> November, 2021.

WE the undersigned **KAS MEDICS LIMITED** of *Vingungti Industrial Area, Plot No. 11, Umoja Complex Warehouse, 1<sup>st</sup> Floor, UF09&10*, by virtue of authority conferred to us, do hereby ordain nominate and appoint **CHARLES LINTU** of *P. O. Box 7856 Dar Es Salaam*, to be our true lawful Attorney and Agent, with full power and authority, for us and in our names, and for our accounts and benefits, to do any, or all of the following acts, in the execution Tender No. ME/007/MBY/2021/22/CS/MV/09 is to say:  
To act for the company and do any other thing or things incidental for Tender No ME/007/MBY/2021/22/CS/MV/09 of SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND TRAINING OF MEDICAL EQUIPMENT.

AND provided always that this Power of Attorney shall not revoke or in any manner affect any future power of attorney given to any other person or persons for such other power or powers shall remain and be of the same force and affect as if this deed has not been executed.


AND we hereby undertake to ratify everything, which our Attorney or any substitute or substitutes or agent or agents appointed by him under this power on his behalf herein before contained shall do or purport to do in virtue of this Power of Attorney.

SEALED with the common seal of the said **KAS MEDICS LIMITED** and delivered in the presence of us this 24<sup>th</sup> day of November, 2021.

IN WITNESS whereof we have signed this deed on this 24<sup>th</sup> day of November, 2021 at *Vingungti Industrial Area, Plot No. 11, Umoja Complex Warehouse, 1<sup>st</sup> Floor, UF09&10* for and on behalf of **KAS MEDICS LIMITED**

SEALED and DELIVERED by the  
Common Seal of **KAS MEDICS LIMITED**  
This  
24<sup>th</sup> day of November, 2021.

}

  
DONOR (signature)

BEFORE ME:



**KAS MEDICS LTD.**  
P. O. Box 7856  
DAR-ES-SALAAM  
TANZANIA

1<sup>st</sup> Floor, Plot 11, Warehouse UF09 & 10, Vingungti Industrial Area along Nyerere Road, P.O. Box 7856 Dar Es Salaam, Tanzania

[www.kasmedics.com](http://www.kasmedics.com)



# KAS MEDICS LIMITED

*Your partner in progressive healthcare*



## Tender Securing Declaration

Date: 24<sup>th</sup> November, 2021.

Tender No: ME/007/MBY/2021/22/CS/MV/09.

To:  
Secretary,  
MZRH Tender Board,  
P. O. Box 419,  
Mbeya,  
Tanzania.

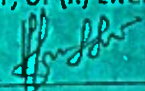
We, the undersigned, declare that:

We understand that, according to your conditions, tenders must be supported by a Tender Securing Declaration.

We accept that we will be automatically suspended from being eligible for tendering in any contract with the Purchaser for the period of two years started from date of bid opening, if we are in breach of our obligation(s) under the tender conditions, because we:

- (a) Have withdrawn or modified our Tender during the period of tender validity specified in the Form of Tender,
- (b) Disagreement to arithmetical correction made to the tender price; or
- (c) Having been notified of the acceptance of our Tender by the Procuring Entity during the period of tender validity, (i) failure to sign the contract if required by Procuring Entity to do so or (ii) fail or refuse to furnish the Performance Security, or to comply with any other condition precedent to signing the contract specified in the tendering documents.

We understand this Tender Securing Declaration shall expire if we are not the successful Tender, upon the earlier of (i) our receipt of your notification to us of the name of the successful Tender; or (ii) twenty eight (28) days after the expiration of our Tender.

