

BIDS AND AWARDS COMMITTEE
SUPPLEMENTAL BID BULLETIN NO. 016-2018

November 16, 2018

The Philippine Sports Commission, through its Bids and Awards Committee, wishes to inform all prospective bidders participating in the public bidding of the project titled **"Supply and Delivery of Medical Equipment for Modernization of Sports Rehabilitation Unit –Lot 3"** the following clarifications and additions:

1. We made modifications, revisions and changes on the technical specifications for the above-mentioned project to, wit:

Supply and Delivery of Medical Equipment for Modernization of Sports Rehabilitation Unit –Lot 3"

Technical Specifications:

1 Lot Modernization of Sports Rehabilitation Unit consisting of:

A. 2 units Targeted Radiofrequency Therapy

Technical Specification:

- Maximum power: 320W
- Display: 8.4" colour touch screen
- Quick protocols: Yes
- Body parts Navigation: Yes
- Preset protocols: 31
- User therapeutic protocols: yes
- Patient database: Yes
- Operating frequency: 480-520kHz
- Operating Mode: continuous / pulsed
- Outputs: for capacitive / resistive / neutral electrode
- Capacitive electrodes: 4 sizes (20, 30, 50, 70 mm)
- Resistive electrodes: 4 sizes (20, 30, 50, 70 mm)
- Neutral electrodes: metallic (160 x 240 mm)
- Dimensions: 320 x 190 x 280 mm
- Weight: 5 kg.
- Mains supply: 100-240V, 50-60 Hz
- Optional Accessories: Trolley, Rf Cream 1000ml, adhesive
- Neutral electrode (25 pcs.)
- Technical Parameters:
 - Total Output: 12W in continuous mode
 - Operating wavelength: 1064nm
 - Mode of operation: continuous, pulsed, single pulse
 - Number of protocols: 61
 - Safety features: emergency off switch, operation by footswitch, safety interlock
 - Dimensions: 320 x 190 x 280 mm

- Mains supply: 230 V/50-60 Hz, 115 V/50-60 Hz
- Laser class: IV
- Equipment protection class: IIB

B. 2 units Therapeutic Laser

High Intensity Laser

C. 1 unit Inductive Therapy System

Super Inductive Therapy System 12WTS

D. 2 units C-Arm System Portable

High Frequency Mobile c-arm System (3.5 KW, 100mA)

Uses:

Orthopedics: restore bone translocation, reset, fixing

Surgery: taking foreign bodies out of the body, implantable pacemakers, interventional treatment, some of angiography and local photography etc.

Features

1. With a compact appearance, and easy to operate
2. Counter-balanced design, conform to ergonomic
3. 1 million pixel CCD Camera to ensure the high quality image
4. Unique base electric auxiliary support arm design, it's more security for using.
5. A unique hand-held controller design, convenient to operate
6. With a high-quality knockdown X-ray generator to reduce radiation
7. With the perspective KV, MA automatically track fluoroscopy to make the image brightness and clearness optimum
8. Image intensifier, the quality is stable and reliable a good image clarity
9. With standard work station, DICOM 3.0, UPS, printer, two monitor
10. Installation of fense grain grids, to further enhance image sharpness

Basic Configuration

1. New (with power-assisted rack support arm) C-arm Host 1 set
2. Combined high frequency high-voltage X-ray generator and high0frequency inverter power supply 1 set
3. 9 inch image intensifier 1 set
4. 1 million pixel camera 1 pc
5. dense grain grids 1 set
6. Electric adjustable collimator 1 set
7. High-definition monitor 2 pc
8. Unique Hand-held controller 1 set
9. Digital workstation 1 set
10. Printer to print the report 1 set

