

Section II: Schedule of Requirements

Summary of Requirements Lot-5

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 5: Advanced Surgery Equipment

Item No	UNOPS minimum technical requirements	Qty	Is Bid compliant? Bidder to complete	Details of goods offered. Bidder to complete
1	Phacoemulsification System (anterior/posterior)	1 Set	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered, including specifications and brand/model offered if applicable
	PHACOEMULSIFICATION SYSTEM (Anterior and Posterior Segment)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	- Fully programmable, multi-processor control system		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	- Flat screen, colored display with touchscreen		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	- Voice feedback for function selection		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	- Should have the ability to control via a powerful footswitch and front panel		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	- Should have a mappable and programmable footswitch, preferably wireless		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	- Memory of 10 users' settings (at least)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	The phaco surgical platform features should also include: High-Frequency Deep Sclerotomy module and function, Perfect control of fluidics, Anterior & posterior segment device, an Infusion system, Easy Phaco handpiece (reusable with Titanium easy tips)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Pump Type: Peristaltic (or better technology)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Vitrectomy cutting frequency: 10000 (or better)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Ultrasound		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	- Should have the ability to drive high-performance four to six crystal handpiece: 25-40 kHz, piezoelectric, slim and lightweight and autoclavable		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	- Should have an additional feature of delivery of ultrasonic energy like torsional/transversal/ellipsoidal etc. in addition to linear		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	- Equipped with an option of 1.8 mm, 2.2 mm, and 2.8 mm size of phaco tip		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered

- The ultrasound and handpiece should be compatible with tips like standard 30 degrees and 45 degrees, microtip, and flared aspiration bypass tips	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
- Facility of ultrasound power control in various sub-modes like continuous, pulsed, burst, and bi-modal application	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
- Should have preferably peristaltic system/ venture or both and the facility to use vacuum level up to 650 mm-Hg	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
- Should have the ability to regulate irrigating pressure by the height of I/V pole preferably motorized and continuous irrigation controlled by foot pedal and on the touch panel	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
- Aspiration hand piece should have both co-axial and bimanual attachments	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
- Phaco tips should be 30 degrees, and 45 degrees, and angle tip	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
- Should have the ability to control via footswitch, remote control, and front panel	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
- Should have cassette/ tube system	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Vitrectomy	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
- Should have an ability to drive electric cutter for anterior and posterior vitrectomy with cut rates as shown below with submodes cut I/A, I/A cut with panel or linear cut control by foot pedal	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
- Vitrectomy Anterior and Posterior segment specifications:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Anterior segment: <ul style="list-style-type: none">• Electrically driven guillotine cutter (or better technology)• 20G, 23G• Linear 30 to 1200 cuts/min (minimum range)• Individual Cuts• Dual linear or linear pedal control• Irrigation/aspiration/cut• Irrigation/cut/aspiration	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Posterior segment: <ul style="list-style-type: none">• Win dual pneumatically driven guillotine cutter• 20G, 23G, 25G• Linear or progressive, 30 to 3000 cuts/min (minimum range)• Individual cut• Dual linear or linear pedal control	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Diathermy Bipolar coagulation capability, panel or linear power control by foot pedal and panel Reusable diathermy forceps/autoclavable bipolar cable	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Data storage and transfer Storage capabilities via USB for DATA transfer or DATA portability	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered

Power Supply / Frequency: AC 100-240V, 50/60Hz.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Delivered with on UPS compatible with the Power of the equipment offered.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Working environment Temperature: 10-40 Degree Celsius (minimum range)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Working environment Humidity: 20%-90% (minimum range)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Delivered with all necessary accessories for its good operation	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
CE or FDA certified	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
ISO 9001 certified	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
ISO 14001 or manufacturer's QMS certificate	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Certification: ISO 13485	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
One year warranty including preventive, curative maintenance and spare parts	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered

The instrument set for surgical platform anterior/posterior	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered, including specifications and brand/model offered if applicable
Instrument set for surgical platform anterior/posterior to be delivered with the Phacoemulsification system offered.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
CE or FDA certified	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
ISO 9001 certified	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
ISO 14001 or manufacturer's QMS certificate	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Certification: ISO 13485	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Diathermy Hand Piece (long) (3 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Diathermy Hand Piece (Short) (3 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Endo-diathermy 25G (2 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Endo-diathermy 25G (2 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Diathermy Forcep Bipolar (3 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
I/A Bimanual (2 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
I/A Handpiece (2 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
I/A Quick tip (2 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Key for Phaco tips (3 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Easy Phaco Handpiece (4 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Laser Probe OS4 23G (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Laser Probe OS4 Straight (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Laser Probe Curve 25G (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Continuous Flow Cutter 20G (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Continuous Flow Cutter 23G (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Continuous Flow Cutter 25G (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Infusion line 6mm (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Caliburn Trocar system 23G (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Caliburn Trocar System 25G (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Endo-Illumination 23G (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Endo-Illumination 25G (2 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Phaco Set Incision 2.8 – 3.2mm (4 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Phaco Set Incision 2.2 – 2.4mm (4 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Phaco Set Incision 1.6 – 1.8mm (4 Bxs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
Irrigation Sleeve 2.2 – 3.2mm (3 Pcs)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered

	Irrigation Sleeve 2.2 – 2.4mm (3 Pcs)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Irrigation Sleeve 1.6 – 1.8mm (3 Pcs)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Tubing System for Faros (2 Bxs)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Phaco pack for Faros (2 Bxs)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Vitrectomy 23G pack for Faros (2 Bxs)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Air Delivery Line (2 Bxs)		<input type="checkbox"/> Yes <input type="checkbox"/> 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.	Phacoemulsification System (anterior/posterior)	1	Set	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
2.	The instrument set for the surgical platform anterior/posterior	2	Set	<input type="checkbox"/> Yes <input type="checkbox"/> 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.	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
Consignee details	United Nations Office for Project Services (UNOPS), Nigeria	<input type="checkbox"/> Yes <input type="checkbox"/> 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.	<input type="checkbox"/> Yes <input type="checkbox"/> 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