Signed:  **KAS MEDICS LTD.**  
P. O. Box 7856  
DAR ES-SALAAM  
TANZANIA

Name: Charles Lintu in the Capacity of Sales Administrative Executive

Duly authorized to sign the Tender for and on behalf of Kas Medics Limited

Dated 24<sup>th</sup> day of November 2021

Attested by me: -

  
Advocate





THE UNITED REPUBLIC OF TANZANIA

MINISTRY OF HEALTH, COMMUNITY DEVELOPMENT, GENDER, ELDERLY AND CHILDREN

Cable referral hospital

Telephone: 2503456/2503351  
Fax: 2503577



MBEYA ZONAL REFERRAL HOSPITAL  
P.O BOX 419

MBEYA

Please quote:

Ref. No. MZRH/AD.121/345/02/F.

23<sup>rd</sup> December 2021

*Kas Medics Limited,*

*P.O.BOX 7856,*

*Dar Es Salaam.*


**RE: NOTIFICATION OF AWARD FOR CONTRACT NO. ME/007/MBY/2021-2022/G/1.  
FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND TRAINING OF  
MEDICAL EQUIPMENT**

Reference is made to the above heading.

This is to inform you that you have been awarded Tender dated 26<sup>th</sup> November 2021 for execution of the Supply, Installation, Testing, Commissioning and Training Of Medical Equipment Tender No. ME/007/MBY/2021-2022/G/1 The bid price is 182,748,000/= Tanzanian shillings for Iringa RRH, 438,230,000/= Tanzanian shillings for Mbeya RRH, 347,262,000/= Tanzanian shillings *For Mbeya ZRH, 231,292,500/= Tanzanian shillings for Njombe RRH, 403,296,000/= Tanzanian shillings for Songea RRH, 388,936,000/= Tsh For Songwe RRH and 450,865,000/= Tanzanian shillings For Sumbawanga RRH,*

You are therefore required to confirm your acceptance in writing to the undersigned immediately for further action

Your Sincerely,

  
Dr. Mbwanji, G.F.  
Executive Director  
Mbeya Zonal Referral Hospital  
P. O. Box 419  
Mbeya

**EXECUTIVE DIRECTOR**

*All communication should be addressed to Executive Director*

**MUHTASARI WA MAJADILIANO NA MARIDHIANO BAINA YA HOSPITAL ZA RUFAA ZA KANDA NA HOSPITALI ZA RUFAA ZA MIKOA YA NYANDA ZA JUU KUSINI PAMOJA NA WAZABUNI WA VIFAA NA VIFAA TIBA TAREHE 02.12.2021**

**AGENDA**

1. Kufungua Kikao
2. Vigezo vinavyotumika katika majadiliano na maridhiano
3. Majadiliano na Wazabuni
4. Mengineyo
5. Kufunga kikao

**MAUDHURIO:**

NA	JINA KAMILI	CHEO	ANAPOTOKA	NAMBA YA SIMU
1	Dr Raphael Gabriel	Mwenyekiti	MZRH	0763125448
2	Dr Mdede Musa L	Mjumbe	MZRH	0765815179
3	Kelvin Warioba Makoba	Mjumbe	RSO	0743114247
4	Salum Ng'onze	Mjumbe	SONGWE-RRH	0769006082
5	Ritha E Mlay	Mjumbe	MZRH	0756604601
6	Eonike Wavenza	Mjumbe	MZRH	0754542497
7	Elias N Mshana	Mjumbe	MZRH	0763016150
8	Julieth Rogastian Laswai	Mjumbe	MZRH	0718876950
9	Petro Peter Songi	Mjumbe	MBEYA-RRH	0718362333
10	Ditram Mendruf Mbunza	Mjumbe	MBEYA-RRH	0754047526
11	Aloyce Kavumika	Mjumbe	NJOMBE-RRH	0713894483
12	Shomari Omari Masenga	Mjumbe	NJOMBE-RRH	0758586032
13	Scholastica Laurent	Mjumbe	IRINGA-RRH	0755780918
14	Edgar Gabone	Mjumbe	IRINGA-RRH	0621009010
15	Obedi Daniel	Mjumbe	SONGWE-RRH	0782279398
16	Dr Salma M Bajber	Mjumbe	SONGWE-RRH	0684378815
17	Lusekelo Mwakatobe	Mjumbe	MZRH	0714441971
18	Sunday G Kanyama	Mjumbe	SONGEA-RRH	0764776470
19	Cecilia Ngatunga	Mjumbe	MZRH	0713644195
20	Haika Maro	Mjumbe	MZRH	0738656552
21	Angelica Wavenza	Mjumbe	RAS	0754542547
22	Ambele Philip	Mjumbe	S/WANGA-RRH	0784487150
23	Prosper Massawe	Mjumbe	S/WANGA-RRH	0759735903
24	Naima Mkingule	Mjumbe	MZRH	0715678888
25	Alinanuswe Mwansasu	Katibu	MZRH	0765314230



