UNOPS

Section II: Schedule of Requirements

Summary of Requirements Lot-2

ITB for the Supply of Assorted Medical Equipment to Primary and Secondary Health Centers in Damaturu, Yobe State, Republic of Nigeria

A. Technical specifications for Goods and Comparative Data Table

LOT 2: Laboratory equipment

Item No	UNOPS minimum technical requirements	Qty	Is Bid compliant? Bidder to complete	Details of goods offered. Bidder to complete
	Autoclave		☐ Yes ☐ No	Insert details of goods offered, including specifications and brand/model offered if applicable
	Horizontal Benchtop Autoclave		☐ Yes ☐ No	Insert details of goods offered
	Capacity: 35L (minimum) and 45 Litre (maximum)		☐ Yes ☐ No	Insert details of goods offered
	Corrosion-resistant stainless steel internal chamber and lid		☐ Yes ☐ No	Insert details of goods offered
	Sterilization and Drying time must reach at least 99 minutes		☐ Yes ☐ No	Insert details of goods offered
	Flexible time and temperature programming (must reach at least 135 ° C)		☐ Yes ☐ No	Insert details of goods offered
	Control key, pressure gauge, display panel with On/Off Button		☐ Yes ☐ No	Insert details of goods offered
	Chamber Material: Stainless steel with a polished finish		☐ Yes ☐ No	Insert details of goods offered
	Door Type: Automatic vertical sliding or hinged door		☐ Yes ☐ No	Insert details of goods offered
1	Safety Features: Overheat protection, pressure relief valve, door interlock system, temperature sensors, and automatic shut-off in case of a malfunction	24 Pcs	☐ Yes ☐ No	Insert details of goods offered
	Control System: Microprocessor-based with digital display and user-friendly interface for ease of operation		☐ Yes ☐ No	Insert details of goods offered
	Safety Devices against overpressure, temperature, and electric shocks		☐ Yes ☐ No	Insert details of goods offered
	Automatic elimination of the internal air		☐ Yes ☐ No	Insert details of goods offered
	Delivered with all necessary accessories for its good operation		☐ Yes ☐ No	Insert details of goods offered
	CE or FDA certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 9001 certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 14001 or manufacturer's QMS certificate		☐ Yes ☐ No	Insert details of goods offered
	Certification: ISO 13485		☐ Yes ☐ No	Insert details of goods offered

	One-year warranty including preventive, curative maintenance, and spare parts		☐ Yes ☐ No	Insert details of goods offered

2	**Centrifuge**	**8 Pcs**	☐ Yes ☐ No	Insert details of goods offered, including specifications and brand/model offered if applicable
	Haemacrit centrifuge		☐ Yes ☐ No	Insert details of goods offered
	A rugged, simple, and reliable Micro Haemacrit centrifuge whose classic design has stood the test of time		☐ Yes ☐ No	Insert details of goods offered
	Rotor capacity: 24 tubes		☐ Yes ☐ No	Insert details of goods offered
	Max Speed: 12000 - 13000 rpm with 24-place rotor (or better)		☐ Yes ☐ No	Insert details of goods offered
	Brake: Automatic		☐ Yes ☐ No	Insert details of goods offered
	Acceleration: 0 - 11800 r.p.m. within 60 secs. with 24 place rotor (or better)		☐ Yes ☐ No	Insert details of goods offered
	Deceleration: From 11800 r.p.m. in 25 secs. with 24 place rotor (or better)		☐ Yes ☐ No	Insert details of goods offered
	Timer: 0~15 min. mechanical timer (or better)		☐ Yes ☐ No	Insert details of goods offered
	Motor: Universal motor		☐ Yes ☐ No	Insert details of goods offered
	Electric supply: 220-240V 50/60Hz		☐ Yes ☐ No	Insert details of goods offered
	Delivered with all necessary accessories for its good operation		☐ Yes ☐ No	Insert details of goods offered
	CE or FDA certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 9001 certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 14001 or manufacturer's QMS certificate		☐ Yes ☐ No	Insert details of goods offered
	Certification: ISO 13485		☐ Yes ☐ No	Insert details of goods offered
	One-year warranty including preventive, curative maintenance, and spare parts		☐ Yes ☐ No	Insert details of goods offered

