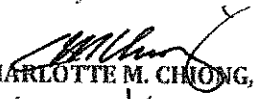


University of the Philippines Manila
The Health Sciences Center
SPECIAL BIDS & AWARDS COMMITTEE (SBAC 1)

Bid/PR No. : PUR15-09-1586
End-User : DEPARTMENT OF REHABILITATION, PGH
Project : SUPPLY & INSTALLATION OF MUSCULOSKELETAL ULTRASOUND MACHINE, TRANSCRANIAL MAGNETIC STIMULATION (TMS, TMS) & ELECTROMYOGRAPHY - NERVE CONDUCTION VELOCITY MACHINE

Opening of Bid: 18 December 2015

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION	APPROVED BUDGET FOR THE CONTRACT PER UNIT (PhP)	QUOTATIONS (In figures / in words (all taxes included))
1	2	Unit	<p>Musculoskeletal Ultrasound</p> <p>Musculoskeletal Ultrasound Machine</p> <p>System Specification:</p> <p>System weight: at least 3.85kg/8.5 lbs with battery</p> <p>Dimensions: at least 32.7cm x 31.5 cm x 6.4 cm/ 12.9" x 12.4" x 2.5" (L x W x H)</p> <p>Display: at least 30.7 cm/at least 12.1" diagonal LCD screen</p> <p>Architecture: All-digital broadband</p> <p>Dynamic range: at least 165 dB</p> <p>Gray scale: 256 shades</p> <p>Health Insurance Portability and Accountability Act (HIPAA) Compliance:</p> <ul style="list-style-type: none">Comprehensive tool setAbility to function by AC/DC or battery power with the same degree of functionalitySystem should go from the off status to active scanning in at least 20secondsBattery life: at least 2 hours. <p>Imaging modes and Processing:</p> <p>Broadband, Multifrequency Imaging:</p> <ul style="list-style-type: none">- B-mode/M-mode imaging<ul style="list-style-type: none">• provide user with controls for optimizing resolution in brightness mode• display a maximum depth of at least 35cm and a minimum of at least 1.5cm• provide a timeline Cine function with at least 200 frames of available view.• Ability to transmit from one frequency and receive at a higher harmonic noise and clutter and improve image.• Ability to enhance tissue margin and improve contrast resolution by reducing artifacts and improving visualization of texture patterns within the image.- 2D/Tissue harmonic imaging/M-mode- Velocity color Doppler/ Color power Doppler<ul style="list-style-type: none">• System should provide a user controlled mechanism to easily control the size and position of the color region of interest including independent controls of its height and width• System should provide user with controls for optimizing resolution in color modes.- Pulsed Wave, Pulse Wave tissue Doppler- Doppler angle, correct after freeze- either panoramic scanning OR dual multi image function with all transducers that the positions the two images along side each other in a seamless fashion for ease of visualizing extended field of view from two separate scan positions.	4,500,000.00	9,000,000

Approved by:

CHARLOTTE M. CHIONG, MD, PhD
Chairperson

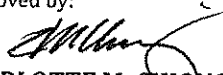
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(Name & Address of Company)

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			<ul style="list-style-type: none">- At least 2x pan/zoom capability, Dynamic range and gain- Color HD Technology Image processing/storage/archive: <ul style="list-style-type: none">- At least capability for storage and retrieval of images and clips- Onboard Image and clip storage review:<ul style="list-style-type: none">- at least 8GB Internal flash memory storage capability. Potential to store at least 30,000 images or 960 2-second clips- Clip store capability (maximum single clip length: 60 seconds)- Storage capacity alert if internal storage memory is less than 10% External data management and wireless: <ul style="list-style-type: none">- System should be at DICOM complaint and support the following DICOM functionality: Storage, Print, and Worklist.- System should allow saving the DICOM configuration via USB so they are easy to restore and replicate.- PC/Mac export configuration- Export BMP, JPEG or DICOM images to the USB device User Interface and remappable controls <ul style="list-style-type: none">- Softkeys to drive advanced features- Splash resistant sealed QWERTY keyboard- Track pad with select key for easy operation and navigation- Doppler controls: angle, steer, scale, baseline, gain and volume- Image acquisition, keys, review, report, Clip store, save- Dedicated AutoGain and Exam keys to allow quick activation- Color controls: size/position, angle, scale,baseline and invert Transducers <ul style="list-style-type: none">- Operate at frequencies from a minimum of at least 1.0MHz to a maximum of at least 15MHz.- With biopsy guide capability- Preferably, with freeplane navigation with adaptive needle recognition (optional) Broadband/Multifrequency: <ol style="list-style-type: none">1. At least 38 mm linear array 13-6 MHz, scan depth at least 9cm, for musculoskeletal, vascular, nerve and superficial imaging. (1-2 pcs)2. At least 60mm curved array, 5-2 MHz, scan depth of at least 30cm3. At least 50mm linear array 15-6 MHz, scan depth of at least 6cm (1-2 pcs)4. Hockeystick linear array 13-6MHz, with scan depth of at least 6 cm Measurement tools, pictograms and annotations: <ul style="list-style-type: none">2D: distance calipers, ellipse and manual traceDoppler: velocity measurements, pressure half time, auto and manual traceUser selectable text and pictogramsUser-defined, application specific annotations Durability <ul style="list-style-type: none">- Drop tested at least 91.4 cm/3 feet		

