***ANNEXII+III:* TECHNICALSPECIFICATIONS+TECHNICALOFFER**

**Contract title: Supply of Medical Drugs, Laboratory Reagents, Medical Consumables and Medical Equipment** **p1/…**

**Publication reference:** 45/CUAMM/ETH/2025/AID 05/12282/ETH

**Columns1-2shouldbecompletedbythecontractingauthorityColumns3-4shouldbecompletedbythetenderer**

**Column5isreservedfortheevaluationcommittee**

Annex III- the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

* Column2iscompletedbythecontractingauthorityshowstherequiredspecifications(nottobemodifiedbythetenderer),
* Column3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
* Column4allowsthetenderertomakecommentsonitsproposedsupplyandtomakeeventualreferencestothedocumentation

The eventual documentation supplied should clearly indicate highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the model sand the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

1. **Medical Equipment for Shire and Indabaguna Health Facilities**

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|  | **Ambu Bag**  Specifications: 500 ml pediatrics size (0 and 1)  Unit: Pcs  Quantity: 10  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Ambu Bag**  Specifications: 1500 ml, adult size  Unit: Pcs  Quantity: 4  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Anesthesia Machine**  Specifications:   * Shall have pipelines attachment for oxygen, nitrous oxide and compressed air * Shall have yoke assembly for oxygen and nitrous oxide with pin index system. * Durable main switch to put the machine in the on or off position. * In-built C Integrated Anesthesia Gas Monitoring * The complete set-up shall include patient circuit, monitor and In-built ventilator * Shall have an anesthetic gas scavenging system * Shall have cascade double tube bobbin type flow meters for oxygen and nitrous oxide and single for air. There should be digital control and display for oxygen C electronic gas mixing. * shall be provided with mechanical hypoxic guard * Shall have extra flow meters for oxygen only * Shall have oxygen flush with a flow rate of more than 35L/min * Shall be able to hold TEC-7 type any of two- (Isoflurane, Halothane, Sevoflurane) selecta Tec vaporizers simultaneously. Vaporizers shall be maintenance free. * APL valve assembly and Bag mount should be conveniently placed * Shall be provided with two or more drawers * Machines should have a good quality handle and castors to move the machine with a locking system.   **Should have safety features like**   * Minimum oxygen flow of 50ml/min or more even when the machine is in on position * It should provide 25% or more oxygen when an anesthetic gaseous mixture is in used.   **Co2 absorber system with the following features:**   * Single/Double canister * Autoclavable canister * Canister capacity of 1.2kg or more * It should be possible to bypass the canister if removed during   **The ventilator of the machine shall have the following features: -**   * Ventilators have automatic mode detection. * It should be electronically controlled. * Shall be suitable for pediatrics, adult and newborn. * Monitor should have 12” color screen and color coding for displayed parameters * Volume and pressure control mode of ventilations. * Both SIMV and pressure support mode. * Tidal volume ranges from 20ml to 1200 ml * Respiratory rate from 4 to 80 or more * I:E ratio: 1:0.04 to 1:6 * Inverse Ratios: 2:1 to 3:1   Display:   * Shall display respiratory rate, peak airway pressure and PEEP * There shall be no collection of water in the breathing system. * Shall have independent oxygen sensor for FiO2 monitor and flow sensor for spirometry.   **Integrated monitoring system**  **Display**: the machine must in-bult with at least 15” LCD display with 12 or more waveforms displayed at a time.  Shall be touch screen  Display shall indicate measured values: O2 (Paramagnetic), real time capnograph, anesthetic agents condition, Tidal Volume, Minute Volume, Frequency, PEEP, Mean pressure-in graphic form with numerical display.  Shall drug dosage indicator calculation  **Shall be able to display at least two waveforms at a time either of the following:**  Pressure vs time  Volume vs time  Pressure vs volume  **Flow meter:**Machines should provide electronic gas mixing with digital control for O2, N2O and Air.  