

REQUEST FOR QUOTATIONS (for Goods)

Procurement Number: 031/MZCH/2025-26/070

To:

Date October 7, 2025

The Procuring Entity named above invites you to submit your quotation for the goods described herein. Partial Quotations may be rejected, and the Purchaser reserves the right to award a contract for selected items only. Any resulting order shall be subject to the Government of Malawi General Conditions of Contract for Local Purchase Orders (available on request) except where modified by this Request for Quotations.

SECTION A: QUOTATION REQUIREMENTS:

- 1. Description of goods and related services: Supply and delivery of Medical Equipment
- 2. Quotation prices should be based on: Malawi Kwacha for goods supplied from within Malawi; EXW insured and delivered to Mzuzu Central Hospital.
- 3. The delivery period required is within 7 days from the date of order.
- 4. Quotations must be valid for 30 days from the date of the receipt given below.
- 5. The warranty/guarantee offered shall be 12 months
- **6.** Quotations and supporting documents as specified in Section B must be marked with the Procurement Number given above, and indicate your acceptance of the terms and conditions.
- 7. Quotations must be received, in sealed envelopes, no later than 10:00 hrs on 21st, October, 2025.
- **8.** Quotations must be returned to:

The Procurement and Disposal Unit

Mzuzu Central Hospital, P/Bag 209, Luwinga, Mzuzu 2.

Tel: 01 320 620, Fax: 01 320 217

- **9.** The attached Schedule of Requirements in Section C, details the items to be purchased. You are requested to quote your delivered price for these items by completing and returning Sections B and C.
- 10. Quotations that are responsive, qualified, and technically compliant will be ranked according to price. Award of contract will be made to the lowest evaluated priced quotation by item or by total through the issue of a Local Purchase Order.

Title/Position: Principal Procurement Officer

For and on behalf of the Purchaser

Signed

Name: Dominic Chimaliro

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Your quotation is to be returned on this Form by completing and returning Sections B and C including any other information/certification required within this RFQ.

SECTION	R٠	CHOTATION	I SUBMISSION	CHEET
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SECTIO	ON B: QUOTATION SUBMISSION SHEET					
1.	Currency of Quotation: Malawi Kwacha					
2.	Delivery period offered: days/	Delivery period offered: days/weeks/months from date of Purchase Order.				
3.	The validity period of this Quotation is: Quotations.	The validity period of this Quotation is: days from the date for receipt of Quotations.				
4.	We attach the following documents:	We attach the following documents:				
	 i. Section C of the Request for Quotii. Beneficial ownership disclosure fili. Proforma invoice/quotation on oiv. A copy of our Trading Licence; v. A copy of a Tax Clearance Certification. A copy of a valid PPDA certification. vii. A copy of the VAT registration of 	orm; company letter icate; e;				
5.	We confirm that our quotation is based Request for Quotations referenced above to the Government of Malawi's General Orders.	e and that any	resulting contract will be subject			
6.	We confirm that the prices quoted are fi period and will not be subject to revisio					
7.	Drugs Expiry Date					
Author	orised By:					
Signat	ature:	Name: _				
Positi	tion:					
		Date:				
Autho	norised for and on behalf of:		(DD/MM/YY)			
Comp	npany:		······			

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If any additional documentation is attached to your quotation, a signature and authorisation at Section B and Section C is still required as confirmation that the terms and conditions of this RFQ prevail over any attachments. If the Quotation is not authorised in Section B and Section C, the quotation may be rejected.

SECTION C: SCHEDULE OF REQUIREMENTS (TO BE PRICED BY BIDDER)

REFER TO THE TECHNICAL SPECFICATIONS AFTER THE TABLE.

ITEM	DESCRIPTION OF GOODS	BIDDER'S SPECIFICATIONS	UNIT OF	QTY	DELIVERED	DELIVERED TOTAL
No.			MEASURE		UNIT PRICE KWACHA	PRICE KWACHA
	LOT 1					
1	ENDOSCOPY SYSTEM		EACH	1		
					SUB-TOTAL	
					VAT 16.5%	
					PPDA 1%	
					GRAND TOTAL	
	LOT 2					
1	NONE-MAGNETIC TROLLEY		EACH	1		
2	DRUG TROLLY		ЕАСН	2		
3	RECOVERY TROLLY		ЕАСН	3		
4	PATIENT TROLLY		EACH	12		
5	EXAMINATION COUCH		EACH	1		
6	HIGH PRESSURE OXYGEN PRESSURE REGULATOR		EACH	6		
7	INFUSION PUMPS		EACH	30		

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				SUB-TOTAL	
				VAT 16.5%	
				PPDA 1%	
				GRAND TOTAL	
	LOT 3				
1	WHEEL CHAIR	EACH	30		
2	MULTIPARAMETER PATIENT MONITOR	EACH	10		
3	DENTAL FAST HANDPIECE	ЕАСН	2KITS/ 6		
4	MOBILE SCALING MACHINE (DENTAL)	ЕАСН	3		
				SUB-TOTAL	
				VAT 16.5%	
				PPDA 1%	
				GRAND TOTAL	
	LOT 4				
1	WATER DISTILLER (HEAVY DUTY)	EACH	2		
2	CENTRIFUGE (HEAVY DUTY)	EACH	2		
3	ELECTROSURGICAL DIATHERMY MACHINE	EACH	1		
4	RESUSCITATOR (RADIANT WARMER)	EACH	2		
5	IV FLUID WARMER	EACH	10		
6	AED	EACH	1		
				SUB-TOTAL	
				VAT 16.5%	

