

Proj. Ref. No.: **PUR23-07-0695**
End-User: **DEPARTMENT OF SURGERY**
Project: **SUPPLY, DELIVERY AND TESTING OF ONE (1) LOT OF SEVEN (7) UNITS 4K/UHD MINIMALLY INVASIVE SURGERY TOWER SYSTEMS WITH INDOCYANINE GREEN (ICG) FLUORESCENCE AND SLAVE MONITORS**
Contract: **SINGLE BID**

Opening of Bids: **22 September 2023**
Total ABC: **Php81,080,000.00**

Item No.	Qty.	UOM	Item Description	Approved Budget for the Contract per Unit (PHP)	Quotations (all taxes included)	
					in figures	in figures
1	7	Unit	4K/UHD MINIMALLY INVASIVE SURGERY TOWER SYSTEMS WITH INDOCYANINE GREEN (ICG) FLUORESCENCE AND SLAVE MONITORS	11,000,000.00		
			Components/Unit:			
	1	Unit	1. 4K/UHD Organic Light-Emitting Diode (OLED) Monitor			
	1	Unit	2. 4K/UHD Video Camera Processor			
	1	Unit	3. 4K/UHD Camera Head			
	1	Unit	4. LED Light Source			
	1	Unit	5. Fiber-Optic Light Cable			
	1	Unit	6. High Flow Insufflation Machine			
	1	Unit	7. Irrigation Machine with Tube sets			
	1	Unit	8. Medical-grade Recorder (Third Party)			
	2	Unit	9. Telescopes			
	1	Unit	10. Equipment Cart			
	1	Piece	11. Sterilization Tray			
	-	Piece	12. Accessories			
	5		Slave Monitors 1. Medical Grade Slave Monitor with Mobile Stand	800,000.00		
	2		2. Commercial Grade Slave Monitor with Mobile Stand	40,000.00		
			Specifications/Unit			
			1. 4K/UHD Organic Light-Emitting Diode (OLED) Monitor (7 units) a. Size: At least 32 inches b. Must have wide screen Organic light-emitting diode (OLED)			

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Chairperson

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			<p>surgical display with a native resolution of 3840 x 2160</p> <p>c. Can support maximum resolution of true 4K (4096 x 2160)</p> <p>d. Contrast Ratio of 1,000,000:1</p> <p>e. Physical dimension of display per manufacturer's standard</p> <p>f. Net Weight display per manufacturer's standard</p> <p>g. Screen protection must have double sided anti-reflective & anti-fingerprint protection</p> <p>h. Inputs: DC Power, DVI HDMI (1) and 4K HDMI (1)</p> <p>i. Power consumption between 20-115 Watts</p> <p>2. 4K/UHD Camera Processor (7 units)</p> <p>a. Resolution: 1080p (HD) and 4K UHD (3480 x 2160)</p> <p>b. 1/2.8" Progressive Scan CMOS Ultra High Definition</p> <p>c. Supports PAL/NTSC</p> <p>d. Video Output:</p> <p>i. Two (2) HDMI 2.0 output (supports 4K UHD video resolution)</p> <p>ii. One (1) Light Source Port</p> <p>iii. Two (2) Remote Out</p> <p>iv. One Hub Port (Connects to digital capture device)</p> <p>e. Device weight per Manufacturer's Standard</p>			

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			<ul style="list-style-type: none"> f. Device dimension per Manufacturer's standard g. User Interface: LCD touch display h. With at least 9 surgical specialty settings and must include the following: Arthroscopy, Laparoscopy, Cystoscopy, ENT and Hysteroscopy i. Has different ICG/Fluorescence mode selection: <ul style="list-style-type: none"> - Can provide white light image/real time color with ICG fluorescence indicating <p>3. 4K/UHD Camera Head (7 units)</p> <ul style="list-style-type: none"> a. 4K, CMOS 3-chip Technology b. Weight of camera not more than 0.5 kg c. Must have programmable buttons d. Must be capable for both white light and ICG Fluorescence <p>4. LED Light Source (7 units)</p> <ul style="list-style-type: none"> a. Applications: <ul style="list-style-type: none"> i. White Light mode (must have Auto light and Manual light) ii. Must be capable of ICG Fluorescence and white light in one console. iii. Has Infrared Illumination System that can use disposable lighted ureteral stent to avoid ureteral damage for 			