It accommodates the following main parameters:  For **O2**: 0.1-10L/m  For **N2O**: about 0.1-10L/m  For **Air**: 0.1-10L/m  Oxygen and Nitrous oxide anesthetic agent in the inspired mixture  Oxygen saturation of the blood with both adult, pediatric probes and sensors  Airway pressure monitoring should be present  Temperature monitoring with 2 probes esophageal/ rectal and skin probes  **Mounting:**  Mobile stand mount for the unit  Heavy duty steel of enamel finished with strong drawer, compartment for ventilation and anti-static castors with two brakes  Individual locking front castor brake  Shall have in-built Hypoxia guard  O2 flash valve: push button type O2 flow volume approximately not less than 50-70 L/min.  Canister: easily detachable double chambered clear acrylic type. Its volume should be greater than 1400ml.  Water C Particle Trap.  POP of valve should prevent over pressure with surplus gas evacuation adaptor and open close circuit selector knops.  **Alarm safety system features**  Low O2 concentration alarm sound with indicator light  Low O2 supply pressure alarm sound C N2O supply shut off system  A N2O safety device which automatically cuts off the N2O flow when the O2 supply pressure drops below 1kgf/cm2  N2O shall not be obtained until at least 1.5lt of flow is surely obtained constantly.  Respiratory rate: 5 to 70 cycles/min  **FiO2 monitoring system**  Display fit with manometer, range approx.: - 10 to 100 mbar  Front panel shows status, errors and sensors failure (low/high pressure, power failure)  Audio-visual alert on low/high pressure, apnea, power failure  Display of operational status, with set and measured values  Front panel shows status and errors (low/high pressure, power failure, battery status)  Oxygen flush: 25-75ml  It should be equipped with self-test routines and automatic calibration of all sensors.  **Patient monitoring system**  Should be able to measure the following parameters:  3/5 lead ECG with electrocautery C defibrillator filter with ST Segment C arrhythmia detection with analysis,  Shall measure Respiration, SpO2, temperature, NIBP, IBP, ETCO2  Multi –Gas analysis with auto detection of all anesthetic agents  Upgradable to cardiac output (thermos dilution) monitoring.  **5. System Configuration Accessories, Spares, Consumables and other components:**  Reusable SpO2 Sensors: 2 each for Adult, Pediatric C Neonatal.  3 Lead ECG cable with cords- 01 C 5 Lead ECG cable with cords-01.ECG reusable/disposable electrode connector tip: 01 set  NIBP Cuff: 2 each for Adult, Pediatric C Neonate  IBP Transducers: Disposable 10 nos  IBP Cable: 2 nos  EtCO2 Sample Line: 10 no’s  2 x spare fuses.  2x HME filters  5 x Serializable oxygen facemask for adults and for Pediatrics each.  2 x Pediatric reusable breathing circuit (tubes/balloons/ valves / masks)  3 x Adult reusable breathing circuits (tubes / balloons / valves / masks)  2 x Neonatal reusable breathing circuit tube/(tubes / balloons / valves / masks)  5 x Spare parts/maintenance kit (air filters, tubing, O rings)  Shall have trolley with upper shelf and medical utility rail integrated support for two 10L anesthetic gas cylinders (O2, N2O)  All accessories and spare parts required to operate the equipment shall be provided  **6. Operating Environment;**  Operating Temperature: +10 °C to + 32°C  Relative humidity: < 85%  **7. Utility Requirements:**  Electrical Power Supply: 220VAC +/-10%, 50Hz  Built-in rechargeable battery, autonomy approx. 2 hrs. with Automatic switch to battery in case of power failure, automatic recharge when connected to mains  **8. Standards and Safety Requirements:**  Shall I meet IEC-60601(Or Equivalent) General Requirements of Safety for Electromagnetic Compatibility  Shall meet ISO 13485 Medical Device Quality Management system (Or Equivalent)  **G. Installation, Training and Commissioning:**  The supplier must provide installation, and commissioning of the device at health Facility  The supplier must provide on sight technical and end user training  **10. Warranty and After Sale service:**  The supplier must be providing a minimum of two years warranty including labor and spare part from the date of commissioning.  