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		PPDA 1%	
		GRAND TOTAL	

TECHNICAL SPECIFICATIONS

1. ENDOSCOPY MACHINE

THE FULL ENDOSCOPY TOWER SHOULD HAVE THE FOLLOWING MAJOR COMPONENTS;

- VIDEO MONITOR
- VIDEO PROCESSOR
- VIDEO RECORDER (INFORMATION MANAGEMENT SYSTEM)
- LIGHT SOURCE
- SUCTION PUMP
- FLUSHING PUMP
- CO2 Insufflator
- ELECTROSURGICAL SYSTEM
- MOBILE CART
- VIDEO ENDOSCOPES (TO INCLUDE GASTROSCOPE, DUODENOSCOPE, COLONOSCOPE, BRONCHOSCOPE, CYSTOSCOPE)

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1. VIDEO MONITOR



- DIMENSION: MAX OF 600MM X 400MM X 100MM (WXHXD)
- WEIGHT: 6 9KGs
- VIDEO IMAGE AND QUALITY
 - RESOLUTION: 1920 x 1200 PIXELS
 - IMAGE QUALITY
 - OPTICAL ENHANCEMENT SUPPORT NARROW BAND IMAGING TECHNOLOGY
 - IMAGE PROCESSOR AUTOMATIC BRIGHTNESS
- VIDEO OUTPUT AND CONNECTIVITY
 - VIDEO OUTPUT PORTS TO BE COMPATIBLE WITH 4K AND HD FORMATS
 - INPUT / OUTPUT TERMINALS HDMI, SDI AND ANALOG COMPATIBLE
 - COUPLER COMPATIBLE WITH ENDOSCOPE
- SCREEN QUALITIES
 - SCREEN SIZE: 26 INCHES
 - O SCREEN TYPE: LIQUID CRYSTAL DISPLAY (LCD)
 - VIEWING ANGLE –WIDE VIEWING ANGLE 178 DEGREE, HORIZONTAL AND VERTICAL
 - O CONTRAST RATIO: HIGH CONTRAST RATIO, OF 1000:1
 - ASPECT RATIO: 16:10

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- O DISPLAY MODES: PICTURE-IN-PICTURE (PINP) FUNCTION, PICTURE-OUT-PICTURE FUNCTION
- PROTECTIVE SCREEN HARDNESS OF 9H AND LAMINATED GLASS
- User Interface and Control
 - CONTROL BUTTONS
 - O USER PRESETS: MORE 10 PROGRAMMABLE PARAMETERS
 - AUTOMATIC LIGHT AND BRIGHTNESS ADJUSTMENT
- MEDICAL GRADE CERTIFICATION
- COMPATIBLE ACCESSORIES TO INCLUDE:
 - VIDEO CABLES: HDMI OR VGA
 - REMOTE CONTROL
 - POWER ADAPTERS
 - MOUNTING BRACKET FORSTAND MOUNT OR WALL MOUNT
 - USER MANUAL

2. VIDEO PROCESSOR



DIMENSIONS: 370MM x 85MM x 455MM (WxHxD)

WEIGHT: 10KG

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- SIGNAL OUTPUT OPTIONS: BOTH DIGITAL (HD-SDI, SD-SDI) AND ANALOG (HDTV, SDTV)
- REAL TIME IMAGE ENHANCEMENT SUCH AS NARROW BAND IMAGING
- WHITE BALANCE ADJUSTMENT FUNCTION VIA A BUTTON AT THE FRONT PANEL
- COLOR ADJUSTMENT
- ELECTRONIC ZOOM
- Freeze Function available, include pre-freeze function
- IMAGE STORAGE AND RETRIEVAL WITH SIMULTANEOUS DISPLAY OF MULTIPLE IMAGES
- User friendly interface and controls
- PATIENT AND PHYSICIAN DATA INPUT
- POWER SUPPLY

VOLTAGE: 220 -240V AC

FREQUENCY: 50 / 60Hz +/- 1Hz

CONSUMPTION ELECTRIC POWER: 150 VA

COMPATIBILITY

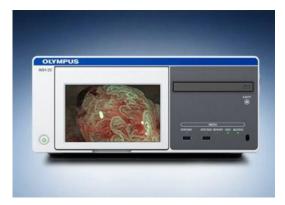
- ENDOSCOPES GASTROSCOPES, DUODENOSCOPES, COLONOSCOPES, BRONCHOSCOPES, CYSTOSCOPES OF SAME BRAND
- LIGHT SOURCE: XENON COMPATIBLE
- O MONITOR: MEDICAL GRADE MONITOR WITH HIGH RESOLUTION AND PINP CAPABILITY

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3. VIDEO RECORDER (INFORMATION MANAGEMENT SYSTEM)





- DIMENSIONS: MAX 370MM x 167MM x 425MM (WXHXD)
- WEIGHT: MAX 11KGS
- VIDEO AND STILL IMAGE AND QUALITY
 - RESOLUTION: FULL HD (1920 x 1080 PIXELS)
 - VIDEO RECORDING FORMAT: MPEG-4 AVC/H.264
 - STILL IMAGE FORMAT: BMP, TIFF, JPEG
 - OPTICAL ENHANCEMENT: NARROW BAND IMAGING TECHNOLOGY
 - o IMAGE PROCESSOR: AUTOMATIC BRIGHTNESS CONTROL, LAG-FREE BRIGHTENING
 - WHITE BALANCE ADJUSTMENT
- VIDEO OUTPUT AND CONNECTIVITY
 - SIGNAL OUTPUT: ANALOG HDTV (RGB OR YPBPR), ANALOG SDTV (VBS COMPOSITE)
 AND DIGITAL (HD-SDI, DVI)
 - COUPLER: INTEGRATED OR SEPARATE, FOCAL LENGTH >=20MM
- User Interface and Controls
 - CONTROL BUTTONS: >=3, OF WHICH 2 ARE PROGRAMMABLE
 - AUTOMATIC LIGHT ADJUSTMENT AND BRIGHTNESS CONTROL

.