3	**Haematocrit reader (Micro Haematocrit Reader)**	**8 Pcs**	☐ Yes ☐ No	Insert details of goods offered, including specifications and brand/model offered if applicable
	Micro-Hematocrit Reader • Card reader for 1 capillary tube. • Fast and easy-to-read, Intuitive reader scale, High-quality made from machined components and Precision printing and assembly		☐ Yes ☐ No	Insert details of goods offered
	A Pocket-size universal tube reader with two ruled charts for precise determination of micro-haematocrit values.		☐ Yes ☐ No	Insert details of goods offered
	Measures red cell layer in terms of packed cell volume.		☐ Yes ☐ No	Insert details of goods offered
	Designed for use with capped or sealed 75mm micro haematocrit capillary tubes		☐ Yes ☐ No	Insert details of goods offered

	Delivered with all necessary accessories for its good operation		☐ Yes ☐ No	Insert details of goods offered
	CE or FDA certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 9001 certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 14001 or manufacturer's QMS certificate		☐ Yes ☐ No	Insert details of goods offered
	Certification: ISO 13485		☐ Yes ☐ No	Insert details of goods offered
	One-year warranty including preventive, curative maintenance, and spare parts		☐ Yes ☐ No	Insert details of goods offered

4	**Binocular Microscope**	8 Pcs	☐ Yes ☐ No	Insert details of goods offered, including specifications and brand/model offered if applicable
	Viewing head: Sliding Binocular Head Inclined at 45°, 360° Rotatable; 55-75 mm interpapillary distance (minimum range).		☐ Yes ☐ No	Insert details of goods offered
	Anti-Fungus		☐ Yes ☐ No	Insert details of goods offered
	Eyepiece: Wide Field Eyepiece WF10×/ 18 with dioptre adjustment		☐ Yes ☐ No	Insert details of goods offered
	Objective: Finite Semi-Plan Achromatic Objective 4×, 10×, 40×, 100×.		☐ Yes ☐ No	Insert details of goods offered
	Total magnifications: With 10x eyepiece: 40×, 100×, 400×, 1000×.		☐ Yes ☐ No	Insert details of goods offered
	Focus: Coaxial Coarse & Fine Adjustment, • Fine Division 0.002 mm (or better) • Coarse Stroke 37.7 mm per Rotation or better, • Fine Stroke 0.2 mm per Rotation or better, • Moving Range 28 mm.		☐ Yes ☐ No	Insert details of goods offered
	Illumination: LED Illumination, Brightness Adjustable		☐ Yes ☐ No	Insert details of goods offered
	Body/energy: Body firm backing of Aluminium and built in Power		☐ Yes ☐ No	Insert details of goods offered
	Supply: 110-240V AC/50Hz		☐ Yes ☐ No	Insert details of goods offered
	Delivered with all necessary accessories for its good operation		☐ Yes ☐ No	Insert details of goods offered
	CE or FDA certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 9001 certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 14001 or manufacturer's QMS certificate		☐ Yes ☐ No	Insert details of goods offered
	Certification: ISO 13485		☐ Yes ☐ No	Insert details of goods offered
	One year warranty including preventive, curative maintenance and spare parts		☐ Yes ☐ No	Insert details of goods offered