PLX112 High frequency Mobile Surgical X ray System Performance and Parameter

		POINT CARE SPECIFICATIONS
		112High Frequency Mobile C-arm System (3.5 KW,100mA)
Category	Project	Content
Fluoroscopic Capacity	Photography Max rated capacity	3.5KW
	Fluoroscopic ax rated capacity	Tube Current 4mA, Tube Voltage 110kV
	Automatic Fluoroscopy	Tube Voltage:40kV~110kV adjust automatically Tube Current : 0.3mA~4mA adjust automatically
	Manual Fluoroscopy	Tube Voltage:40kV~110kV Continuous Tube Current : 0.3mA~4mA Continuous
	Pulse Fluoroscopy	Tube Voltage:40kV~110kV Continuous Tube Current : 0.3mA ~8mA Continuous
	Photography Tube Voltage and mA	40 kV~110 kV 40 ~125mAs
X-ray Tube	X-ray Tube Special for High Frequency	Fixed anode Dual-focus, small focus: 0.3 , Inverter Frequency: 40KHz
Video System	Image Intensifier	Image Intensifier made by TOSHIBA (9")
	CCD Video camera	1 Mega Ultra low-light CCD camera imported from Japan (1 million pixels)
	Monitor	2 sets 19" LCD monitor
	Digital work station	Record, storage, check, worklist function; Collection, preparing video, reset, horizontal mirror, vertical mirror, adjusting windows, magnifying glass, negative image. open Silhouette, edge enhancement, recursive noise reduction. Four windows, nine windows, sharpening, horizontal mirror, vertical mirror, text annotation, length measurement;

		POINT CARE SPECIFICATIONS
		112High Frequency Mobile C-arm System (3.5 KW,100mA)
Category	Project	Content
		Reports, previews, expert template; DIOCM function DICOM browser, Internet Service.
Structural performance	Directive wheel	$\pm 90^\circ$ revolution, can freely change the moving direction of the unit.
	Ascending & Descend	≥ 400 mm
	C-arm	Forward and Backward Movement: 200mm Revolution around Horizontal Axis: $\pm 180^\circ$ Revolution around Vertical Axis : $\pm 15^\circ$ Focus screen distance:960mm C-arm opening: 760mm C-arm arc depth: 640mm Slip on orbit: $120^\circ(+90^\circ \sim -30^\circ)$
Plate Holder Size		No specific plate size

Must have Lead Gowns 2 units

E. 1 unit C-Arm System Table / OR Table (C-Arm Compatible)

Description

- Top Dimension : L 2032 x W 550mm
- Height Adjustment : 787mm- 1037mm
- Table Top Sliding : 250mm(optional)
- Trendelenburg / Reverse : $30^\circ / 25^\circ$
- Lateral Tilt : $20^\circ / 20^\circ$
- Kidney Elevator : 150mm
- Back Rest (up / down) : $80^\circ / 25^\circ$
- Leg Rest (up / down) : $15^\circ / 90^\circ$
- Head Rest (up / down) : $20^\circ / 60^\circ$
- Power Supply : 24V DC

- Battery Backup (Optional at extra price) : 2 - 3 hours
- System: Fully Electromatic
 - Standard Accessories
 - Anesthetic screen - 1 pc
 - Shoulder supports – 2 pcs
 - Lateral Supports – 2 pcs
 - Arm Rest (S.S. top) – 1 pc
 - Knee crutches: 2 pcs
 - Hand Switch : 1 pc
 - Power Cord: 1 pc
 - Drain Tray: 1 pc .

F. 2 units Shockwave

- Display === 5.7" colour touch screen
- Max. Pressure === up to 5 bars
- Frequency === 1-20 Hz
- Preset programs === 27
- Dimensions === 320 x 190 x 280mm
- Weight (Main unit, without accessories) === 7 kg
- Main Supply === 230 V / 50-60 Hz, 115 V / 50-60 Hz

Standard Accessories:

Transmitters: 9 & 5 22 multi focused and 15 mm focused, gel 300 ml

Additional Specs:

Compressor Technology

G. 4 units Ultrasound Portable with console

- System dimensions
- Length 319.6 mm/12.58 in
- Width 223.2 mm/8.79 in
- Height 31.8 mm/1.25 in (without kickstand)
- 52.6 mm/2.07 in (with kickstand without four dock locator pins)
- 62.3 mm/2.45 in (with kickstand and four dock locator pins)
- Weight 2.46 kg/5.42 lb (with kickstand and four dock locator pins)
- Display 294.64 mm/11.6 in high-resolution display with wide viewing angle

