

**ANNEX A – TECHNICAL SPECIFICATION  
INVITATION TO BID: No. ITB/HCR/KSO/2022/001  
PROVISION FOR SUPPLY AND DELIVERY OF MEDICAL EQUIPMENT TO UNHCR  
OFFICE KASSALA.**

**CLOSING DATE AND TIME: 22 NOVEMBER 2022 - 23:59 HRS.**

Supply and delivery of ([MEDICAL EQUIPMENT](#)) to UNHCR in Kassala Office – Sudan

| S. No. | Item descriptions                              |  |
|--------|--|--|
| 1      | <b><u>Blood Hematology analyzer</u></b>        |  |
|        | Specifications                                 | CBC+3-DIFF, 19parameters+3histograms<br>Throughput:40 samples per hour<br>Intuitive operation system with 8.4 inch TFT touchscreen<br>Open vial sampling<br>200,000 results storage with histograms<br>Original QC, calibrators, and reagents  |
| 2      | <b><u>Diagnostic Imaging Machine</u></b>       |  |
|        | Specifications                                 | Frequency: 60 KHZ<br>Phase: Single Phase<br>Peak Kilo Voltage: 125 kvP<br>Technology Type: Digital<br>Machine Frequency Type: High Frequency<br>Application: Hospital<br>Output: 500 mA<br>Voltage: 230 V<br>Features: <ul style="list-style-type: none"> <li>•Superb functioning</li> <li>•Rust resistance</li> <li>•High efficiency</li> </ul> Capable of producing X-ray images of: <ul style="list-style-type: none"> <li>•Chest</li> <li>•Abdomen</li> <li>•Lumbar spine</li> <li>•Skull</li> <li>•Upper and lower extremities</li> </ul> |
| 3      | <b><u>Sphygmomanometer mercurial model</u></b> |  |
|        | Specifications                                 | Usage/Application: Hospital<br>Cuff Type: Rubber<br>Scale: 0 To 300 Mm Of Hg<br>Purity of Mercury: 99.99%<br>Display: Mercurial<br>Pack Type: Box  |
| 4      | <b><u>Stethoscope</u></b>                      |  |
|        | Specifications                                 | Applications Cardiology/High Performance<br>Chestpiece Finish Polished Stainless Steel<br>Chestpiece Technology Single sided<br>Diaphragm Diameter 1.75 Inch<br>Diaphragm Diameter (metric)4.4 cm  |

|   |                                |  |
|---|--------------------------------|--|
|   |                                | Diaphragm Material Epoxy/Fiberglass<br>Diaphragm Type Tunable Diaphragm<br>Eartip Type Soft Sealing<br>Extra Eartips Yes<br>Headset Material Wide-diameter aerospace alloy / Anodized aluminum<br>Length 27 Inch<br>Length (Metric) 69 cm<br>Net Weight 185 g<br>Net Weight (Metric) 185 g<br>Occupation Anesthesiologist, Cardiologist, Emergency Physician, EMT/EMS, Family Practitioner, Internist, Medical Student, Nurse, Pediatrician, Physician, Respiratory Specialist<br>Patient Adult, Infant, Pediatric<br>Performance 10<br>Special Adaptors Yes |
| 5 | <b><u>Oxygen regulator</u></b> |  |
|   | Specifications                 | Pressure : 50 psi<br>Gauge : 0 - 4000 psi<br>Connector : CGA 540<br>Flowmeter : 0 - 3 L/min (60 L/min Max) or<br>0 - 5 L/min (60 L/min Max) or<br>0 - 15 L/min (60 L/min Max)<br>with D.I.S.S. Connector   |

**Note: Please provide the details about the brand, country of origin, warranty period and model of each medical equipment and should be part of the technical offer.**

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Company Stamp

Date: \_\_\_\_\_