After basic warranty the supplier must agree to after sales service  **11. Documentation:**  User and service manual in English  An original catalogue of suppliers and specification sheet must be attached. Copy and paste of the organization  specifications will result in the rejection of the technical analysis stage.  Packing all the goods clearly marked and securely packed.  Each good will be further packed in separate packages with all its standard accessories of distinct identification and numbers consecutively.  Additional packing and labeling requirements should bear in each package  Each item with all accessories /spare part shall be configured and packed in one unit.  Unit: Pcs  Quantity: 01  Expires Date: N/A  Delivery: CUAMM Addis Ababa |  |  |  |
|  | **Sterilizer – Steam, 200L** Specification: **Clinical Purpose/Description:**  Steam Sterilizer used in the destruction of all forms of microbial life on medical instrument by exposing the object to moist heat at high temperature and pressure.  **Technical Specification:**  Shall be a fully automatic microprocessor based High pressure, high vacuum autoclave for sterilizing material  Shall be front loading, well insulated jacket  Chamber Volume minimum 200 liters  Shall have single vertical sliding door to have a pass through system.  Door should be electrically controlled having fully automatic function with multiple safety arrangements.  Sealing system should be based on silicone seal.  Shall be high grade Stainless steel.  Shall have a built in color touch screen.  Shall have audio visual alarms in case of undesired situations.  Shall have programmable Operators access level.  Shall have temperature adjustable from 121 Deg. to 134 Deg. C.  The unit should be equipped with multiple safety mechanisms for Emergency Stop over pressure safety valves for chamber and jacket, over temp safety, steam traps and electrical safety.  Steam generator should be integrated in the system.  Shall have built in feature of Water Saving System for water conservation.  The steam Generator should be equipped with automatic cleaning facility.  Integrated waste water cooling, integrated water saving device.  **Accessories and Spares**  4x heater  Internal trolley with steel roller  Shelves  2 sets of Sterilization baskets.  5x Extra gasket  External trolley  Water softener compatible with the size and model of the main unit.  All standard accessories, consumables and parts required to operate the equipment shall provide.  **Utility Requirements:**  Electrical Power Supply: 380 VAC +10%, 50Hz  **working temperature**  ≥35⁰c  The supplier must provide installation, and commissioning of the device at health Facility  The supplier must provide on sight technical and end user training  **Warranty**  The supplier must be providing minimum of two years warranty including labor and spare part from the date of commissioning.  **Documentation:**  User and service manual in EnglishUnit: pcs  Quantity: 2  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Delivery coach**  Specifications: HL-A231A delivery   * Bed, labor and delivery, 2 sections. * All sections fit with padded mattress, detachable from bed for easy cleaning. * Mattress covers removable via side zipper.   **Body section:**  • Mounted on 4 sturdy supports, finished with rubber feet.  • Knee crutch holders welded to the frame of the bed.  • Crutches are height and width adjustable, set with sturdy clamps with heavy knob.  • Leg section  • Mounted on swivel castors, of which two with brakes.  • This section recesses entirely under body section.  • When fully extended, both sections align to perfectly flat surface.  **Materials:**  • High resistance to corrosion (tropical environment).  • Frame: epoxy coated tubular steel.  • Sliders/fixtures for the knee crutches: tubular steel, welded to the bed frame.  • Recession tracks smoothly finished for easy sliding.  • Mattress: high-density polyurethane foam, density approx. 30 kg/m3.  • Cover: plastic, flexible highly tear resistant, anti-static, flame retardant, disinfectant- and liquid proof, washable.  **Dimensions:**  • Body section: approx. 1000 x 900 x 750 mm (l x w x h).  • Leg section: approx. 900 x 850 x 750 mm (l x w x h).  • Frame, diameter: approx. 40 mm.  • Swivel castors, diameter: approx. 120mm.  • Mattress: approx. 100 mm (h)  Carrying capacity: approx. 150kg.  **Supplied with:**  • 1 x set of tools required for assembly.  • 2 x leg holders with canvas straps, adjustable height and width.  • 2 x knee crutches, adjustable height and width.  • 1 x set fitting mattresses, body and leg section.  • List of parts.  Unit: Pcs  Quantity: 2  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Digital BP apparatus**  Specifications: Adult; with power display 4xAAA Batteries or Micro-USB cable, LCD display 60x64mm, Cuff pressure range:0~299 mmHg  Blood pressure measurement range: SYS 60-230 mmHg, DIA 40-130 mmHg  Pulse measurement range: 40-199 beat/min, Cuff type 22-42cm or 22-32cm (optional), Dimensions 100x129x45mm, Type BF applied part and IP21  Unit: pcs  Quantity: 7  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **IV stand**  Specifications:   * Stainless steel structure * With double or four hooks * Height adjustable from 1 to 2 mt high * Central ring for height adjustment * Based on stainless steel structure with castors   Unit: pcs  Quantity: 5  Expires Date: N/A  Delivery: CUAMM Addis Ababa |  |  |  |
|  | **Minor Surgical Set**  **Specification**  **Clinical Purpose/Description:**  A set of surgical instrumenst used for minor surgical procedures.  **Technical specification**  Material: Medical grade stainless (304)  Re-usable  With laser mark description  The set contains the following instruments:  2x Scalpel Handle No. 3  1x Operating Scissors Straight Sh/Bl, 140 mm  1x Mayo Scissors Straight, 140 mm  1x Mayo Scissors Curved, 140 mm  6x Forceps Coller Curved, 140 mm  4x Forceps Coller Straight, 140 mm  6x Forceps Coller Curved, 160 mm  2x Adson Tissue Forceps, 1 x 2. 5"  2x Forceps Allis 4 x 5, 6.25"  4x Ochsner Forceps Straight, 6.25"  6x Forceps Skillman Mosquito Straight, 130 mm  6x Forceps Skillman Mosquito Curved, 130 mm  6x Backhaus Towel Clamp, 5.25"  2x Foerster Sponge Forceps, 9.5"  1x Probe with Eye, 5.5"  1x Grooved Director, 5.5"  2x Needle Holder Mayo Hegar, 6"  2x Miller Senn Retractor Sharp, 6.25"  2x Parker Retractor, 5"  1x Weitlaner Retractor Sharp, 6.5"  1x Metzenbaum Scissors Curved, 5.5"  1x Metzenbaum Scissors Curved, 7"  1x Forceps Tissue, 1 x 2, 5.5"  1x Forceps Thumb Serrated Tips, 5.5"  1x Forceps Sponge Holding, 7"  1x DeBakey Tissue Forceps, 6"  2x Murphy Retractor, 4 Prong, Sharp  1x Cushing Vein Retractor, 8"  1x Weck Rack, 15".  1x Instrument Tray  Unit: Set  Quantity: 2  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Operative microscope**  **Specifications:**  An operative microscope is a specialized optical instrument used in various surgical procedures, providing a magnified and illuminated view of the surgical site.  General Features and Specifications:  Magnification:  Operating microscopes typically offer continuous magnification (zoom) or multiple fixed magnification settings.  Objective Lenses:  These lenses, such as those with F=200mm, F=250mm, or F=300mm focal lengths, determine the working distance and depth of focus.  Eyepieces:  Widefield eyepieces are common, with magnifications ranging from 10x to 12.5x, and may offer diopter adjustments for spectacle wearers.  Binocular Tubes:  Tiltable binocular tubes allow for ergonomic adjustments and accommodating different surgeon heights.  Illumination:  LED illumination is prevalent, offering high intensity and red reflex illumination for various surgical needs.  Filters:  Heat-absorbing, blue correction, yellow, and red reflex filters are commonly included.  Arm and Base:  Floor-standing microscopes with adjustable arms and electromagnetic brakes provide stable and maneuverable positioning.  Digital Imaging:  Many models incorporate integrated video cameras and recording capabilities, allowing for documentation and broadcasting of surgeries.  **Utility Requirements:**  Electrical Power Supply: 100 - 240VAC  **working temperature**  **≥35⁰c**  **Installation, Training and Commissioning:**  The supplier must provide installation, and commissioning of the device at health Facility The supplier must provide on sight technical and end user training  **Accessories and Spares**  LED 4x  **Warranty**  The supplier must be provide minimum of two years warranty including labor and spare part from the date of commissioning.  **Documentation:**  User and service manual in English  Unit: Pcs  Quantity: 1  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **OR Light, Mobile**  Specifications: **Clinical Purpose/Description:**  A mobile type operating light provides an optimal shadow free lighting for carrying out surgical procedures in an emergency environment.  **Technical Specification:**  The unit comprises of spring balanced articulating arm.  Have continuous dimmer, continuous focus adjustment, and continuous field adjustment.  Auxiliary light source included for extra operations  No infrared or ultraviolet radiation and  Sterilizable removable handle to regulate light field size  Light intensity: not less than 150,000 lux  Color temperature: ≥ 4000 K  Diameter of light head: not less than 0.60cm  Dimming Range 30 - 100°/o  Lifetime of LEDs ≥ 50,000 hrs  **Utility Requirements:**  Electrical Power Supply: 100 - 240VAC  **working temperature**  ≥35⁰c  **Installation, Training and Commissioning:**  The supplier must provide installation, and commissioning of the device at health Facility  The supplier must provide on sight technical and end user training  **Accessories and Spares**  Led light 5x.  **Warranty**  The supplier must be provide minimum of two years warranty including labor and spare part from the date of commissioning.  **Documentation:**  User and service manual in English  Unit: pcs  Quantity: 2  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Oxygen concentrator**  Specifications: Monitors the oxygen produced and ensures patient safety and reliability for longer service.  Unit Shall tested in high temperature and high humidity for extended periods of time.  Should be Proven rotary valve design  Maintains oxygen purity up to 5000 ft/ 1524 m  Have Auxiliary Oxygen Port  Shall have lockable flowmeter  Outlet Pressure: not less than 20.0 ± 1.0 psi (138 kPa +/- 7 kPa)  Oxygen Percentage: 2-10 LPM=87%-96%  Product Dew Point: -73°C (-100°F)  Alarms Audible and visual: high pressure, low/high flow, low oxygen, high gas temperature, power failure, Oxygen Sensing Device  (OSD).  **Alarms indicate:**  Power failure  High gas temperature  High pressure  Low/high flow  Low oxygen  Service required  Have Pressure-compensated flow meter to ensure accurate flow display.  Have Pressure-relief valve and thermal protection on the compressor.  Should be Flame-retardant cabinet  Should be Double insulated unit and two-prong plug  Sound Level: 60 dB average  Compact and easy to transport (Mobile on Castors).  Dual-head Compressor.  Fixed humidifier port and recess shall prevent bottle and connector breakage.  **5. System Configuration Accessories, Spares, Consumables and other components:**  Supplied with Low Output Flowmeter  Supplied with a minimum of 2 meters High Flow Nasal Cannula  Supplied with High Flow Bubble Humidifier  Supplied with Low Flow Bubble Humidifier  Supplied with Oxygen Outlet Connector  Filters:  Air Filter  Compressor Filter  Intake/inlet Filter  Bacteria Filter  3x Face Masks (Adult, Infant, Newborn)  **6. Operating Environment;**  Operating Temperature: +10 °C to + 32°C  Relative humidity: < 85%  **7. Utility Requirements:**  Electrical source requirements: Voltage: 220VAC, + 10% , 50Hz  **8. Standards and Safety Requirements:**  Shall it meet IEC-60601(Or Equivalent) General Requirements of Safety for Electromagnetic Compatibility  Shall meet ISO 13485 Medical Device Quality Management system (Or Equivalent)  **G. Installation, Training and Commissioning:**  Supplier to perform safety and operation checks before handover for some samples  Training of users in operation and basic maintenance shall be provided  **10. Warranty and After Sale service:**  The supplier must provide minimum of one year warranty including labor and spare part from the date of commissioning.  **11. Documentation:**  User and service manual in English  An original catalogue of suppliers and specification sheet must be attached. Copy and paste of the organization specifications will  result in the rejection of the technical analysis stage.  