				Insert details of goods offered, including specifications and brand/model offered if applicable
5	**Fully Automatic 3-part Haematology Analyser**	**2 Pcs**	☐ Yes ☐ No	
	Operation: Automation Fully Automatic		☐ Yes ☐ No	Insert details of goods offered
	Testing: CBC +3-DIFF, At least 21 parameters + 3 histograms		☐ Yes ☐ No	Insert details of goods offered
	Throughput: At least 60Samples Per Hour		☐ Yes ☐ No	Insert details of goods offered
	Power Supply/Frequency: AC 100-240V, 50/60 +-1Hz		☐ Yes ☐ No	Insert details of goods offered
	Sample Type: Prediluted Mode; Whole Blood Mode (21 Microliter) +9 Micro-liter for paediatrics		☐ Yes ☐ No	Insert details of goods offered
	Working environment Temperature: 10-40 Degrees Celsius (minimum range)		☐ Yes ☐ No	Insert details of goods offered
	Working environment Humidity: 20%-90% (minimum range)		☐ Yes ☐ No	Insert details of goods offered
	User Interface: At least 3 USB Ports, 1 LAN Port		☐ Yes ☐ No	Insert details of goods offered
	Data Storage Capacity: Up to 50,000 Results		☐ Yes ☐ No	Insert details of goods offered
	Display Type: TFT Touch Screen		☐ Yes ☐ No	Insert details of goods offered
	Reagent: Diluent, Lyse, Probe Cleanser		☐ Yes ☐ No	Insert details of goods offered
	Printout: Thermal recorder, various printout formats.		☐ Yes ☐ No	Insert details of goods offered
	External printer: included		☐ Yes ☐ No	Insert details of goods offered
	Delivered with all necessary accessories for its good operation		☐ Yes ☐ No	Insert details of goods offered
	Delivered with a set of 5 sets of reagents Diluent, lyse and Cleanser		☐ Yes ☐ No	Insert details of goods offered
	CE or FDA certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 9001 certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 14001 or manufacturer's QMS certificate		☐ Yes ☐ No	Insert details of goods offered
	Certification: ISO 13485		☐ Yes ☐ No	Insert details of goods offered
	One-year warranty including preventive, curative maintenance, and spare parts		☐ Yes ☐ No	Insert details of goods offered

				Insert details of goods offered, including specifications and brand/model offered if applicable
6	**Fully Automatic Chemistry Analyser**	**2 Pcs**	☐ Yes ☐ No	
	Operation: Automatic, Discrete, random access, bench top		☐ Yes ☐ No	Insert details of goods offered
	Automatic probe cleaning, liquid level detection & collision protection,		☐ Yes ☐ No	Insert details of goods offered
	Throughput: 200 to 400 tests per hour with ISE		☐ Yes ☐ No	Insert details of goods offered
	Reagent/Sample tray: at leqast 80 Reagent and 40 Sample Position,		☐ Yes ☐ No	Insert details of goods offered
	Reagent Vol.: 10~45µl step by 0.5µl (or better)		☐ Yes ☐ No	Insert details of goods offered

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*ITB for the **Supply of Assorted Medical Equipment to Primary and Secondary Health Centers in Damaturu, Yobe State, Republic of Nigeria***
ITB Ref No: ITB/2023/48148
Lot-2: Laboratory Equipment