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COMPATIBILITY

- O ENDOSCOPE COMPATIBILITY WITH SAME BRAND
- INTEGRATION WITH ELECTRONIC MEDICAL RECORDS (EMR) AND PATIENT ARCHIVING COMMUNICATION SYSTEM (PACS)

POWER

- POWER SUPPLY: 100-240V AC, 50/60Hz, 200VA
- O UPS: WITH AT LEAST 30 MINUTES BACK UP
- REPORTING SYSTEM: TO BE PROVIDED BY MANUFACTURER
- O COMPUTER SYSTEM: 15 PROCESSING, 8GB RAM, >1TB HDD

Accessories

- KEYBOARD
- REMOTE ACCESS CABLE

4. LIGHT SOURCE



• LIGHTING TECHNOLOGY: XENON

DIMENSION: 370MM x 150MM x 476MM

WEIGHT: 18-20KGs

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ILLUMINATION

EXAMINATION LAMP: 300WATTS, XENON SHORTARC LAMP

AVERAGE LAMP LIFE: 500HRS

O IGNITION METHOD: SWITCHING REGULATOR

• EMERGENCY LAMP: HALOGEN LAMP, 12V 35W

AVERAGE EMERGENCY LAMP LIFE: 500HRs

AUTOMATIC BRIGHTNESS ADJUSTMENT METHOD: LIGHT PATH DIAPHRAGM CONTROL

• NBI OBSERVATION: AVAILABLE

• COOLING: FAN COOLING, LOW NOISE

FIBER OPTIC CABLE COMPATIBILITY

POWER SUPPLY

○ VOLTAGE: 100 – 240 V AC, WITHIN +/- 10%

• Frequency: 50;60 Hz, within +/- 3Hz

O CONSUMPTION ELECTRIC POWER: 600 VA

SAFETY STANDARDS: ADHERE TO ISO14971 AND ISO13485

5. SUCTION PUMP



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• DIMENSIONS: 210MM x 305MM x375MM (HxWxD)

WEIGHT: MAX 10KG

• FLOW RATE: 3 LEVEL ADJUSTABLE – 40, 50 AND 60L/MIN

• VACUUM: -95KPA

• LIQUID INGRESS PROTECTION: >=IP2

NOISE LEVEL: BELOW 50DB

• CONNECTIVITY: MULTIPLE ASPIRATION BOTTLES

MODES: WHISPER AND TURBO MODES

• POWER:

VOLTAGE: 100 -240V

• Frequency: 50/60Hz

CONSUMPTION: 120W

6. FLUSHING PUMP



DIMENSIONS: 200MM x 173MM x 385MM (WxHxD)

• WEIGHT: MAX 5KG

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• FLOW RATE

Instrument Channel: 750ml/min

O AUXILIARY WATER CHANNEL: 230ML/MIN

• CONTROL: FOOT SWITCH AND ENDOSCOPE BUTTON

Power

VOLTAGE: 100 – 240V

• Frequency: 50/60Hz

CONSUMPTION: 100VA

User interface

BRIGHT LED DISPLAY

FLAT PANEL TOUCH BUTTONS

Accessories

- WATER CONTAINER 2L
- STERILE WATER TUBES
- INSTRUMENT CHANNEL ADAPTER
- INSTRUMENT CHANNEL CONSUMABLES
- AUXILIARY CHANNEL CONSUMABLES
- REMOTE CONTROL CABLE

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7. CO2 INSUFFLATOR PUMP



DIMENSIONS: 125MM x 300MM x 115MM (WxDxH)

WEIGHT: MAX 5KG

• GAS FLOW RATE: 50L/MIN

• AIR FEEDING PRESSURE: MAX 45KPA

 APPLICABLE GAS: MEDICAL GRADE CARBON DIOXIDE, CAN CONNECT TO CYLINDER WITH A COMPATIBLE GAS CYLINDER HOSE E.G. OLYMPUS MAJ-1080 (PIN) OR PIPELINE SYSTEM

• POWER:

○ **VOLTAGE: 100 – 240V**

• FREQUENCY: 50/60Hz

CONSUMPTION: 40VA

CONTROL: SIMPLE START/STOP BUTTON ON FRONT PANEL

• INTEGRATED FLUID SENSOR

DUAL GAS FILTERING

Dual compression

SUPPORT FOR DISPOSABLE AND AUTOCLAVABLE TUBING SETS

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8. ELECTROSURGICAL SYSTEM



- DIMENSIONS: 370MM x 156MM x 465MM (WxDxH)
- WEIGHT: MAX 12KG
- MODES: MONOPOLAR AND BIPOLAR WITH VARYING CUT AND COAGULATIONS MODES
- FOOT SWITCH: WIRELESS WITH AUTOMATIC ASSIGNMENT AND TOGGLE FUNCTION
- POWER:
 - VOLTAGE: 100- 240V AC
 - FREQUENCY: 50 60Hz
 - CONSUMPTION: 120W
- SAFETY FEATURES
 - FAST SPARK MONITOR
 - HIGH POWER CUT SUPPORT
 - CONTACT QUALITY MONITOR
 - LEAKAGE PROTECTION SENSOR
- Accessories
 - ENDOJAW BIOPSY FORCEPS