## 1. KUFUNGUA KIKAO

Mwenyekiti alifungua kikao mnamo saa 05:51 Asubuhi kwa MAOMBI, na kuwakaribisha wajumbe katika kikao. Mwenyekiti alieleza kwenye kikao kuwa tunawawakilishi kutoka Ofisi ya Usalama Mkoa (RSO), Ofisi ya Katibu Tawala Mikoa (RAS), Hospitali za Mikoa ya Iringa, Njombe, Mbeya, Songwe, Songea, Sumbawanga na wenyeji kutoka Hospitali ya Rufaa ya Kanda Mbeya pamoja na wazabuni wa makampuni sita ikiwa ni Mokasi Medical System, Pacific, Fabstech, Computertech, Anudha Ltd na Kas Medics Ltd.

Baada ya utambulisho huo mwenyekiti alitoa fursa kwa kila Mjumbe aweze kujitambulisha kwa jina na eneo analotoka. Wajumbe wa kikao walijitambulisha.

## 2. VIGEZO VINAVYOTUMIKA KATIKA MAJADILIANO NA MARIDHIANO:

Mwenyekiti alieleza kwenye kikao kuwa, kutakuwa na mjumbe ambaye atatupitisha na kutolea ufafanuzi katika kuongoza kikao na kufahamu vigenzo vitakavyotumika, Mwenyekiti alimkaribisha mjumbe aweze kueleza lengo na vigezo vitakavyotumika.

Mjumbe alijitambulisha na kuelezea vigezo vitakavyotumika katika majadiliano na maridhiano baina ya wajumbe kutoka katika Hospitali za Rufaa za Mikoa na Kanda na wazabuni wa makampuni yote yaliyoomba tenda ya kuuza na kusambaza vifaa na vifaa tiba.

Mjumbe alieleza vigezo hivyo kama ifuatavyo:-

- i. Gharama ya vifaa tiba, lengo ni kuangalia gharama nafuu bila kuathiri ubora uliopendekezwa. Pia kuzingatia gharama ambazo wamenukuu kama zina kodi ndani yake.
- ii. Huduma zitakazotolewa ikiwa na aina ya mkataba utakaotumika baada ya kupatiwa huduma kama utahusisha matengenezo bila gharama ya vifaa na ujira au ujira pekee yake, Pia wanakuwa na mwikio kiasi gani kifaa au mtambo utakapopata shida au kuharibika (muda wa matengenezo), uwepo wa wahandisi vifaa tiba na wataalamu wanaohusika na matengenezo (Idadi ya wataalamu walionao) na ujuzi wao,
- iii. Kupokea na kusimika vifaa na vifaa tiba/ mitambo, ilielezwa kuwa ni lazima tufahamu kuwa baada ya kushinda zabuni tujue vifaa vitaweza kupokelewa na kusimikwa kabla ya mwezi Aprili 2022.

- iv. Utaratibu wa malipo, ulielezwa kuwa ni lazima tuzingatie namna ambayo watatakiwa kulipwa kwa sababu fedha zitakuwa zinaletwa kwa awamu.
- v. Upatikanaji wa spea na vifaa vinavyotumika katika mashine mbalimbali, ilielezwa kuwa kama mzabuni atashinda zabuni ni lazima tufahamu kama vifaa vya mashine/mtambo vitahitajika, je? vinapatikana kwa urahisi ikiwa vipo nchini au kuagizwa na kama vinaagizwa nje ya nchi wanatuhakikishia vitachukua muda gani hadi kufika.