Physical features

- High-resolution display with wide viewing angle (AHVA)
- High-resolution display with wide viewing angle (AHVA)
- Glove-compatible capacitive touch screen
- Ergonomic integrated carrying handle
- Mobility cart
- Weight 27.7 kg/61 lb
- Width 486 mm/19.13 in
- Depth including handle (from pedals)

- 566 mm/22.31 in
- Height from ground to top of the cart
- Adjustable from 1186 mm/46.69 in to 1486 mm/58.50 in
- Height from ground to the top of the table
- Adjustable from 788 mm/31.02 in to 1088 mm/42.83 in
- Casters Four caster wheels; front two caster wheels provide total locking (directional and rotational)
- engaged by the foot pedals

Quick-release latch

- Simple latch system to secure the system on cart
- Easy to mount and unmount the system from cart
- System's integrated handle accessible from front for secure maneuverability

Storage

- One rear-mounted holder for adapter
- One front-mounted holder for printer
- Two integrated transducer connector holders
- Cable management hooks
- Transducer holders accommodate three transducers and one holder for gel bottle
- Thermal printer Sony UP-X898MD

Power requirements

- Adapter AC input: 100-240 VAC, 50/60 Hz, 1.7 A (max)
- Adapter DC output: 19 V, 3.4 A

Power management

- Fully charged new battery yields approximately 1.5-hour battery life under continuous use without AC; actual time varies with age and condition of battery
- Power-off battery charging time from empty to full within three hours
- Battery/AC monitoring circuitry includes on-screen graphics and low battery warning; there is also a power LED indicator for power-off charging.
- Suspend mode for instantaneous boot-up between exams Service
- System management for software update and maintenance of configuration
- Diagnostic tool for troubleshooting hardware function
- Extended warranty options

Environmental

- Operation range: 10-40° C/50-104° F operating in 20-85% relative humidity

Electrical safety standards

- Medical Electrical Equipment, Part 1: General Requirements for Safety [IEC 60601-1:2006; national deviations shall be considered and incorporated as they become available]
- Medical Electrical Equipment, Part 1: 2. Collateral Standard: Electromagnetic Compatibility - Requirements and Test [IEC 60601-1-2:3rd Edition]
- Medical Electrical Equipment – Particular Requirements for Safety: Ultrasonic

Medical Diagnostic and Monitoring
• IEC 60601-1, Edition 3.1 2012-08

Safety requirements

- Electrical equipment
 - EN 60601-1, European Norm, Safety of Medical
 - EN 60601-1-2 European Norm, Collateral
- Standard: Electromagnetic compatibility
 - EN 60601-2-37 European Norm, Particular requirements for the safety of ultrasonic medical
- diagnostic and monitoring equipment
 - SGS North America Certification Mark
- Agency approvals
 - CE Mark in accordance with the European Medical Device

H. 4 units Ultrasound (Hands free Ultrasound)
Ultrasound Therapy with Handsfree Multi Frequency Ultrasound Probe

- Smart & Premium Ultrasound
- Unique HandsFree Sono 4 applicator with Rotary Field Technology
- Ergonomic applicators with visual patient contact indicator
- Heated ultrasound heads (mix probe sizes 2 large and 2 small)
- Display === 7" colour touch screen
- Number of independent channels === 1
- Duty factor === 5-95%
- Max. intensity in continuous mode === 2 W/cm²
- Max. intensity in pulsed mode === 3 W/cm²
- Dimensions === 380 x 190 x 260 mm
- Weight === Max. 3 kg
- Mains supply === 100-240 V, 50-60 Hz
- Standard Accessories === Ultrasound Head 5 cm², gel 300 ml, adapter

Delivery Schedule: Delivery and supply with-in 60 days upon issuance of Notice to Proceed

Please be informed and be guided accordingly.

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