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- HAEMOSTATIC FORCEPS
- BICOAG BIPOLAR PROBE
- ELECTROSURGICAL KNIFE
- O GROUNDING PAD (REUSABLE) FOR MONOPOLAR USE

9. MOBILE CART (WORK STATION)



• DIMENSION:

- HEIGHT:
 - 2140MM (WITH SCOPE POLE IN HIGHEST POSITION
 - 1400mm (WORK STATION ONLY)
 - 1150MM (TO TOP TRAY)
 - 2073MM (WITH A 26INCH LCD MONITOR IN HIGHEST POSITION)
- DEPTH: 655MM

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○ **WIDTH: 675MM**

• WEIGHT, UNLOADED: MAX 85KGS

LOAD CAPACITY

TOP TRAY: MAX 20KGs

• INTERMEDIATE SHELVES: 30KGS

BASE PANEL: MAX 35KGS

• MATERIAL: STAINLESS STEEL

- MOBILITY: 4 CASTOR WHEELS, 2 ANTISTATIC (CONDUCTIVE) BRAKES AND 2 NON-ANTISTATIC (NON-CONDUCTIVE) BRAKES
- HOLDER FOR VIDEO MONITOR, KEYBOARD, SCOPES, DRIP STAND, CO2 CYLINDERS
- SMOOTH SURFACE FOR EASY CLEANING
- SEPARATION TRANSFORMER COMPATIBLE WITH MOBILE CART

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10. VIDEO ENDOSCOPES

a) GASTROSCOPE E.G. OLYMPUS GIF H-190



OUTER DIAMETER	9.2мм
WORKING LENGTH	1030мм
Instrument Channel	2.8MM
ANGULATION	UP 210°, DOWN 90°, RIGHT 100°, LEFT 100°
OPTICAL SYSTEM	FIELD OF VIEW 140°
	DEPTH OF FIELD NEAR 2-6MM
	MINIMAL VISIBLE DEPTH: 3MM FROM DISTAL END
OTHER FEATURES	Dual focus
	NARROW BAND IMAGE TECHNOLOGY
	WATER JET
COMPATIBILITY	VIDEO SYSTEM CENTRE — OLYMPUS CV-190

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	XENON LIGHT SOURCE – OLYMPUS CLV-190
ACCESSORIES	

b) Gastroscope e.g. Olympus GIF – 1TH190 (both diagnostic and therapeutic)





OUTER DIAMETER	10.0MM
INSERTION TUBE OUTER DIAMETER	10.9мм
WORKING LENGTH	1030мм
TOTAL LENGTH	1350MM
INSTRUMENT CHANNEL	3.7 MM
ANGULATION	UP 210°, DOWN 90°, RIGHT 100°, LEFT 100°

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OPTICAL SYSTEM	FIELD OF VIEW 140° DIRECTION OF VIEWING: FORWARD VIEWING DEPTH OF FIELD NEAR 2-6MM MINIMAL VISIBLE DEPTH: 3MM FROM DISTAL END
OTHER FEATURES	DUAL FOCUS NARROW BAND IMAGE TECHNOLOGY WATER JET
COMPATIBILITY	VIDEO SYSTEM CENTRE – OLYMPUS CV-190 XENON LIGHT SOURCE – OLYMPUS CLV-190
ACCESSORIES	

c) DUODENOSCOPE E.G. OLYMPUS TJF-Q190V





OUTER DIAMETER	13.5мм
	DISTAL END ENLARGED

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INSERTION TUBE OUTER DIAMETER	11.3MM
WORKING LENGTH	1240MM
TOTAL LENGTH	1560MM
INSTRUMENT CHANNEL	4.2 MM
ANGULATION	UP 120°, DOWN 90°, RIGHT 110°, LEFT 90°
OPTICAL SYSTEM	FIELD OF VIEW: 100°
	DIRECTION OF VIEWING: BACKWARD SIDE VIEWING 15°
	DEPTH OF FIELD: 5-60MM
	MINIMAL VISIBLE DEPTH: 10MM
OTHER FEATURES	DUAL FOCUS
	NARROW BAND IMAGE TECHNOLOGY
	WATER JET
COMPATIBILITY	VIDEO SYSTEM CENTRE – OLYMPUS CV-190
	XENON LIGHT SOURCE — OLYMPUS CLV-190
ENDO-THERAPY	
ACCESSORIES	

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d) COLONOSCOPE E.G. OLYMPUS PCF-PH190L/L AND PCF-H190DL/L





OUTER DIAMETER	9.5MM - 9.7MM
WORKING LENGTH	1330мм – 1680мм
INSTRUMENT CHANNEL	3.2MM
ANGULATION	UP 180°, DOWN 180°, RIGHT 160°, LEFT 160°
OPTICAL SYSTEM	FIELD OF VIEW: 140°
	DIRECTION OF VIEW: FORWARD VIEWING
	DEPTH OF FIELD: 2-100MM
	MINIMAL VISIBLE DISTANCE: 3MM FROM DISTAL END
OTHER FEATURES	RESPONSE INSERTION TECHNOLOGY
	HDI IMAGE QUALITY
	NBI TECHNOLOGY
	WATER JET
	PREFREEZE FUNCTION

