

Proj. Ref. No.: **PUR23-08-0794**
End-User: **DEPARTMENT OF SURGERY/DIVISION OF HEPATOBILIARY AND PANCREATIC SURGERY**
Project: **SUPPLY, DELIVERY, AND TESTING OF ONE (1) LOT OF INTRAOPERATIVE ULTRASOUND MACHINE**
Contract: **SINGLE BID**

Opening of Bids: **13 October 2023**
Total ABC: **Php12,500,000.00**

Item No.	Qty.	UOM	Item Description	Approved Budget for the Contract per Unit (PHP)	Quotations (all taxes included)	
					in figures	in figures
1	1	Lot	INTRAOPERATIVE ULTRASOUND MACHINE	12,500,000.00		
			TECHNICAL SPECIFICATIONS:			
			A. Ultrasound Console Platform <ol style="list-style-type: none"> Mobility <ol style="list-style-type: none"> With four (4) lockable caster wheels With front and rear handles Storage <ol style="list-style-type: none"> With an integrated hard disk at least 500 GB capacity Able to freely access and measure stored images. Ports <ol style="list-style-type: none"> Console with at least 4 transducer connectors With at least four (4) USB 2.0 ports to connect external hard disk drive (HDD) Display out ports <ol style="list-style-type: none"> DVI-D or HDMI VGA Composite video Lighting: <ol style="list-style-type: none"> backlit alphanumeric keyboard backlit trackball With integrated speakers With built in battery or back up battery B. Monitor <ol style="list-style-type: none"> Viewing monitor <ol style="list-style-type: none"> High resolution TFT LCD with actual diagonal length of at least 19 inches 			

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Chairperson

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			<ul style="list-style-type: none"> b. Must be equipped with a movable (articulated) arm independent of the console: horizontally, vertically and swivel. c. Must have an adjustable contrast and brightness. d. Must have a resolution of at least 1920 x 1080 e. Adjustable monitor height of at least 26 cm f. Adjustable monitor swivel at least ± 175 degrees <p>2. Control Panel</p> <ul style="list-style-type: none"> a. User interface with direct or instant on-screen controls b. The Display Modes must at least include the following: <ul style="list-style-type: none"> i. Full size, split screen or multi-screen capability ii. Ability to display images or simultaneous or selectable alternating modes c. User interface with automatic or manual gain control d. User interface with automatic and manual B-mode optimization e. Operating modes <ul style="list-style-type: none"> i. B-mode ii. M-mode 			

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			<ul style="list-style-type: none"> iii. Color flow mode (CFM): (2D, 3D and 4D) iv. B Flow or similar features (B+B/CFM, B+B/S-FlowHD, B/CFM+PW, B/S-FlowHD+PW, B+C, B+M, B+3D, B+4D, B/S-FlowHD) v. Power doppler imaging (PDI) vi. PW doppler imaging (PDI) vii. PW doppler viii. CW doppler ix. Tissue doppler mode x. Volume visualization modes (3D/4D, Volume contrast imaging, Automated analysis of 3D images, Automatic volume calculation, Ultrasound computed tomography, 4D biopsy) f. Dual live mode / Biplane mode g. Quad mode h. Inversion mode i. Imaging features <ul style="list-style-type: none"> i. With automatic optimization ii. Speckle reduction imaging or similar features iii. Fine angle steer or similar features iv. Tissue harmonic imaging or similar features v. Compound Resolution 			

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			<p>Imaging - With enhanced tissue and border differentiation</p> <ul style="list-style-type: none"> j. Quick scan in B mode and PW mode k. Panoramic view l. Free angle M mode or similar feature m. Raw data analysis n. Realtime automatic doppler calculations o. Data back-up/restore, image exporting and importing, full digital real-time recording p. Export option: DICOM, AVI, BMP, TIFF, JPEG, MP4 to USB q. Advanced Feature Set <ul style="list-style-type: none"> i. Elastography: mapping and analysis r. Upgradeable firmware and abdominal and musculoskeletal application packs <p>C. Transducers</p> <ul style="list-style-type: none"> 1. One curved array type transducer – for abdominal and musculoskeletal applications: <ul style="list-style-type: none"> a. Beam angle to rotating axis of 90 degrees b. Equipped with convex array type c. Frequency range of at least 5 -1 MHz d. Scan width of at least 50 mm 			

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			<ul style="list-style-type: none"> e. Scan angle of at least 70 degrees f. Transducer cable working length of at least 220 cm g. Cleaning and disinfection methods via wiping with disinfectant or liquid immersion or gas sterilization <p>2. One (1) Four (4)-way Laparoscopic Transducer – for targeted assessment of lesions and organs in laparoscopic surgery:</p> <ul style="list-style-type: none"> a. Equipped with linear array type b. Frequency range of at least 12 - 2 MHz c. Insertion diameter of 12 mm d. Scan width of at least 33 mm e. Four-way adjustment via control mechanism built into laparoscopic transducer f. Transducer cable working length of at least 220 cm g. Cleaning and disinfectant or liquid immersion or gas sterilisation <p>3. One (1) T-shaped or side-firing intraoperative flat transducer – for targeted assessment of lesions and organs in open surgical procedures</p> <ul style="list-style-type: none"> a. Equipped with linear array type b. Transducer interface should be flat 			

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			<ul style="list-style-type: none"> c. Frequency range of at least 14 – 2 MHz d. Scan width of at least 42 mm e. Transducer cable working length of at least 220 cm f. Cleaning and disinfection methods via wiping with disinfectant or liquid immersion or gas sterilisation <p>D. Accessories</p> <ul style="list-style-type: none"> 1. One (1) black and white printer with onboard thermal paper storage 2. At least ten (10) rolls thermal paper 3. With one (1) DVD/CD recorder 4. With one (1) UPS that can power the unit for at least 30 minutes (third party), or longer <p>E. DICOM</p> <ul style="list-style-type: none"> 1. DICOM compatibilities: store, print, verify, worklist, storage commitment, and media exchange 2. Capable of DICOM Network Communication <p>F. Other supplies</p> <ul style="list-style-type: none"> 1. At least fifteen (15) bottles of ultrasound gel 2. At least Five (5) canisters of probe cleaner 3. One (1) piece protective cover <p>G. Security</p> <ul style="list-style-type: none"> 1. Secure user management, with user identification for system access and 			

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			tracking documentation 2. Capable of protecting sensitive data with whitelisting and HD encryption			
TOTAL APPROVED BUDGET FOR THE CONTRACT:				Php12,500,000.00		

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 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 on parts and service. Warranty starts from the date of acceptance of the system by the end users.
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) personnel of third party maintenance provider.
7. Quotation of the Annual Preventive Maintenance Cost after the warranty period expires.
8. Acceptance Procedures and Parameters: Visual and functional testing.
9. Acceptance Procedures and Parameters: Visual inspection and successful use of

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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 three (3) years. The principal and the local distributor must have been in business partnership for at least three (3) 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 number must be submitted.
6. Certification by the supplier that at least one service engineer is available locally to provide quick on-site support
7. List of local Service Center/s
8. Certificate of Performance Evaluation from the Single Largest Contract.
9. Licence to Operate (LTO) from the Philippine FDA.
10. Certificate of Medical Device Registration (CMDR) or Certificate of Medical Device Notification (CMDN) 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 ultrasound machines for at least 10 years.
2. Guarantee letter from the manufacturer to ensure availability of supplies, parts and accessories for at least ten (10) years.
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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