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			<p>laparoscopy and open surgical procedures</p> <p>iv. Capable of Infrared Illumination</p> <p>b. With multitouch capable screen</p> <p>c. Adjustable Light Intensity Level (10%-100%)</p> <p>d. Dimensions per Manufacturer's standard</p> <p>e. Weight per Manufacturer's standard</p> <p>f. Lamp Type:</p> <p>i. Red LED</p> <p>ii. Green LED</p> <p>iii. Blue LED</p> <p>iv. 808 nm Laser</p> <p>v. 830 nm Laser</p> <p>5. Fiber-Optic Light Cable (7 units)</p> <p>a. Dimensions: 5.0 mm x 3.05m clear case</p> <p>b. Must have Integrated Safety technology that automatically puts the Light Source into Standby mode when the scope is disconnected from the light cable</p> <p>c. The light cable is capable for both white light and ICG Fluorescence</p> <p>6. Insufflation Machine (7 units)</p> <p>a. 4 Insufflation Modes</p> <p>i. Pediatric</p> <p>ii. Bariatric</p>			

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			<ul style="list-style-type: none"> iii. Vessel Harvesting iv. High Flow not exceeding 45L/min b. Real time pressure measurement c. Must provide powerful continuous gas flow d. With Tube set adaptor with ISO Connection and Heater connection <p>7. Irrigation Machine (7 units)</p> <ul style="list-style-type: none"> a. Battery or electric operated unit b. With toggle button for battery level display c. Maximum of 4L per minute flow rate with increase and decrease button control d. Tube sets with integrated trumpet type irrigation or suction instrument with tip <p>8. Medical Grade Recorder (7 units)</p> <ul style="list-style-type: none"> a. High-definition recording b. Simultaneous recording on internal HDD and an external media <ul style="list-style-type: none"> i. Allows DVD/ USB external media recording c. Recording format: MPEG 4 d. Internal HDD: At least 500GB e. User interface: At least 13-inch Wide LCD Full HD Monitor with Anti-Glare f. With Footswitch/Keyboard 			

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			9. Adult Size Telescopes a. Six (6) pieces Forward-Oblique 30° Laparoscope i. diameter 10mm ii. length 33cm iii. Capable of ICG fluorescence viewing and white light iv. Hopkins-type telescope v. For use with trochar size 11 vi. Fiberoptic light transmission incorporated vii. Autoclavable b. Six (6) pieces Straight-Forward 0° Laparoscope i. diameter 10mm ii. length 33cm iii. capable of ICG fluorescence viewing and white light iv. Hopkins-type telescope v. For use with trochar size 11 vi. Fiberoptic light transmission incorporated vii. Autoclavable c. Must have container for storage and sterilization for 12 scopes, 2 scopes per container. 10. Pediatric Size Telescopes a. One (1) piece Forward-Oblique 30° Laparoscope i. diameter 5mm ii. length 33cm iii. Capable of ICG fluorescence			

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			viewing and white light iv. Hopkins type telescope v. Fiberoptic light transmission incorporated. vi. Autoclavable b. One (1) piece Straight-Forward 0° Laparoscope i. diameter 5mm ii. length 33cm iii. capable of ICG fluorescence viewing and white light iv. Hopkins-type telescopes v. Fiber optic light transmission incorporated vi. Autoclavable c. Must have container for storage and sterilization for the two telescopes 11. Equipment Cart (7 units) a. With an articulated arm capable of supporting a 32-inch LED Monitor. b. The rotating arm should allow for the following movements: i. Up and down ii. Left and right adjustment iii. Tilt up and tilt down c. With medical grade Multi-sockets mounted at the rear side of the cart for all the equipment power plug. d. Manually locking or hydraulic locking rotating arm e. With rear door			