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	SCOPE GUIDE CAPABILITY
COMPATIBILITY	VIDEO SYSTEM CENTRE — OLYMPUS CV-190 XENON LIGHT SOURCE — OLYMPUS CLV-190
ACCESSORIES	

e) DIAGNOSTIC BRONCHOSCOPE E.G. OLYMPUS BF-XP190





OUTER DIAMETER	3.1mm, tapered tip of 2.9mm
INSERTION TUBE OUTER DIAMETER	2.8MM
WORKING LENGTH	600MM
INSTRUMENT CHANNEL	1.2 MM INNER DIAMETER
ANGULATION	UP 210°, DOWN 130°, RIGHT 120°, LEFT 120° WITH ROTATORY FUNCTION

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OPTICAL SYSTEM	FIELD OF VIEW: 110° DIRECTION OF VIEWING: 0° FORWARD VIEWING DEPTH OF FIELD: 2-50MM MINIMAL VISIBLE DEPTH: 1.5MM FROM DISTAL END
OTHER FEATURES	NARROW BAND IMAGE TECHNOLOGY WATERPROOF ONE-TOUCH CONNECTOR
COMPATIBILITY	VIDEO SYSTEM CENTRE — OLYMPUS CV-190 XENON LIGHT SOURCE — OLYMPUS CLV-190

f) THERAPEUTIC BRONCHOSCOPE E.G. OLYMPUS BF-1TH190



OUTER DIAMETER	6.2MM, DISTAL END
INSERTION TUBE OUTER DIAMETER	6.0MM
WORKING LENGTH	600MM

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TOTAL LENGTH	880MM	
Instrument Channel	2.8 MM	
ANGULATION	UP 180°, DOWN 130°, RIGHT 120°, LEFT 120° WITH ROTATORY FUNCTION	
OPTICAL SYSTEM	FIELD OF VIEW: 120°	
	DIRECTION OF VIEWING: 0° FORWARD VIEWING	
	DEPTH OF FIELD: 3-100MM	
	Minimal visible depth: 10mm	
OTHER FEATURES	NARROW BAND IMAGE TECHNOLOGY	
COMPATIBILITY	VIDEO SYSTEM CENTRE – OLYMPUS CV-190	
	XENON LIGHT SOURCE — OLYMPUS CLV-190	
ENDO-THERAPY ACCESSORIES	PULMONARY BIOPSY FORCEPS	
ACCESSORIES	CYTOLOGY BRUSHES	
	ELECTROCAUTERY UNIT AND ACTIVE CORD	
	REUSABLE ELECTRO-CAUTERY ACCESSORIES I.E. COAGULATION ELECTRODE, HOT BIOPSY FORCEPS, KNIFE, SNARES, ELECTROCAUTERY HANDLE	

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g) FLEXIBLE CYSTO- NEPHROSCOPE E.G. OLYMPUS CYF-V2



OUTER DIAMETER	2.7 MM, BULLET SHAPE
INSERTION TUBE OUTER DIAMETER	5.5 MM (FR16.2)
WORKING LENGTH	380 MM
TOTAL LENGTH	660 MM
Instrument Channel	2.2 MM (FR6.6)
ANGULATION	UP 210°, DOWN 120°
OPTICAL SYSTEM	FIELD OF VIEW: 120°
	DIRECTION OF VIEWING: 0° FORWARD VIEWING
	DEPTH OF FIELD: 3-50MM
OTHER FEATURES	NARROW BAND IMAGE TECHNOLOGY

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	ERGONOMIC CONTROL SECTION
COMPATIBILITY	VIDEO SYSTEM CENTRE — OLYMPUS CV-190
	XENON LIGHT SOURCE — OLYMPUS CLV-190
ENDOTHERAPY	BIOPSY FORCEPS, GRASPING FORCEPS, SNARES, INJECTION NEEDLES,
ACCESSORIES	STONE BASKETS, SHEATHS, CATHETERS, CLEANING BRUSHES,
	CYTOLOGY BRUSHES, 3-WAY CYSTOSCOPY TAP, TUBINGS, TIP PROTECTORS

	EQUIPMENT NAME	SPECIFICATIONS
2	WHEEL CHAIR	THE PUSH WHEELCHAIR SHOULD HAVE THE FOLLOWING GENERAL FEATURES:
		- CARRYING CAPACITY: AT LEAST 120KG
		- FOLDING: MANUAL FOLD
		- CHROMED PLATED FRAME
		- FIXED ARMREST, PVC PAD
		- FIXED FOOTREST, FLIP-UP PLATE WITH LEG STRAP
		- 20cm or 8 inches solid front castors
		- 61cm or 24 inches solid rear wheels
		- LOCKING BRAKES ON REAR WHEELS
		- LARGE POCKET ON THE BACK
		- SEAT AND BACKREST PROVIDING SITTING SUPPORT FOR THE USER
		- FIXED BACKREST HEIGHT AT LEAST MID-THORACIC HEIGHT

