



National Center for Mental Health

LIST OF ITEMS

PUBLIC BIDDING FOR THE SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF BRAND-NEW REPETITIVE MAGNETIC TRANSCRANIAL STIMULATOR WITH TWO CHANNEL EMG FOR AUTOMATIC MOTOR THRESHOLD DETERMINATION FOR THE USE OF AGED AND WELLNESS UNIT CY 2024

| ITEM CODE | ITEM DESCRIPTION | QTY | UOM | UNIT PRICE | TOTAL PRICE |
|-----------|---|-----|------|-----------------|-----------------|
| DS01-2024 | <p>Supply, Delivery, Installation, Testing and Commissioning of a Brand-New Repetitive Transcranial Magnetic Stimulator with 2 Channel EMG for Automatic Motor Threshold Determination for the use of Aged and Wellness Unit CY 2024</p> <p>SPECIFICATIONS:</p> <p>A. Main Unit (Stimulation Unit) -With multifunctional display that shows MT percentage, Protocols used, Duration, State of the coil, and the unit itself. -With Trigger Button -With stimulation parameters knob</p> <p>B. Active Coil Component Cooling Unit - Liquid Cooling Technology</p> <p>C. Extra Power Supply</p> <p>D. Cooled Coils - With Positioning grid for precise coil placement - Buttons to increase/ decrease stimulus intensity - With coil temperature indicator both in the software (presented in the status bar and exact value) and actual coil (LED indicator) - One coil for MT determination and stimulation - Capable of more than 20 different clinical indications: Depression, OCD, Stroke, Neuropathic Pain, Non-Neuropathic Pain, Fibromyalgia, Visceral Pain, Parkinson's Disease, Schizophrenia, Epilepsy, Dementia, Alzheimer's</p> | 1 | unit | ₱ 12,000,000.00 | ₱ 12,000,000.00 |

"There is no Health without Mental Health"

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| | <p>Disease, PTSD, Addictive Disorders, Bulimia, Dystonia, Blepharospasm, Essential Tremors, Tourette's Syndrome, Tinnitus, Autism Spectrum</p> | | | | |
| | <p>Disorder, ADHD, and Peripheral Muscle Stimulation. Connection to PC: USB Interface Work parts: BF type (Body Floating Type) Stimulation mode: · single pulse · train · burst · ramp · sweep frequency Maximum frequency: 100 Hz Degree of protection provided by enclosures: a. stimulator units - IP20 Cooling agent pressure limit in coil while operating: ≤ 0.35 MPa (Megapascal) Type of cooling agent: Silicone oil Coil surface temperature enabling automatic stimulation stop at $(39 \pm 2)^\circ\text{C}$ Intensity in % of MT 0 – 150% without extra power unit: At least 5 Hz² with extra power supply unit: At least 20 Hz² Number of pulses: At least 10,000 per session Temperature: +5 till +40°C Humidity: from 30 to 85% Non-condensing Atmospheric pressure: 70-106 kPa (Kilopascal) - A portable and compact 2-channel EMG with integrated software dedicated to the TMS machine for the determination of the Motor Threshold of the patient. ● Dimension & Weight: At least 92x167x46 mm & not more than 0.35kg ● Help window for different types of tests ● With a screen display that shows the Amplitude, Duration, and Frequency of the traces. ● Automatic arrangement of markers ● With a built-in report generator 1. With the capability of pc software for patient database and controls of stimulation</p> | | | | |

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| | <p>2. With predefined protocols and the corresponding clinical studies as a reference to the protocols</p> <p>3. With rapid stimulation protocols up to 100 Hz frequency as well as theta-burst stimulation</p> | | | | |
| | <p>4. With the trigger in/out connector</p> <p>5. With treatment history and stimulation sessions on the software</p> <p>6. With patient database</p> <p>7. With the unlimited installation of software updates</p> <p>8. With active coil component, liquid cooling technology to avoid overheating</p> <p>9. With semi-automatic MT determination</p> <p>Computer Requirements: Processor: At least Intel Core i5 10th Gen Operating System: Windows 10 or higher RAM 8GB HDD 1 TB Display: At least 21.5" Display Screen</p> <p>Inclusions: 100 pcs. Patient cap (50pcs medium and 50 pcs large) 1 unit Coil Positioning Tool ● 2-units Standard coil: Number of pulses: - Figure-of-eight coil- up to 10,000 pulses - Double Cone Coil ● 1-unit Electric Reclining Chair -With backrest and foot adjustments -With remote and built-in control -With head support 1-unit Flexible arm 1 unit Trolley 1 unit UPS (1KVA) and 1 unit AVR</p> <p>STANDARD REQUIREMENTS:</p> <ol style="list-style-type: none"> 1) The bidder must provide the current and valid certificate of Authorized of Exclusive or Distributorship 2) The bidder must provide the current and valid certificate of Manufacturer's compliance with ISO 13485 3) The bidder/supplier shall secure a certificate from manufacturer | | | | |

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| | <p>stating that the equipment is brand new and unused.</p> <p>4) Bidder's certificate guaranteeing the availability on the supply of</p> | | | | |
| | <p>spare parts five (5) years from end of production. A certificate must be issued by the manufacturer for the bidder.</p> <p>5) Certification that the bidder must be in the business in the local market for a minimum of five (5) years.</p> <p>6) Certification that the system or machine is not a retrofit solution.</p> <p>7) The winning bidder shall provide current and valid calibration certificate for each equipment during delivery.</p> <p>8) Certification that the supplier has the capability or authority for corrective and preventive maintenance of the unit. The certificate must be affected by the manufacturer to the bidder.</p> <p>9) Certification from the manufacturer authenticated by the Philippine consulate from the country of origin of the unit that the warranty should not be affected with a change of distributor.</p> <p>10) Warranty certification; Certification that the bidder/supplier shall provide a five (5) years warranty for parts and services that include corrective maintenance, preventive maintenance, and/or calibration. The warranty shall commence upon the acceptance of the end user.</p> <p>11) Bidder must provide preventive maintenance and/or calibration schedule within warranty period.</p> <p>12) Certification that the supplier/bidder shall provide applications training and certification for end users and maintenance personnel of the hospital.</p> <p>13) Certification to provide Manuals: Two (2) sets of Service Manual in</p> | | | | |

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| | English Language and Two (2) sets of User Manual in English Language upon delivery of the equipment. | | | | |
| | <i>NOTE: In the event of equipment transfer to another area, the winning bidder shall provide services for the re-installation.</i> | | | | |
| | | GRAND TOTAL: | | | ₱ 12,000,000.00 |

Submitted by:


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Recommending Approval:


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-SGD-

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