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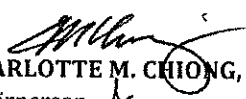
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2	1	Unit	<p>Connectivity:</p> <ul style="list-style-type: none">- S-video (in/out) to VCR for record and playback- Composite video output (NTSC/PAL) to VCR or video printer- Audio output- Integrated speakers- Ethernet or wireless image/ data transfer- USB ports (at least 2)- RS-232 transfer- Image management: Store, print, storage commit, modality worklist, MPPS <p>Power supply:</p> <ul style="list-style-type: none">- System operates via battery or AC power- Rechargeable lithium ion battery- AC: universal adapter, 100-240 VAC, 50/60 Hz input, 15 VDC output- Less than 20 sec. from power-on to scanning <p>Accessories:</p> <ul style="list-style-type: none">- Mobile docking station to store and transport the system- Mobile docking station should have an option for at least three active transducer ports- Mobile docking station should have at least 2 gel holders- Optional triple transducer connect (TTC) to quickly activate transducers electronically- Optional foot switch- 1 unit thermal Printer: medical grade black and white or color- At least five 250mL ultrasound gel with container- Thermal paper for images, supply for at least 1 month- 1 unit Uninterruptible Power Supply (UPS) <p>Transcranial Magnetic Stimulation (rTMS, TMS)</p> <p>Physical specifications:</p> <ul style="list-style-type: none">- Size: 642mm x 653mm x 1030mm (W x L x H)- Weight: at least 50kg <p>System specifications:</p> <ul style="list-style-type: none">- 1 piece transducer/magnetic applicator coil applicable for neuropsychiatry, rehabilitation, depression and pain.- 1 piece power cable- 1 piece treatment chair- Peak magnetic energy: 0.5~3.0 Tesla@100% output- Repetition rate:<ul style="list-style-type: none">15Hz@100% output20Hz@80% output30Hz@50% output50Hz@30% output	5,000,000.00	5,000,000.00

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3	1	Unit	<p>- Train Duration: User selectable in 0.1 sec increment - Output waveform: Symmetric biphasic pulse - Pulse width: 350µs - Trigger input/output: TTL (Active low or high: via D-Type connector) - Operating: Color TFT LCD touch screen - Power supply: 200~240Vac 50/60Hz 5A, Single phase - Software: Integrated color touch screen display and 3 stimulation modes (single, repetitive, burst).</p> <p>Additional:</p> <p>1. Free 1 unit Extracorporeal radial wave therapy 2. Optional down transformer 110-220V</p> <p>Electromyography-Nerve Conduction Velocity Machine Nerve conduction velocity and Electromyography with at least 4 channels includes: System specifications: Base unit with dedicated ergonomic keypad and knob controls At lest two (2) high power speakers Handheld stimulator with at least three programmable buttons At least 4 and maximum of 12 channel amplifier and at least 3 meter cable Programmable electrical stimulator w/ remote control Electrode continuity check</p> <p>Features: Electromyography (EMG) PROTOCOLS: - free run, raster, capture up to 10 minute buffer playback with audio; Live buffer playback and unlimited buffer storage; Programmable muscle scoring EMG snapshots - MUP tool - Single Motor Unit Analysis - Multi-motor Unit analysis - Interference pattern analysis - EMG-guided injection protocol</p> <p>Nerve Conduction Velocity (NCV): (Motor, Sensory, Mixed, Inching) side to side comparison Evoked Potential analysis (add, subtract, average, grand average and invert) with side to side comparison F-wave and H-reflex with side to side comparison Blink reflex Automatic studies- Heart rate variability (RR Interval); SSR (sympathetic skin response) RNS (repetitive nerve stimulation) 1 or 2 channel acquisition</p> <p>Software: Programmable study list</p>	2,000,000.00	2,000,000.00