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3	MULTIPARAMETER PATIENT MONITOR	MULTIPARA-METER PATIENT MONITOR WITH 1. SPO2 PROBE
		DISPLAY WAVEFORMS AND DIGITS
		MEASUREMENT RANGE OF 0-100%
		PULSE RANGE: 30-250BPM
		ACCURACY; ±2%
		2. ECG PROBE
		ECG INPUT: 5 OR 3 LEADS SYSTEM CABLE
		ECG LEAD: I,II,III,AVR,AVL, AFV,V
		SCANNING SPEED(MM/SEC):6.25,12.5,25,50
		HEART RATE RANGE:15-380BPM
		ECG CALIBRATION: 1MV
		FREQUENCY RESPONSE: 0.05-100Hz
		3. TEMPERATURE PROBE
		MEASUREMENT RANGE;25.0-45.0 °C
		DISPLAY: T1,T2, AND TEMPERATURE
		DIFFERENCE
		4. NIBP PROBE
		MEASUREMENT METHOD: AUTOMATIC
		OSCILLOMETRIC
		PATIENT TYPE: ADULT, PEADRIATIC AND NEONATES
		MEASUREMENT PARAMENTERS: SYSTOLIC,
		DIASTOLIC AND MEAN
		MEASUREMENT RANGE: 10-300MMHG
		Unitus of measurement:mmhg/KPH
		5. CO2 PROBE(OPTIONAL)
		MEASUREMENT TYPE; MAIN STREAM OR SIDE
		STREAM
		MEASUREMENT RANGE:0-120BPM
		NB: THE MACHINE SHOULD HAVE AN ALARM
		SETTINGS FOR THE ABOVE PARAMETERS. THE
		ALARM SHOULD BE TRIGGERS IF READINGS ARE OUT OF RANGE
		THE MACHINE SHOULD COME WITH STAND
		VOLTAGE RATING:220V-240VAC
		THE MACHINE SHOULD COME WITH STAND

REQUEST FOR QUOTATIONS (for Goods)

4	DENTAL HANDPIECE (FAST HANDPIECE)	-4 HOLES STANDARD FAST HAND PIECE - WATER SPRAY: WITH TRIPLE WATER SPRAY -AUTOCLAVABLE -WORKING PRESSURE: 0.22-0.25MPA -TORQUE OF HANDPIECE (ROTATIONAL SPEED): OVER 360,000 REVOLUTION PER MINUTE -WITH LED LIGHT - MATERIAL: STAINLESS STEEL
5	CENTRIFUGE	-16 HOLES LABORATORY CENTRIFUGE -SAMPLE CAPACITY:16 HOLES OF 2.0ML/1.6ML.0.5M/0.2ML CENTRIFUGE TUBES -CENTRIFUGAL SPEED: ADJUSTABLE HIGH SPEED BETWEEN 1000-20000 REVOLUTION PER MINUTE
6	EXAMINATION COUCH	MATERIAL: Stainless steel with manual adjustable bed rest Size : 1920 x 650 x 530-780mm
7	DRUG TROLLEY	CONSTRUCTION: STAINLESS STEAL OR ALUMINIUM ALLOY DRAWERS: AT LEAST 6 DRAWERS CASTORS: PVC OR RUBBER CASTERS WITH BARKES DIMENSIONS: AT LEAST 750x475x930MM
8	AED (AUTOMATIC EXTERNAL DEFIBRILLATOR	KEY FEATURES WEIGHT: LIGHT WEIGHT MAX ENERGY:300J ENERGY SEQUENCY ADULT MODE: 150J,150J, 200J,120J PEDTRIATIC MODE: 50J, 50J, 75J, 50J,30J

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		VISUAL PROMPTS: LED INDICATORS AND LCD SCREEN PATIENT IMPENDANCE SCOPE: 20 TO 2000HMS AED PADS: ADULT AND PEADRIATIC OUTPUT ENERGY ACCURACY: +-15% OR 3J IMPORTANT NOTE: THE MACHINE SHOULD HAVE RECHARGEABLE BATTERY AND A CHARGER
9	MOBILE SCALING AMCHINE	KEY FEATURS: -ULTRASONIC FREQUENCY: 28KHZ TO 36KHZ - WATER PRESSURE: 1 TO 5 BARS -SUPPLY VOLTAGE: 230-240VAC, 50/60HZ TECHNOLOGY USES: NEWTRON TECHNOLOGY (LINEAR VIBRATIONS FOR PRECISE AND PAINLESS TREATMENT HAND PIECE TYPE: LED TYPE AND SHOULD BE AUTOCLAVEBLE AT 134 DEGREES CELCIUS -LED HAND PIECE: IT SHOULD BE NETRON LED LIGHT HAND PIECE FOR VISIBLE PLAQUE DETECTION
10	HIGH PRESSURE GAUGE OXYGEN REAGULATOR	OUTPUT: GREATER THAN 25 LITERS PER MINUTE • BULL NOSE OXYGEN PRESSURE REGULATOR TYPE • COMBINED PRESSURE AND FLOW REGULATOR
11	BASIC PATIENT TROLLEY the halomedicals.com	SIZE: 1950L X 650W X 680 / 900H MM. - FRAME WORK MADE OF STAINLESS STEEL - S.S. SAFETY GUARD RAILS ON EACH SIDE - MOUNTED OF FOUR CASTERS (ALL INDIVIDUAL BREAKS). - PROVISION FOR IV ROD. - SUPPLIED COMPLETELY WITH S.S. SIDE RAILINGS AND IV ROD.