	Compartment: 2 ~ 12°C		☐ Yes ☐ No	Insert details of goods offered
	Operating temperature: Minimum 35 ~ 40°C		☐ Yes ☐ No	Insert details of goods offered
	Whole blood testing function for HbA1c,		☐ Yes ☐ No	Insert details of goods offered
	Automatic dilution for abnormal sample,		☐ Yes ☐ No	Insert details of goods offered
	Inbuilt barcode reader and Bi-directional LIS interface		☐ Yes ☐ No	Insert details of goods offered
	Power Supply / Freq.: AC 220 ~ 240V, 50/60Hz		☐ Yes ☐ No	Insert details of goods offered
	External printer: included		☐ Yes ☐ No	Insert details of goods offered
	Delivered with all necessary accessories for its good operation		☐ Yes ☐ No	Insert details of goods offered
	Delivered with a set of 5 sets of reagents kits		☐ Yes ☐ No	Insert details of goods offered
	CE or FDA certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 9001 certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 14001 or manufacturer's QMS certificate		☐ Yes ☐ No	Insert details of goods offered
	Certification: ISO 13485		☐ Yes ☐ No	Insert details of goods offered
	One year warranty including preventive, curative maintenance and spare parts		☐ Yes ☐ No	Insert details of goods offered
7	**Fluorescence Immunoassay (FIA) System**		☐ Yes ☐ No	Insert details of goods offered, including specifications and brand/model offered if applicable
	The portable fluorescent instrument used for the quantitative determination of concentrations of various analyses in human blood or urine such as Covid Tests, D-Dimer, CRP, Ferritin, hormones, tumor maker, diabetes mellitus, and cardiac enzymes.	2 Pcs	☐ Yes ☐ No	Insert details of goods offered
	Built-in thermal printer		☐ Yes ☐ No	Insert details of goods offered
	LED touch screen		☐ Yes ☐ No	Insert details of goods offered
	LIS/HIS connection (Direct connection)		☐ Yes ☐ No	Insert details of goods offered
	Test Channel (test cartridge holder)		☐ Yes ☐ No	Insert details of goods offered
	Power Supply/Freq.: AC 100-240V, 50/60Hz		☐ Yes ☐ No	Insert details of goods offered
	Delivered with all necessary accessories for its good operation		☐ Yes ☐ No	Insert details of goods offered
	Delivered with a set of 20 sets of reagents kits to be selected by the Beneficiary when issuing the related PO.		☐ Yes ☐ No	Insert details of goods offered
	CE or FDA certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 9001 certified		☐ Yes ☐ No	Insert details of goods offered
	ISO 14001 or manufacturer's QMS certificate		☐ Yes ☐ No	Insert details of goods offered
	Certification: ISO 13485		☐ Yes ☐ No	Insert details of goods offered

One-year warranty including preventive, curative maintenance, and spare parts	☐ Yes ☐ No	Insert details of goods offered

B. Related services – Installation, end users training, and commissioning.

Item/lot	Description of the services	Qty	Unit	Is Bid compliant? Bidder to complete	Details of Services offered. Bidder to complete
1.	Autoclave	24	Pcs	☐ Yes ☐ No	Insert details of goods offered
2.	Centrifuge	8	Pcs	☐ Yes ☐ No	Insert details of goods offered
3.	Haematocrit reader (Micro Haematocrit Reader)	8	Pcs	☐ Yes ☐ No	Insert details of goods offered
4	Binocular Microscope	8	Pcs	☐ Yes ☐ No	Insert details of goods offered
5	Fully Automatic 3-part Haematology Analyser	2	Pcs	☐ Yes ☐ No	Insert details of goods offered
6	Fully Automatic Chemistry Analyser	2	Pcs	☐ Yes ☐ No	Insert details of goods offered
7	Fluorescence Immunoassay (FIA) System	2	Pcs	☐ Yes ☐ No	Insert details of goods offered

C. Delivery requirements and Comparative Data Table:

UNOPS Requirements		Is Bid compliant? Bidder to complete	Details Bidder to complete
Delivery time	Bidder shall deliver the goods **within 10 Weeks** after Contract signature.	☐ Yes ☐ No	Insert details
Delivery place and Incoterms rules	**CIF Incoterm 2020 Lagos Port of Entry, Nigeria** **or** **CPT Nnamdi Azikiwe International Airport, Abuja, Nigeria** **Kindly note, you are to submit quotes for both Incoterms mentioned in this tender**	☐ Yes ☐ No	Insert details
Consignee details	United Nations Office for Project Services (UNOPS), Nigeria	☐ Yes ☐ No	Insert details
UNOPS Right to vary requirements	At the time the Contract is awarded, UNOPS reserves the right to vary the quantity of the goods and associated services specified above, provided this does not exceed +/- 20%, without any change in the unit prices or other terms and conditions of the ITB.	☐ Yes ☐ No	Insert details

D. Inspections and tests

The following inspections and tests shall be performed:

The goods will be inspected and tested by the consignee upon receipt of the goods at the delivery place. If any of the goods failed to meet the consignee minimum requirement as per section II – Schedule of Requirement, the goods will be rejected and returned to the supplier at the supplier's own cost, and payment will not be made to the supplier until such goods are delivered