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			<ul style="list-style-type: none"> f. With transporting and positioning handles g. All the components of the system including the image processor, light source, insufflator, suction-irrigator and video recorder must be accommodated. <p>12. Sterilization Tray (7 units)</p> <ul style="list-style-type: none"> a. Can accommodate the camera head, light source cable and two (2) scopes b. Autoclavable <p>13. Accessories/Laparoscopic unit</p> <ul style="list-style-type: none"> a. Insufflator tube set <ul style="list-style-type: none"> i. One (1) box High flow disposable tube set (box of 5's) ii. One (1) piece High flow heated reusable tubeset b. One (1) unit Uninterruptable power supply at least 4kVA (Third Party) c. One (1) piece CO2 tank hose (Third Party) <p>14. High-Definition Slave Monitors (5 Units)</p> <ul style="list-style-type: none"> a. Must be medical grade b. At least 26-inch IPS Alpha panel with LED backlight c. 16:9 aspect ratio d. Native resolution: At least 1920 x 			

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			<p>1080 (Full High Definition)</p> <p>e. Supported video inputs: digital RGB, analogue RGB, SDI, component video, S video and C video</p> <p>f. With on-screen user interface with shortcut keys</p> <p>g. With Double sided anti reflective coating</p> <p>15. Commercial Grade Slave Monitors (2 Units)</p> <p>a. Size: At least 43 inches</p> <p>b. Resolution: At least 3840 x 2160</p> <p>c. With LAN Port</p> <p>d. Power supply: 100 to 240 VAC</p> <p>16. Mobile Monitor Stand for Slave Monitors (7 units)</p> <p>a. Weight capacity: At least 70 Kgs</p> <p>b. Supports screen size from 37 inches to 70 inches</p> <p>c. Max VESA: 600 x 400</p> <p>d. Mobility: Lockable casters</p> <p>e. Height adjustable</p> <p>f. Rotation: At least 90 degrees</p> <p>g. With tilt function</p>			
TOTAL APPROVED BUDGET FOR THE CONTRACT:				Php81,080,000.00		

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TERMS AND CONDITIONS:

A. Requirement/s if declared as Lowest/Single Calculated Bids:

1. Presentation of Technical data sheet and/or presentation of a prototype equipment within seven (7) calendar days after receipt of Notice of Lowest / Single Calculated Bid.

B. Requirement/s if awarded the contract:

1. Delivery Period: Within Ninety (90) Calendar days after receipt of Notice to Proceed (NTP).
2. Delivery Place: Equipment Section, Property & Supply Division, Philippine General Hospital, Taft Avenue, Manila
3. Warranty Period / Coverage of Warranty: One (1) year on parts and Two (2) years on service. Free quarterly preventive maintenance during the warranty period. Warranty Period shall commence from the date of acceptance by the end user after installation, testing and commissioning.
4. Signed Service level agreement with the Philippine General Hospital.
5. Original hard copy (not photocopy) or soft copy of operators and service manuals in English Language
6. Product orientation for end users and troubleshooting training for at least two (2) biomedical engineers.
7. Quotation of the Annual Preventive Maintenance Cost after the warranty period expires
8. Acceptance Procedures and Parameters: Visual and Functional Testing.

C. Documents Required of the bidder to be submitted during Post-Qualification:

1. Brochures/Technical data Sheet.
2. SEC registration to prove that the supplier is in the business of importing and supplying medical equipment.
3. Certified true copy of the Certificate of Distributorship for the last five (5) years. The principal and the local distributor must have been in business partnership for at least five (5) years.
4. Certificate that the Brand has been in the local market for at least five (5) years. Proof required: Invoices or Purchase Orders.
5. The Brand must have been installed in at least ten (10) government and/or private hospitals. A list of the hospital and contact no must be submitted.
6. Certification by the supplier that at least One (1) service engineer is available locally to provide quick on-site support.

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7. Certification that components of the system are of the same brand except when otherwise stated as "third party" in the specification
8. List of Service Center/s
9. Certificate of Performance Evaluation from the Single Largest Contract.
10. License to Operate (LTO) from the Philippine FDA.

D. Documents required of the principal to be submitted during Post-Qualification:

1. Certification that the manufacturer has been in the business of manufacturing hospital equipment for at least ten (10) years.
2. Guarantee letter from the manufacturer to ensure availability of supplies, parts and accessories for at least five (5) years after expiration of the warranty period.
3. Certification by the principal that service engineers are factory trained on service and repair.
4. ISO compliance certificate of the manufacturer.
5. List of the manufacturer's office and contact details in the following territories: Western Europe, US/Canada and Japan.

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