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N o.	ITEM	SPECIFICATIONS / CHARACTERISTICS	
	WATER DISTILLER	 SPECIFICATIONS / CHARACTERISTICS SUPPLY REQUIREMENTS: 400 V, 3/N/PE, 50/60 Hz WATER CONSUMPTION APPROX.: EQUAL OR GREATER THAN 120L / HR. DIMENSIONS (W x D x H) MM: EACH DIMENSION HAS TO BE EQUAL OR GREATER THAN WITH +10% 550 x 280 x 570 MATERIAL: STAINLESS STEEL SHOULD CONTAIN TWO CHAMBERS, HEATING CHAMBER AND CONDENSING CHAMBER 	
		 CONDENSING CAMBER CAPACITY: 15-20 LITRES SHOULD CONTAIN WATER LEVEL SENSORS THAT TERMINATES THE HEATING PROCESS IN CASE OF UNAVAILABILITY OF WATER IN THE HEATING CHAMBER 	
		- SHOULD CONTAIN A WATER LEVEL INDICATOR THAT CORRESPONDS TO THE LEVEL OF WATER IN THE HEATING CHAMBER	
		- SHOULD HAVE AN ON AND OFF SWITCH	
		INPUT SUPPLY: EITHER SINGLE PHASE OR 3 PHASE SUPPLY	
		OUTPUT: EQUAL OR GREATER 4L / HR	
		RATED CAPACITY KW: APPROXIMATELY 7KW	
		SENSORS: HIGH AND LOW WATER LEVEL SENSORS (SMART CUT OFF WHEN ITS LOW).	

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13	NONE-MAGNETIC PATIENT TROLLEY (MR SAFE ADJUSTABLE HEIGHT TROLLEY)	APPLICATION: MRI	
		OPERATION: HYDRAULIC	
		 FEATURES: HEIGHT-ADJUSTABLE, FOLDING, TRENDELENBURG 	
		Number of sections: 2	
		OTHER CHARACTERISTICS: NONE MAGNETIC	
		MAXIMUM LOAD: EQUAL OR GREATER THAN 220KG.	
		• LENGTH: 1,900MM - 2200MM	
		• WIDTH: 6900 – 720MM	
		• HEIGHT: MAX.: 1,020 MM, MIN.: 650 MM	
		BASE SPECIFICS	
		HYDRAULIC DUAL PEDAL PUMP FOR EASE OF ELEVATION AND PATIENT COMFORT.	
		FOLDING COT SIDES TO PROTECT PATIENTS' SAFETY	
		5-7 CM THICKNESS HIGH DENSITY MATTRESS IN A 4 PCS NON MAGNETIC CASTORS, 1 UNIT IV POLE AS STANDARD.	
14	RESUSCITATOR (RADIANT WARMER)	• ELECTRICAL REQUIREMENT ~ 220V 50Hz or ~ 230V 60Hz	
		 POWER CONSUMPTION ≤ 700VA 	
		• AIR MODE TEMP. RANGE 25.0°C~ 37.0°C	
		• OVER TEMP. ALARM < 38.0°C	
		 HIGH MODE TEMP. RANGE 37.1°C~ 38.0°C 	

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- HIGH MODE TEMP. ALARM < 39.0°C
- TEMP. DEVIATION ALARM ±1.0°C
- SKIN SENSOR ACCURACY $\leq \pm 0.3^{\circ}$ C
- MATTRESS TEMP. UNIFORMITY ≤ 2.0°C

HEATING RATE ≤ 30MIN

NB: SHOULD COME WITH SPARE SENSING NOBE

15 | ELECTROSURGICAL DIATHERMY MACHINE



- Frequency: 450KHZ-1250kHz kHz.
- TISSUE MONITORING: ADVANCED MONITORING OF TISSUE IMPEDANCE FOR CONSISTENT ENERGY DELIVERY.
- CONTROL SYSTEM: TOUCHSCREEN OR MEMBRANE KEYBOARD

MONOPOLAR MODES:

POWER SETTINGS: CUT: 1-300 W, BLEND: 1-

200 W

COAG: SOFT: 1-120 W,

FULGURATE: 1-120 W, SPRAY: 1-120 W

PEAK VOLTAGE: CUT: 1287 V, BLEND: 2178 V,

COAG: SOFT: 264 V, FULGURATE: 3449 V,

SPRAY: 3933 V

-BIPOLAR MODES: POWER SETTINGS: LOW: 1-15 W, MEDIUM: 16-40 W, HIGH: 45-95 W

PEAK VOLTAGE: CUT: 742 V

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COAG: 318 V -LIGASURE TECHNOLOGY: - VESSEL SEALING: UP TO 7 MM IN DIAMETER - SEALING TIME: UP TO 50% FASTER - JAW TEMPERATURE: LOWER BY 2 DEGREES - ADDITIONAL FEATURES: - TISSUEFECT TISSUE SENSING TECHNOLOGY: **AUTOMATIC ADJUSTMENT OF ENERGY OUTPUT BASED ON TISSUE COMPOSITION** - RETURN ELECTRODE MONITORING (REM): MONITORS THE QUALITY OF ELECTRICAL CONTACT BETWEEN THE PATIENT RETURN **ELECTRODE AND THE PATIENT** - FOOT PEDAL: SUPPORTS MONOPOLAR AND IV FLUIDS WARMER 16 CONFIGURATIONS: 3 STRANDS/DECKS MACHINE DIGITAL DISPLAY • TIME INDICATORS: FLUID WARMER **RECORDS HOW LONG EACH BAG HAS BEEN WARMED** ivNow WITH SEISMIC WALL MOUNT WITH MOBILE EQUIPMENT STAND AND MOUNTING ANODIZED ALUMINIUM HEAT PLATE • LIGHTWEIGHT, MEDICAL GRADE PLASTIC HOUSING ACCOMMODATES 0.5L, 1L, 2L & 3L **BAGS**