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			Tabular data summary view Quick report Microsoft word based report generator Internal calibration signal Programmable muscle scoring Automatic Comparison to normal values and automated sentence generation of NCV, F, H, EMG, and EP findings EMG to video/audio files converter Lifetime software upgrade Accessories: - 1 piece brand new trolley with keyboard tray, drawer, complete with arm for amplifier and bracket for stimulator, amplifier and needle holder - at least 1 piece handheld stimulator with at least 3 programmable buttons - 1 piece USB footswitch - at least 2 of the following: pair of twisted pair disc, flat ground electrode, concave bar, measuring tape - at least 50 pieces of disposable monopolar electrodes & cable - Transformer (at least 800VA, 110-220V; at least 6 inputs) - desktop or laptop PC specification: - (windows 8/ 10 or above) - At least Intel Core i3 software - at least 4GB RAM - at least 500GB HDD or higher - at least 20" Display - 1 piece Mouse - At least 2 USB port - Licensed Operating System, Lifetime OS - Printer (Preferably continuous ink printer with ink refills for each color) - Anti-virus software (with malware, firewall, anti-spam)		
TOTAL APPROVED BUDGET FOR THE CONTRACT					16,000,000.00

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TERMS & CONDITIONS:

1. Delivery and Installation within 60-90 calendar days commencing on the 3rd working day of notification through confirmed fax that the approved purchase order/contract is already available for pick-up
2. At least five (5) years standard warranty and free at least semi- annual preventive maintenance on the system and parts
3. At least five (5) years standard warranty and free at least semi-annual preventive maintenance on transducers
4. Manufacturer should provide a loaner system within 24 hours where available
5. The system must have been evaluated/demonstrated by specific end user heads.
6. Guarantee letter from the manufacturer/local distributor to ensure availability of supplies, parts, and accessories and that these shall not be discontinued in the next five years.
7. The supplier must provide a separate quotation of the maintenance, repair, and replacement of parts after the warranty period.
8. The winning bidder must provide sufficient and timely training for users and maintenance personnel
9. Hard and soft copy of required manuals to be given upon delivery
10. Indicate brand and country of origin of the equipment.
11. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and service.
12. The site visit/demo should be the exact machine model to be offered.
13. A notarized certification from the manufacturer that the bidder is an authorized distributor of the equipment.
14. Certification from the manufacturer and local distributor that in the event of a change of local distributor, preventive maintenance, warranty and services agreed here upon will be honored by the principal manufacturer.
15. Certification that the local distributor and the manufacturer have been in business relationship of providing the said patient monitor for at least five (5) years.
16. Notarized certification accompanied with proof that the principal manufacturer is in the business of supplying the unit/item for more than ten (10) years.
17. Two notarized certificates of good track record at least ten (10) years from government and/or private hospitals within Metro Manila or the Philippines.
18. Must guarantee that diagnostic technician to be able to assess the unit within 24 hours of notification.
19. Automatic provision of a functioning service unit (same model) in case repair of more than 3 days/ pull out of the purchased unit during the warranty period.
20. Free installation and ready to use.
21. The model must have been introduced not earlier than 2005.
22. The brand must have been in the local market for at least ten (10) years.
23. All certificates required in the terms and condition shall be included in envelope I. (Technical Component)
24. It is understood that all taxes and other impositions are included in the bid offer. However, the bidder concerned shall be liable for additional or other taxes and duties which may be imposed by the government during the effectivity of the contract.
25. The Bidder is required to submit single bid for the item. Two or more bids offer is automatically disqualified.
26. Compliance with Republic Act No 9184 and other applicable laws.

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