***ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER**

**Contract title: Medical equipment’s and Laboratory Reagents** **p 1 /…**

**Publication reference:** 48/CUAMM/ETH/2024/ PFA-ETH-12062-01194-3-00

**Columns 1-2 should be completed by the contracting authority Columns 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

Annex III - the contractor's technical offer

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

* Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

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 models and 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.

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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** |
| **LOT 1–Medical Equipment for the Health Center** | | | | | |
| **1** | **Portable oxygen concentrator**  Specifications: rechargeable, used for patient transport during referral,>90% of oxygen purity, a battery capacity of > 3.5hrs, Oxygen flow 1000ml/min @setting 5 with 5 flow settings,  Unit: pcs  Quantity: 1  Expires Date: N/A  Delivery: CUAMM Addis Ababa | | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
| **2** | **Centrifuge Electrical**  Specifications: Bench top type which holds 12 samples, Large LCD screen with clear indication of running condition including time and speed, Rotor speed up to 6000rpm  Timer 1-99 minutes  Lid locking and holding, emergency lid lock release  Metal housing, aerosol-proof-lid, stainless steel chamber.  Automatic imbalance recognition.  Unit: pcs  Quantity: 1  Expires Date: N/A  Delivery: CUAMM Addis Ababa | | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
| **3** | **Patient Monitor**  **Specifications:** Monitoring 6-parameters: ECG and Heart Rate (HR), Respiratory Rate (RR), SpO₂, non-invasive blood pressure, and Temperature. Adjustable signal amplitude and sensitivity. Colour flat panel display ≥ 10.4 inches. Multi-waveform and parameters visualization, up to 7 wave forms simultaneously. Ability to remove unwanted parameters from display. Defibrillator sync and protection. Patient information and trend internal database. Ability to save a minimum of 72 events. Trend storage ≥ 24 hours. Data and network interface, LAN, USB or equivalent. Suitable for standard bed/wall rail and pole stand mount. Robust design for use in demanding environment. Designed for frequent and easy dismount and disinfection with hospital-grade products. Automatic self-test and continuous system monitoring. Built-in rechargeable battery, autonomy of at least 2 hours. Automatic switch to battery in case of power failure, automatic recharge on connection to mains. ain cable at least 3 meter long.  Unit: pcs  Quantity: 1  Expires Date: N/A  Delivery: CUAMM Addis Ababa | | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
| **4** | **Steam Sterilizer** 24 to 80Litr Autoclave machine with 2-3tay Specifications: Steam sterilizer 24 liter, 2-3 try, manual closing, inbuilt printer, Digital sterilization cycle recorder (SD & USB), Chamber size: 24 L, over heat protection, Pressure overload protection, Pressure safety valve, and pressure auto-lock, benchtop,  Unit: pcs  Quantity: 1  Expires Date: N/A  Delivery: CUAMM Addis Ababa | | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
| **5** | **Fetal Doppler**  **Specifications:** Capable of detecting foetal heart rates (FHRs) in the range of 50 - 210 bpm, with 1 bpm resolution and 2 bpm accuracy. Probe (transducer) with 2 MHz frequency with a probe attached via a cable. The cable can be extended to a 25 cm length when stretched. Probe detector head diameter at least 39 mm. Handheld, weights less than 0.45 kg with probe and batteries. Built-in speaker with volume adjustment. LCD screen displays FHR, pulse indicator and battery status Visual alerts for status, system error and low battery Operates on 3 x AA batteries. Battery life is sufficient for 10 hours continuous use  Unit: pcs  Quantity: 1  Expires Date: N/A  Delivery: CUAMM Addis Ababa | | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |

**LOT 2– Laboratory Regents and Consumables**

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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** |
| **1** | **CBC hematological regents**  **Model of the machine SPEANREACT/ spincell3**  Specification:universal (Diluent 20L, M-30 Rinse-20L, Lyse, Probe cleanser and Calibration)  Unit: Pcs  Quantity: 1  Expires Date: NA  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
| **2** | **chemistry analyzer regents**  **Model of machine Spin 120**  Specification: universal (ALT, ALP, AST, HDL, LDL, GOT, GGT, Direct bilirubin, Total bilirubin, Total protein, Cholesterol, Creatinine, Uric acid, Control/seroidos  Unit:  Quantity: 15  Expires Date: 24 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
| **3** | **Distilled water 5Litr**  Specification: Single use, disposable, pores for air circulation.  Specification: which can run the chemistry analyzer machine Model of Spin 120 and CBC hematological regents  Model of the machine SPEANREACT/ spincell3  Unit: pcs  Quantity: 1  Expires Date: 24 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
| **4** | **Cuvettes**:  **Specification:** which is compatible with the chemistry analyzer machine Model of Spin 120  Unit: pcs  Quantity: 1  Expires Date: 24 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED |  |  |
| **5** | **Distil water Jar with connector access**  Specification: Single use, disposable, pores for air circulation.  Unit: pcs  Quantity: 1  Expires Date: 24 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
| **6** | **Waste Jar with connector sensor**  Unit: Pcs  Quantity: 1  Expires Date: 24 months or more  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |
| **7** | **Compatible Software for chemistry Analyzer Model Spin 120 and CBC hematological regents**  **Model of the machine SPEANREACT/ spincell3**  **including the user manual:**  **Standards and Safety Requirements**  Must submit ISO13485:2003/AC:2007 for Medical Devices AND CE  **User Training**  On site operational training till the familiarity of the system and satisfaction of end user shall be provided.  **Specification:** *Software for chemistry Analyzer Model Spin 120 and CBC hematological regents*  *Model of the machine SPEANREACT/ spincell3*  Unit: Pcs  Quantity: 1  Expires Date: NA  Delivery: CUAMM Addis Ababa | Specification offered:  Unit:  Expires Date:  Delivery time: (TO BE FILLED) |  |  |