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		 FIELD CUSTOMIZABLE POD CONFIGURATION INTELLIGENT BAG SENSORS DUAL TEMPERATURE SENSORS
17	INFUSION PUMP	-Volumetric infusion pump - Flow range: 1- 2000ml/hr with an incremental of 1ml -Display: A large colored LED display for easy monitoring -power input:220-240VAC -Operating modes 1. Flow rate mode 2. Time mode 3. does mode/weight mode 4. Sequential mode 5. Bolus function - Safety features 1. Occlusion detection: The machine should have three levels of occlusion pressure alarms and antibolus function to reduce pressure surges and occlusion release 2. Alarms: Visual and audible alarms for issues like loose, error, near empty, battery empty and infusion complete 3. Anti-free flow: The machine should have built in features to reduce the risk of accidental free flow 4. other alarms: Door open, air inline
18	RECOVERY TROLLY	Approximate dimensions: 1. Overall size: 2220l x 700 W X600-810H 2. Back rest angle: 75 degrees 3. Trendelenburg/Reverse Trendelenburg: 5/9 degrees Material: Stainless steal Height Adjustment: Hydraulic adjustment

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Castors: Heavy duty four swivel casters with at least two having brakes for secure position Locking system: central locking system or

individual wheel locking system

Iv pole: A telescopic IV pole with sockets at the

corners

Mattress: Should come with ant-bacterial washable and water proof mattress



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The following attachments are appe	nded to clarify the Description of the Goods:	
[List any attachments providing an	additional specification of the goods required	
Authorised By:		
Signature:	Name:	
-		
Position:	Date:	

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BENEFICIAL OWNERSHIP DISCLOSURE FORM

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM

This Beneficial Ownership Disclosure Form ("Form") is to be completed by the Bidder. In case of a joint venture, the Bidder must submit a separate Form for each member of the Joint Venture.

The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.

For the purposes of this Form, a Beneficial Owner of a Bidder is any natural person who ultimately owns or controls the Bidder by meeting one or kore of the following conditions-

- 1. Directly or indirectly holding 5% or more of the shares
- 2. Directly or indirectly holding 5% or more of the voting rights
- 3. Directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder.
- 4. Directly or indirectly has a substantial economic interest in or receives substantial economic benefit from, a company, whether acting alone or together with other persons;
- 5. Has a significant stake in a company and on whose behalf activity of a company is conducted; or
- 6. Exercises significant control or influence over a person through a formal or informal agreement, and where such ownership, control or interest is through a trust, the trustee(s) beneficiaries, or anyone who controls the trust.

Date: [insert date]

Procurement Reference No.: [insert procurement reference number]

Page [insert page number] of [insert total number of pages] pages.

To: [insert complete name of Procuring and Disposing Entity]

In response to the invitation for bid dated [insert date of invitation for bid] we hereby submit beneficial ownership information: [select one option as applicable and delete the options that are not applicable]

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We hereby provide the following beneficial ownership information.

Details of beneficial ownership

Identity Beneficial Owner	Directly or indirectly holding 5% or more of the shares (Yes/ No)	Directly or indirectly holding 5% or more of the Voting Rights (Yes/No)	Directly or indirectly having the right to appoint a majority of Board of Directors or an equivalent governing body of the Bidder (Yes/No)
[Include full			
name (Last,			
middle, first), nationality,			
country of			
residence,			
telephone			
number(s), email			
address, and			
postal and			
physical			
addresses]			

OR

- (i) We declare that there is no Beneficial Owner who has not been disclosed meeting one or more of the following conditions-
 - 1. Directly or indirectly holding 5% or more of the shares
 - 2. Directly or indirectly holding 5% or more of the voting rights
 - 3. Directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder.
 - 4. Directly or indirectly has a substantial economic interest in or receives substantial economic benefit from, a company, whether acting alone or together with other persons;

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5. Has a significant stake in a company and on whose behalf activity of a company is conducted; or

6. Exercises significant control or influence over a person through a formal or informal agreement, and where such ownership, control or interest is through a trust, the trustee(s) beneficiaries, or anyone who controls the trust.

OR

- (ii) We declare that we are unable to identify any Beneficial Owner meeting one or more of the following conditions. [If this option is selected, the Bidder shall provide explanation on why it is unable to identify any Beneficial Owner]
 - 7. Directly or indirectly holding 5% or more of the shares
 - 8. Directly or indirectly holding 5% or more of the voting rights
 - 9. Directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder.
 - 10. Directly or indirectly has a substantial economic interest in or receives substantial economic benefit from, a company, whether acting alone or together with other persons;
 - 11. Has a significant stake in a company and on whose behalf activity of a company is conducted; or
 - 12. Exercises significant control or influence over a person through a formal or informal agreement, and where such ownership, control or interest is through a trust, the trustee(s) beneficiaries, or anyone who controls the trust.

Name of the Bidder: [insert complete name of the Bidder]¹

Name of the person duly authorized to sign the Bid on behalf of the Bidder: [insert complete name of person duly authorized to sign the Bid]²

Title of the person signing the Bid [Insert complete title of the person signing the Bid

¹ In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder. In the event that the Bidder is a Joint venture, each reference to "Bidder" in the Beneficial Owner Disclosure Form (including this Introduction thereto) shall be read to refer to the Joint venture member.

² Person signing the Bid shall have the Power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

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Signature of the person named above
Date signed [insert ordinal number] day of [insert month], [insert year]