Packing all the goods clearly marked and securely packed.  Each good will be further packed in separate packages with all its standard accessories of distinct identification and numbers  consecutively.  Additional packing and labeling requirements should bear in each package  Each item with all accessories /spare part shall be configured and packed in one unit.  Unit: Pcs  Quantity: 3  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Pulse oximeter**  Specifications: Display of oxygen saturation and pulse rate.  • Oxygen saturation measurement range from 0 -100%.  • Pulse strength perfusion indication  • Capability of Plethesomography.  • Pulse rate measurement from 20-250 bpm.  • Visual and audible indication of alarms.  • High and low alarms settings.  • Adult finger and pediatric sensor (reusable type)  **Power requirements:**  • Power of 220 V± 10%, 50 Hz.  • Built-in re-chargeable battery  Unit: pcs  Quantity: 10  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Vacuum extractor (Electrical)**  Specifications: Complete with interior cups 40,50 & 60mm  • Bottom plates and one traction handles  386   * With all tubing and accessories   Unit: pcs  Quantity: 1  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Radiant warmer**  Specifications: Phoenix Infant Radiant warmer  Mobile freestanding fixed-height overhead radiant warmer  • Can be used in combination with a newborn and infant bed  • Sturdy and stable construction on 4 antistatic bal-bearing swivel castors, 2 with breaks  • Side handles facilitate positioning  • Hood integrates heating element and light  • Vertical column integrates controls and displays  • Overhead exanimation light: 2 x 40 W halogen spot, with dimming function  • Heating element: emitter with parabolic reflector protected by metal grid  • Preset skin temperature, range approx: 34 to 38 C, increments 0.1 C  • Temperature preset drives heater output in servo mode  • Easy switch between servo and manual mode  • Skin temperature monitoring via sensor, range: 30 to 42 C (sensitivity 0.2 C)  • Sensor thermistor based and factory calibrated  • Preset heater output: 0 to 100 %, in 10 % increments  • Integrated timer, preset: 1 to 59 min with up/down count feature, increments 1 min  • Auto-off at time elapse  • Audiovisual alarm on skin temperature (+/- 0.1 C of preset value) and time (elapse)  • Large LED display shows: Heater output preset in Watt  Mode (servo or manual)   Preset skin temperature   Actual skin temperature   Air temperature   Elapsed or remaining time  • Display reports system errors such: sensor malfunction, timer failure, low/high temperature  • Dimensions, approx: 0.90 x 0.80 x 1.90 m (l x w x h)  • Power requirement: 220 V / 50 Hz  • Power consumption, approx: 800 W  Unit: pcs  Quantity: 1  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Electrical Suction machine**  Specifications: **suction machine, ELEC, 2 Bottle**  **General Description:**  Pump, suction, surgical, 2 bottles, with accessories  **Technical Specifications**:  • Electrical suction pump for use during surgical interventions  • With 2 graduated plastic jars autoclavable, each with a capacity of 2 L  • On 4 antistatic bal-bearing swivel castors, 2 with breaks  • Jars are covered and fitted with overflow valves and antibacterial filters  • Suction flow maximum, approx: 60 L/min  • Vacuum adjustable from 0 to approx: - 900 mmHg  • Control panel fit with analogue vacuum meter, vacuum control button and on/off-switch  258  • Foot switch activates actual suction  • Provided with handle for easy moving  • Rounded design and easy-to-clean casing  • Silent operation  • Power requirements: 220 V / 50 Hz  • Power consumption, approx: 500 W  **Supplied with parts:**  3 x Set of silicone tubes (diam: 8 x 14 mm– length approx: 2.5 m) and bi-conical connectors  1 x Spare jar of 2 L with cover, gasket and overflow valve  1 x Set of spare antibacterial filters  1 x Set of spare fuses  Supplied with clear instructions / diagrams for use and assembly in English language, and with a list of accessories / parts.  Unit: pcs  Quantity: 1  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Wheel Chair**  Specification   * Manual Wheelchair: Propelled by user or caregiver.   