Baada ya mjumbe kutoa vigezo vitakavyotumika aliwasilisha kwenye kikao.

Mwenyekiti aliwakaribisha wajumbe kwa ajili ya kuchangia kama kuna la ziada katika vigezo hivyo.

Wajumbe wa kikao waliridhia vigezo hivyo na kushauri kuwa ni vema katika upande wa gharama ukidhi bajeti za hospitali zilizotengwa bila kuathiri ubora wa vifaa na vifaa tiba/mitambo vitakavyonunuliwa, pia tuangalie na uwezo wa mzabuni katika kuuza na kusambaza vifaa tiba kwa wakati kutokana na muda uliopangwa.

Mwenyekiti aliwashukuru wajumbe kwa michango yao pia alisisitiza kila hospitali kuangalia bajeti yake iliyotengwa kwa ajili ya ununuzi wa vifaa, vifaa tiba, mitambo na ujenzi ili usiathiri zoezi zima.

### 3. MAJADILIANO NA WAZABUNI:

Mwenyekiti aliwakaribisha wazabuni wote na kuwashukuru kwa mwitikio wa kuweza kufika, pia aliwatambulisha wajumbe na kuwaeleza kuwa wajumbe waliopo kuna uwakilishi kutoka Hospitali sita za Rufaa za mikoa ya Iringa, Njombe, Mbeya, Songea, Songwe na Sumbawanga na wenyeji wao Hospitali ya Rufaa ya kanda Mbeya, na kuna wageni kutoka Ofisi ya Usalama Mkoa (RSO) na Ofisi ya Katibu Tawala Mkoa (RAS) pamoja na wazabuni wa makampuni sita ambayo ni Mokasi Medical System, Pacific, Fabstech, Computech Anudha na Kas Medics Ltd.

Mwenyekiti baada ya kutoa utambulisho huo alimkaribisha mjumbe aweze kutoa utaratibu utakaotumika katika kuongoza majadiliano na maridhiano ya zabuni walizoomba.

Mjumbe alieleza kwenye kikao vigezo na utaratibu utakaotumika katika majadiliano na maridhiano kama vilivyoainishwa katika agenda namba 2.

Mwenyekiti aliwakaribisha wazabuni na kuanza majadiliano kwa kila mzabuni kama zifuataavyo:-

#### 1. MOKASI MEDICAL SYSTEM:

Mzabuni kutoka kampuni ya Mokasi alimshukuru mwenyekiti na wajumbe na kueleza kwenye kikao gharama za vifaa na vifaa tiba kama alivyonukuu kwenye zabuni.

##### a. MTAMBO WA CT - SCAN:

Mzabuni alieleza kwenye kikao kuwa gharama ya mtambo mmoja ni **Tshs 2,177,280,000/=** ikiwa ni seti nzima ambayo inahusu vitu vinavyohusiana na mtambo na visivyohusiana kama ilivyoonesha kwenye zabuni Na. ME/007/MBY/2021-2022/G/I na gharama hizo zinahusisha.

- Mtambo hadi kusimikwa kwenye eneo husika “Delivery to site”
- Mkataba wa matengenezo kwa miaka mitano” warranty” (comprehensive)
- Mafunzo kwa watumiaji na mafundi.
- Kuwepo na wataalamu katika kanda zote kwa ajili ya matengenezo na marekebisho ya kifaa/mtambo ukipata shida au kuharibika.
- Gharama hizo hazina kodi ndani yake kwa sababu serikali ilitoa msamaha katika uagizaji wa vifaa na vifaa tiba kwa ajili ya matumizi ya hospitali.

Baada ya mzabuni kuelezea hivyo aliomba apate muongozo wa kujua kama kuna kitu kimesahaulika au atoe maelezo sehemu ambazo hazijaeleweka.

Mwenyekiti alishukuru na kuwakaribisha wajumbe kwa majadiliano:

Wajumbe wa kikao walipenda kufahamu kuwa endapo atashinda zabuni utaratibu wa malipo upoje, pia waliomba gharama izeze kushuka kwa kuwa fedha iliyotengwa katika bajeti haikidhi gharama hizo kwa maelezo kuwa fedha iliyotengwa inahusisha ununuzi wa mtambo /machine ya CT Scan pamoja na ujenzi wa jingo au maboresho kwa macneo ambayo yanajengo. Aidha upunguzwaji wa gharama hizo usiathiri ubora wa kile walichokiomba.

Mzabuni alieleza kuwa kwa upande wa namna ya kulipa wao hawana tatizo watasikiliza wateja wanataka malipo yaweje pia alipenda kufahamu malipo yanafanywa na Serikali Kuu/Hospitali husika, hivyo kama watapewa muongozo wa namna ya kulipa hakuna tatizo ila kuwepo na “Guarantee letter of payment” “letter of credit”.



Kwa upande wa gharama kwa kampuni yao wanaweza kushusha kutoka Tshs 2,177,280,000/= hadi kiasi cha Tshs 2,085,000/=

b. MTAMBO WA "DIGITAL X RAY":

Mzabuni alieleza kwenye kikao kuwa gharama za mtambo mmoja ni Tshs 650,188,800/= ikiwa na mjumuisho ufuatao:

- Gharama zote hadi kufikishwa na kusimikwa kwenye eneo husika.
- Mkataba wa matengenezo kwa miaka mitano "warranty" (comprehensive)
- Mafunzo kwa watumiaji na mafundi.

Mwenyekiti akiwakaribisha wajumbe waweze kuchangai na kuona kama gharama hizo zipo kwenye wigo na bajeti zao.

Wajumbe walieleza kwenye kikao kuwa gharama hizo zipo juu hivyo waliomba ziweze kushushwa ziendane na bajeti zao kwa kuwa maeneo mengi fedha zimelengwa kwa ajili ya matengenezo na ujenzi wa sehemu ya kufungia/kusimika mitambo hiyo, pia katika gharama hizo kama zikiweza kushuka bei ya mwisho ni kiasi gani na zikibakia na upande wa "warrant" ya mwaka na "labour only" kwa miaka minne itakuwa kiasi gani?.

Mzabuni alieleza kwenye kikao kuwa gharama ya mwisho kabisa ni Tshs 627,000,000/= ikiwa ni warranty ya mwaka mmoja comprehensive na Tshs 453,000,000/= ikiwa na warrant ya mwaka mmoja comprehensive na labour miaka minne.

Mwenyekiti alishukuru kwa offer hiyo na kusema tunatarajia kuwasikiliza watu wengine.

## II. PACIFIC'S DIAGNOSTIC:

a. MTAMBO WA DIGITAL X- RAY

Mzabuni alieleza kwenye kikao kuwa gharama ya mtambo/mashine ya Digital X- ray ni Tsh. 565,000,000/= ikiwa na UPS lakini bila UPS ni Tsh 550,000,000 ikiwa na vitu vifuatavyo:-

- Matengenezo kwa miaka 5 (comprehensive)
- Mafunzo kwa watumiaji na wataalam/mafundi
- Kufikisha na kufunga hadi mahali husika
- Vifaa kupatikana kwa haraka inapotokea hitilafu

Wajumbe wa kikao walionmba gharama hiyo iweze kupungua uendane na uhalisia wa bajeti zao na wakapenda kufahamu endapo baadhi ya vitu vikapungua kama warrant itapungua ibakie kwa mwaka mmoja na labour miaka mine.

Mzabuni alieleza kwenye kikao kuwa gharama ya matengenezo inaweza kupungua kwa kiasi cha USD 1600 kwa rate ya 2340 kwa miaka minne ambayo ni sawa na Tsh 37,40,000/= hivyo na kufikia jumla ya Tsh 512, 560,000/=

#### b. MTAMBO WA CT – SCAN:

Mzabuni alieleza kwenye kikao kuwa gharama aliyoiweka ilikuwa hajahusisha upande wa vifaa ambavyo ni “non Ct Scan component” na kufanya kiasi cha Tsh 2,098,980,000/= na ikiwa na vifaa hivyo inakuwa jumla ya Tsh 2, 189,000,000/= gharama hizo zinahusisha:

- Kufikisha na kusimika mtambo
- Matengenezo miaka mitano (comprehensive)
- Mafunzo kwa watoa huduma
- Wataalamu na vifaa kuwepo pale vinapohitajika
- Mzabuni alishauri wajumbe kwa vitu ambayo ni “non- medical component” vitolewe kwa kuwa vinaongeza gharama na sio sehemu ya mashine ya CT- Scan.

Wajumbe wa kikao walitushukuru kwa ushauri na kuomba aweze kupunguza gharama ili tuendane na bajeti ya ununuzi na ujenzi wa majengo ya kusimika vifaa hivyo.

Mzabuni alieleza kwenye kikao kuwa gharama ambazo atapunguza ni uhalisia awezi kushuka zaidi ya hapo na kusema kuwa gharama ikiwa na vifaa vyote vya CT - Scan na “non CT -Scan component” ni Tshs 2,189,000,000/= na vifaa visivyokuwa na “non CT -Scan component” ni Tshs 2,090,000,000/=.

Pia alieleza utaratibu wa malipo ni malipo ya namna tatu, malipo ya awali (Advance payment) ya asilimia 60%, “Delivery of machine” asilimia 30% na 10% “after installation”, “commission” na kwa mafunzo malipo yatafanyika kwa “letter of credit” kwa kila awamu (Phase).

### III. FABSTECH:

Mzabuni alijitambulisha na kueleza kuwa yeye anahusika na upande wa ufungaji wa mfumo katika Hospitali “Telemedicine”.

Hivyo kutokana na zabuni aliyokuwa amepewa kuna kifaa kimoja kinabadilishwa na kufanya gharama kuongezeka kutoka Tshs 6,000,000 na kufikia Tshs 24,000,000 na kufanya gharama kupanda na kufikia Tshs.168,092,533 badala Tsh 150,381,933 iliyokuwa ya awali.

Wajumbe wa kikao waliomba kupunguziwa gharama kwa kuwa gharama hizo zipo nje ya bajeti za taasisi zao.

Hata hivyo, Mzabuni alieleza kwenye kikao kuwa gharama haiwezi kushuka kwa kuwa hiyo ni gharama halisi ya vifaa na upande wa usafirishaji umekuwa mgumu kwa kuwa upande wa meli inatumia muda mrefu na inabidi watumie usafiri wa anga ili kufikisha kwa wakati pia alishauri kama eneo la kupunguza gharama ni upande wa ufundi ambao badala ya kuwatumia wao, inawezekana kutumia wataalam wa ndani kufunga ambayo ni asilimia 3% ndio inatozwa

Wajumbe walipenda kujiridhisha ubora na uimara wa vifaa hivyo.

Mzabuni alieleza kuwa vifaa vingi vya TEHAMA vinakuwa na bora na pia ikitokea kinashida uwezekano wa kubadilishwa unakuwepo na upatikanaji wake ni rahisi.

#### IV. COMPTECH (GE)

##### a. MTAMBO WA DIGITAL X-RAY – MACHINE

Mzabuni alieleza kwenye kikao kuwa gharama za mashine ya Digital X-Ray ni Tsh 408,564,000/= ikiwa haina UPS na katika gharama hizo inahusisha.

- Kufikisha na kusimika eneo husika
- Matengenezo ya miaka mitano (Comprehensive)
- Mafunzo kwa wataalam na watumiaji
- Upatikanaji wa wataalamu huduma inapokwama pamoja na vifaa kwa muda mfupi.

Wajumbe wa kikao waliomba kupunguziwa gharama kwa mzabuni na kutaka kupata ufafanuzi kwa nini gharama hizo hazihusishi UPS.

Mzabuni alieleza kuwa katika mashine inatakiwa kutumika kifaa kimoja cha umeme kama ni stabilizer/UPS pia kabla ya kufunga vifaa tiba hivyo ni lazima ufanyike upimaji wa umeme kuondoa hitilafu.



Aidha kwa upande wa bei alipunguza hadi Tsh 370,000,000/= ikiwepo na stabilizer. Hivyo gharama ilipungua kutoka Tsh 408,564,000/= hadi Tsh 370,000,000/=

b. MTAMBO WA CT SCAN:

Mzabuni alieleza kwenye kikao kuwa gharama ni Tsh 2,120,000,000/= ikiwa na vitu vyote vilivyoandikwa kwenye zabuni na kuzingatia vigezo vya:

- Matengenezo (comprehensive )
- Mafunzo kwa watumiaji na wataalam
- Upatikanaji wa huduma za matengenezo na vifaa vinapohitajika kwa wakati.

Wajumbe walishukuru kwa gharama hizo ila waliomba gharama ipungue ili icendane na bajeti husika iliyolengwa ili na vifaa vingine viwepo na kushauri kwa vifaa vinavyoombwa ni vizuri pia kuzingatia kushuka kwa gharama kwa kuwa vinakuwa vifaa vingi.

Mzabuni alieleza kwenye kikao kuwa kwa gharama zake za mwisho zinaweza kupungua kwa Tsh 1,898,000,000 ikiwa na warranty ya miaka mitano comprehensive au gharama ya Tsh 1,755,000,000 kama vifaa vya "Non CT Scan Component" havitakuwepo na gharama zote hizo vikiagizwa kwa pamoja havilipiwi ushuru.

Aidha kwa upande wa mashine nyingine alizokuwa amejaza bei alipunguza kama ifuatavyo:-

- Portable cardiac monitor kutoka Tsh 21,060,000 hadi Tsh 19,560,000
- Digital mobile X-Ray kutoka Tsh 280,316, 470 hadi Tsh. 275,316,470

Alieleza kuwa gharama hizo ni pamoja na matengenezo miaka mitano (comprehensive).

Utaratibu wa malipo alieleza kuwa malipo ya vifaa vyote yatalipwa kwa awamu mbili, Wakati wa kupokea vifaa "Delivery" asilimia 90% na wakati wa kusimika "installation" 10% (Installation) wanafanya hivyo kwa kuwa ni kampuni inemtuma kufanya hivyo lengo ni watu wengine wafahamu kama kampuni hiyo ina uwezo na uhakika wa huduma.

V. ANUDHA

Mzabuni alieleza kwenye kikao kuwa kwa kuwa wao wanabidhaa nyingine zaidi wanaomba tuangalie bidhaa ambazo tunaona gharama ipo zaidi kama wataweza kupunguza au la, pia alishauri sio vifaa vyote vitaweza kushuka bei na utaratibu wa malipo ni watafiti wa kupokea mzigo "delivery" ni asilimia 60% na kufunga "installation" asilimia 40%.

Pia kwa baadhi ya vifaa vidogo vidogo ambavyo havikuweza kutajwa atapunguza asilimia mbili (2%) .

Mwenyekiti aliomba wajumbe wote wapitie vifaa vyao na kuona bajeti zao hivyo mapendekezo yalitokea kama inavyosomeka kwenye Kiambatanisho "A".

#### VI. KAS MEDICS

Mzabuni alieleza kwenye kikao kuwa kwa gharama walizoweka kwenye zabuni katika upande wa mashine zinausisha na ufundi kwa miaka mitano "comprehensive" kama vifaa hivyo vitatumia pamoja na vitendanishi kutoka kwao na uratibu wa malipo utakuwa, malipo ya awali "Advance paymen" 65% na delivery ni asilimia 35%

Mwenyekiti aliomba wajumbe pia wapitie bajeti na kuona vifaa vilivyopendekezwa kulingana na mahitaji yao, na baada ya maridhiano gharama ziliafikiwa kama inavyoonekana kwenye Kiambatanisho "B".

