

Proj. Ref. No.: **PUR23-08-0771**
End-User: **DEPARTMENT OF SURGERY/DIVISION OF COLORECTAL SURGERY**
Project: **SUPPLY, DELIVERY, AND TESTING OF ONE (1) LOT OF
ENDORECTAL/ENDOANAL ULTRASOUND SYSTEM**
Contract: **SINGLE BID**

Opening of Bids: **13 October 2023**
Total ABC: **Php8,705,649.00**

Item No.	Qty.	UOM	Item Description	Approved Budget for the Contract per Unit (PHP)	Quotations (all taxes included)	
					in figures	in figures
1	1	Lot	ENDORECTAL/ENDOANAL ULTRASOUND SYSTEM	8,705,649.00		
			Component of the system: A. One (1) endorectal/endoanal ultrasound machine B. One (1) Anorectal 3D Ultrasound Transducer C. Colorectal application pack D. Various accessories E. Consumables			
			Technical Specifications:			
	1		A. Endorectal/ endoanal Ultrasound Machine 1. Platform <ul style="list-style-type: none"> a. Console type b. Mobility <ul style="list-style-type: none"> i. With four (4) caster wheels ii. With front and rear handles c. Storage <ul style="list-style-type: none"> i. Built in hard disk drive: at least 500GB d. With built-in battery/ standby battery e. Ports <ul style="list-style-type: none"> i. Console with at least four (4) active transducer connectors ii. with at least eight (8) USB ports iii. Display out ports <ul style="list-style-type: none"> • DVI-D or HDMI • VGA • Composite video f. Console with backlit alphanumeric keyboard, 	5,364,048.00		

Approved by:

Dean CHARLOTTE M. CHIONG, MD., PhD.
Chairperson

(Signature over Printed Name of President / Gen. Manager)

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			trackball and user-defined hard keys g. Ability to adjust height of keyboard with range of at least 25 cm h. With integrated speakers i. Built-in or integrated printer i. One (1) printer (black and white) with on board storage of thermal paper 2. Monitor a. Must have a high-resolution LED screen of not less than 19 (nineteen) inches in diagonal length b. Must be equipped with a movable (articulated) arm independent of the console: capable of horizontal, vertical and swivel adjustment c. Must have adjustable contrast and brightness d. Thin film transistor (TFT) LCD display type e. Display resolution of at least 1024x1280 @60Hz f. Adjustable monitor height of at least 26cm g. Adjustable monitor swivel at least +/- 175 degrees 3. Control Panel a. User interface with direct or instant on-screen controls b. User interface with automatic and manual gain control			

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			<ul style="list-style-type: none"> c. User interface with automatic and manual B-mode optimization d. User interface with automatic and manual doppler optimization e. With dedicated keys to control recording devices, including DICOM 4. Software <ul style="list-style-type: none"> a. Has a fast OS boot time <ul style="list-style-type: none"> i. Boot from shut-down less than 85 secs ii. Boot from standby less than 20 secs iii. Shut down less than 30 secs b. Display modes must including the following <ul style="list-style-type: none"> i. Full-size, split screen or multi-screen display ii. Ability to display selected images or selectable alternating modes c. Operating modes <ul style="list-style-type: none"> i. B mode ii. M mode iii. Color flow mapping iv. CW spectral doppler v. PW spectral doppler vi. Power doppler vii. Tissue harmonic imaging viii. Contrast imaging ix. Strain elastography d. Simultaneous combination modes 			