Frame Material:   * Construction: Lightweight aluminum or steel for durability and strength. * Finish: Powder-coated for corrosion resistance. * Weight Capacity: till 150 Kg * Front Wheels: Swivel or fixed, typically 6 to 8 inches in diameter. * Rear Wheels: Larger (typically 24 to 26 inches) for better traction and stability. * Tires: Pneumatic (air-filled) or solid, depending on terrain requirements.   Braking System:   * Type: Push-to-lock or lever-operated brakes for safety. * Functionality: Easy to engage and disengage.   Seat and Upholstery:   * Material: Durable, breathable fabric or vinyl for comfort and ease of cleaning.   Armrests:   * Type: Removable, adjustable, or fixed armrests for user convenience. * Padding: Soft padding for comfort.   Footrests:   * Type: Swing-away or elevating footrests for accessibility. * Adjustability: Height-adjustable options for customized fit.   User Instructions:   * Clear instructions for assembly, adjustments, and maintenance.   Unit: pcs  Quantity: 1  Expires Date: N/A   * Delivery: CUAMM Addis Ababa |  |  |  |
|  | **Stethoscope**  **Specification: standard**  **Unit: pcs**  **Quantity: 8**  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED |  |  |
|  | **Digital thermometer**  **Specification: standard**  **Unit: pcs**  **Quantity: 8**  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED |  |  |
|  | **Plastic MVA set (Manual)**  **Specification: standard**  **Unit: pcs**  **Quantity: 2**  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED |  |  |
|  | **Examination coach**  **Specification: standard**  **Unit: pcs**  **Quantity: 1**  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED |  |  |
|  | **Vaginal Speculum**  **Specification: standard**  **Unit: pcs**  **Quantity: 1**  Expires Date: N/A  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED |  |  |
|  | **Height measuring board**  Specifications: Portable 203 cm x 0.1cm -for all ages  Unit: Each  Quantity: 12  Expires Date: 12 months or longer  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Weight measuring scale**  Specifications**:** (2 in 1) mother/Baby  Unit: Each  Quantity: 12  Expires Date: 12 months or longer  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |

**Lot 2- Laboratory reagents for Shire and Indabaguna Health Facilities**

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| --- | --- | --- | --- | --- | --- |
| **1.**  **Item number** | | **2.**  **Specifications required** | **3.**  **Specifications offered**  **TO BE FILLED BY THE SUPPLIER** | **4.**  **Notes, remarks, ref. to documentation** | **5.**  **Evaluation committee’s notes** |
|  | **Clinical Chemistry**  Specifications: **Creatinine reagent**  Unit: bottle of 100 ml  Quantity: 10  Expires Date: 12 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | Screening test  Specifications: **Fecal Occult Blood**  Unit: box of 50 kit  Quantity: 10  Expires Date: 12 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Glucometer strip**  Specifications: **VIVA**  Unit: box of 50 strips  Quantity: 100  Expires Date: 12 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | Serology  Specifications: **Anti-A, Anti-B, Anti-D Monoclonal Antibody**  Unit: 3x10ml  Quantity: 80  Expires Date: 12 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | Serology  Specifications:  **Helicobacter Pylori (H. Pylori) Antigen Test Strip**  Unit: 50 tests  Quantity: 60  Expires Date: 12 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Serology**  Specifications: **Occult Blood Immunological Immunochromatographic Test**  Unit: 50 tests  Quantity:25  Expires Date: 12 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | Serology  Specifications: **Serology nucleic Antibody (ANA)**  Unit: box 50  Quantity:20  Expires Date: 12 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Reagent**  Specifications: **Zibio Diluent**  Unit:20 Li  Quantity:40  Expires Date: 12 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Reagent**  Specifications: **Zibio LYSE**  Unit: 500 ml  Quantity:30  Expires Date: 12 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
|  | **Reagent**  Specifications: **Zibio Pro Cleaner**  Unit: 100 ml  Quantity:10  Expires Date: 12 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |