

## Section II: Schedule of Requirements

### Summary of Requirements Lot-5

*ITB for the Re-Advertisement of Lot-5 Supply of Advanced Surgery  
Equipment for Primary and Secondary Health Centers in  
Damaturu, Yobe State, 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	<b>Phacoemulsification System (anterior/posterior)</b>	1 Set	Insert details of goods offered, including specifications and brand/model offered if applicable	
	<b>PHACOEMULSIFICATION SYSTEM</b> (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

<b>Ultrasound</b>		<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 handpiece should have both coaxial 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
		<input type="checkbox"/> Yes <input type="checkbox"/> No      Insert details of goods offered
<b>Vitrectomy</b>		
- 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
<b>Anterior segment:</b> ● Electrically driven guillotine cutter (or better technology)		<input type="checkbox"/> Yes <input type="checkbox"/> No      Insert details of goods offered

<ul style="list-style-type: none"> <li>• 20G, 23G</li> <li>• Linear 30 to 1200 cuts/min (minimum range)</li> <li>• Individual Cuts</li> <li>• Dual linear or linear pedal control</li> <li>• Irrigation/aspiration/cut</li> <li>• Irrigation/cut/aspiration</li> </ul>			
	<b>Posterior segment:</b> <ul style="list-style-type: none"> <li>• Win dual pneumatically driven guillotine cutter</li> <li>• 20G, 23G, 25G</li> <li>• Linear or progressive, 30 to 3000 cuts/min (minimum range)</li> <li>• Individual cut</li> <li>• Dual linear or linear pedal control</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	<b>Diathermy</b> 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
	<b>Data storage and transfer</b> 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 a 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 or manufacturer's QMS certificate	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	ISO 14001 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
	SONCAP (Certificates: Standard Organization of Nigeria Conformity Assessment Program)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered

2	<b>The instrument set for the surgical platform anterior/posterior</b>	1 Set	<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 or Manufacturer's QMS certificate		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	ISO 14001 certificate		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Certification: ISO 13485 and <b>SONCAP</b> (Certificates: Standard Organization of Nigeria Conformity Assessment Program)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	<b>Diathermy HandPiece (long) (3 Pcs)</b>		<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 Handpiece (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 (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Continuous Flow Cutter 20G (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Continuous Flow Cutter 23G (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Infusion line 6mm (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Caliburn Trocar system 23G (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Caliburn Trocar System 20G (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Endo-Illumination 23G (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Phaco Set Incision 2.8 – 3.2mm (4 Boxes)		<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
	Tubing System (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Phaco pack (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Vitrectomy 23G pack (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Air Delivery Line (2 Boxes)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered
	Anterior vitrectomy pack (1 Box)		<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered

**B. Related services – Installation, end-user 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	1	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
<b>Delivery time</b>	Bidder shall deliver the goods <b>within 6 Weeks</b> after Contract signature.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
<b>Delivery place and Incoterms rules</b>	CIP Mallam Aminu Kano International Airport, Nigeria. (Incoterm 2020)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
<b>Consignee details</b>	United Nations Development Programme, UN House No. 617/618, Diplomatic Drive Central Business District Abuja, Nigeria  Tel: +234 813 361 1945 Email. nonso.orefo@undp.org, CC: HerbertA@unops.org Attn: Nonso Orefo	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
<b>UNOPS Right to vary requirements</b>	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 +/- <b>20%</b> , 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 fail 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