#### 4. MENGINEYO:

Hakukuwa na mengine.

#### 5. KUFUNGA KIKAO:

Mwenyekiti alifunga kikao mnamo saa 4:25 usiku Kwa MAOMBI na kuwashukuru wajumbe wote kwa kazi nzuri walizofanya.

  
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MWENYEKITI

03.12.2021  
TAREHE

  
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KATIBU

SN	ITEM	Supplier	Unit price	Agreed price after Negotiation	Department
1	ANAESTHETIC MACHINE	Anudha	51,840,000	51,000,000	EMD
2	Burr hole set	Anudha	1,500,000	1,470,000	EMD
3	BLOOD GAS ANALYSER	Anudha	12,000,000	11,700,000	EMD
4	Video laryngoscope	Anudha	6,250,000	6,000,000	EMD
5	Emergency curt	Anudha	1,500,000	1,750,000	EMD
6	Ophthalmoscope	Anudha	1,400,000	1,350,000	EMD
7	WALL MOUNTED OTOSCOPE	Anudha	1,400,000	1,350,000	EMD
8	Pulse oximetry	Anudha	850,000	800,000	EMD
9	POP cast remover Electrical	Anudha	850,000	833,000	EMD
10	Suction device: powered (electric or pneumatic)	Anudha	1,350,000	1,300,000	EMD
11	Ward screens	Anudha	400,000	380,000	EMD
12	DIGITAL MOBILE XRAY	GE/COMPUTECH	280,316,470	275,316,470	EMD
13	Diathermy machine	Kas Medics	16,000,000	15,520,000	EMD
14	Ultrasound machine with abdominal.linear and cardiac probe	Kas Medics	64,000,000	62,720,000	EMD
15	OPERATING LAMP	Kas Medics	20,000,000	19,500,000	EMD
16	FOETAL MONITOR	Kas Medics	3,400,000	3,230,000	EMD
17	Automated external defibrillator	Kas Medics	3,500,000	3,395,000	EMD
	ITEM	Supplier	Unit price	Agreed price a	Department
1	Continous or bi-level positive airway pressure machine (CPAP, BiPAP)	Anudha	12,500,000	12,250,000	ICU
2	Phototherapy machine	Anudha	3,500,000	3,200,000	ICU
3	Infant baby warmer	Anudha	4,500,000	4,300,000	ICU
4	Defibrillator MACHINE with pacing capabilities	Anudha	23,900,000	26,400,000	ICU
5	ECG machine with 12 lead electrodes	Anudha	5,200,000	5,000,000	ICU
6	Heavy oxygen concentrator	Anudha	4,000,000	3,800,000	ICU
7	Patient slide for stretcher transfers	Anudha	1,100,000	1,000,000	ICU
8	PORTABLE ULTRASOUND MACHINE	Anudha	22,800,000	22,000,000	ICU
9	Portable pt Cardiac Monitor	GE/COMPUTECH	21,060,000	19,560,000	ICU
10	ICU Beds with CPR capability	Kas Medics	6,750,000	6,547,500	ICU
11	Fluid warmer	Kas Medics	5,000,000	4,800,000	ICU
12	Stretchers and gurneys (wheeled stretchers)	Kas Medics	2,500,000	2,400,000	ICU
13	Heavy suction machine	Kas Medics	2,800,000	2,730,000	ICU
14	Voltage stabiliser	Kas Medics	1,500,000	1,450,000	ICU
15	INFUSION PUMP	Kas Medics	1,900,000	1,748,000	ICU
16	SYRINGE PUMP	Kas Medics	2,000,000	1,840,000	ICU
17	Laryngoscope with stylet and bougie	Kas Medics	1,800,000	1,800,000	ICU
18	Heavy duty mechanical ventirator	Mokasi	43,000,000	42,000,000	ICU
19	I-start Machine	Mokasi	18,000,000	17,550,000	ICU