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			<ul style="list-style-type: none"> i. Duplex combination modes <ul style="list-style-type: none"> • 2D + M mode • 2D + PW Spectral doppler ii. Triplex combination modes <ul style="list-style-type: none"> • 2D + color flow mapping + PW Spectral doppler • 2D + power doppler + PW spectral doppler iii. Biplane imaging iv. Inversion imaging e. Advanced imaging features <ul style="list-style-type: none"> i. speckle reduction ii. compound imaging iii. directional power doppler iv. tissue harmonic imaging v. contrast imaging vi. trapezoid scanning (virtual convex) vii. non-doppler flow visualization viii. panoramic imaging ix. tissue doppler x. Color M-mode xi. anatomic M-mode xii. synthetic transmit aperture f. Data back-up/ restore g. Image import and export h. Full digital realtime recording i. Export options include: DICOM, AVI, BMP, JPEG, MP4 			
	1		B. Anorectal 3D Ultrasound Transducer – for transrectal scanning <ul style="list-style-type: none"> 1. Beam angle to rotating axis of 90 	1,897,000.00		

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			degrees 2. Sector angle of image field of 360 degrees 3. Frequency range of 20 – 3 MHz 4. With two elements or contact surfaces (low and high) 5. Element or contact surface diameter of at least 8.5mm (low) AND at least 5mm (high) 6. Elements or contact surface transverse focal length of at least 19mm (low) AND at least 15mm (high) 7. Focal range of at least 15-50mm (low) AND 5-25 (high) 8. Transducer shaft must be able to provide image from anal canal opening up to sigmoid colon 9. Transducer must be able to visualize all rectal wall layers and be able to detect anal sphincter damage 10. Transducer weight per manufacturer's standard 11. Transducer should have an integrated Smart Button to easily activate, freeze, print and store images 12. Transducer cable working length of at least 220cm			

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	1		C. Colorectal Software Application Pack 1. Must include licensed colorectal application pack 2. Software application pack capable of 3D and volume rendering as well as modifying image opacity/contrast enhancement of data set to provide superior image in all anatomic planes 3. Data from a series of two-dimensional images can be combined to create a 3D image that can be freely rotated and sliced depending on operator preference	1,175,000.00		
	1		D. Accessories 1. Must include compatible water standoff collar or equivalent with Luer lock valve and plastic extension tubing	58,636.00		
	1		2. Must include reusable and sterilizable metal rectosigmoidoscope	43,000.00		
	1		E. Consumables 1. O-rings for use with compatible Water Standoff system (Packs of 10)	6,430.00		
	1		2. Disposable transducer covers compatible with all three transducers (Packs of 24)	17,535.00		
TOTAL APPROVED BUDGET FOR THE CONTRACT:				Php8,705,649.00		

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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 brochure (7) calendar days after receipt of Notice of Lowest / Single Calculated Bid

B. Requirement/s if awarded the contract:

1. Delivery Period: Within one hundred twenty (120) 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: Thirty-six (36) months warranty from the date of acceptance of the system of equipment against workmanship and material defects.
4. Three (3) years warranty on calibration and Preventive Maintenance on Semi-Annual basis with certification.
5. Upgradeable firmware and software application packs available during the three (3) year warranty period
6. Certification on the availability of spare parts for the next 5 years
7. Manuals: The supplier must provide two (2) original hard copies (not photocopy) and soft copies of operators and service manuals in English Language upon delivery.
8. Training: Undertaking to provide product orientation and troubleshooting for end users and hospital maintenance engineer/ staff.
9. Acceptance Procedures and Parameters: Visual inspection and successful use of the equipment.

C. Requirements to be submitted by the bidder for bid opening:

1. Brochures/Technical data Sheet.
2. SEC registration to prove that the supplier is in the business of importing and supplying medical equipment for the past 10 years
3. Certification that the manufacturer has been in the business of manufacturing ultrasound machines for at least 10 years.
4. Certified true copy of the Certificate of Distributorship for the last three (3) years. The principal and the local distributor must have been in business partnership for at least three (3) years.

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5. The Brand must have been in the local market for the past three (3) years. Proof required: Invoices or Purchase Orders.
6. Certification by the principal that service engineers are factory trained on service and repair.
7. List of local Service Center/s
8. Certificate of Performance Evaluation from the Single Largest Contract.
9. License to Operate (LTO) from the Philippine FDA.
10. ISO/IEC compliance document of the manufacturer.
11. Proof that the manufacturer has presence in any country in Western Europe, US/Canada, and Japan.

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