



REPUBLIC OF THE PHILIPPINES
 Department of Health
NATIONAL CENTER FOR MENTAL HEALTH
 Nueve de Febrero Street, Mandaluyong City, Philippines
BIDS AND AWARDS COMMITTEE



Telephone No. 531-9001 loc. 239 Telefax No. 5318318

E-mail: baacnmh@yahoo.com

Website: www.ncmh.gov.ph

SECTION VII

Technical Specifications

PUBLIC BIDDING FOR THE SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF BRAND-NEW ELECTROMYOGRAPHY(EMG) FOR MOTOR THRESHOLD DETERMINATION FOR PAVILION 2 – TMS OFFICE CY 2024
 IB No. E-011-2024-PB

INSTRUCTION: Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a) (ii) and/or GCC Clause 2.1(a)(ii).

Item	Specification	Statement of Compliance	Supporting Documents for the Statement of Compliance (if applicable)
1	<p>Supply, Delivery, Installation, Testing and Commissioning of a Brand-New Electromyography(EMG) for Motor Threshold Determination for Pavilion 2 – TMS Office CY 2024</p> <p>SPECIFICATIONS:</p> <ol style="list-style-type: none"> At least a 2-channel EMG that is portable, compact, and user-friendly. With integrated software dedicated to the TMS machine for the determination of the Motor Threshold of the patient. With at least 2 touch-proof or DIN connectors. With free lifetime software updates and installation for at least Windows 10 and above based computer. With an impedance checking button in the amplifier. 		
6.	With functional buttons for trace markers and		

	adjustments.		
	7. Capable of deleting traces through the amplifier.		
	8. With Automatic Motor Threshold Determination.		
	9. With easy access to all main actions (to adjust stimulus, start stimulus, add data analysis, etc.)		
	10. With USB interface.		
	11. Weight: 0.35 – 0.40 kg		
	12. With LCD screen display showing the Amplitude, Duration, and Frequency of the traces in the amplifier.		
	13. With automatic arrangement of markers.		
	14. With built-in report generator.		
	15. Unit can display Automatic Motor Threshold Percentage in the software of the existing TMS machine.		
	16. With connector for computer attachment via USB.		
	17. Input voltage: 20 □ V to 150 □ V.		
	18. Input capacitance (common mode): <30 pF.		
	19. Input impedance is not less than 1GΩ.		
	20. High pass filter: 0.01; 0.02; 0.05; 0.1; 0.2; 0.3; 0.5; 1; 2; 3; 5; 10; 20; 30; 50; 100; 200; 300; 500 Hz; 1; 2; 3; 5 kHz		
	21. Low pass filter: 10; 15; 20; 30; 35; 50; 75; 100; 150; 200; 300; 500 Hz; 1; 2; 3; 5; 10 kHz		
	22. Sweep speed: 0.1; 0.15; 0.2; 0.25; 0.4; 0.5; 0.75; 1; 1.5; 2; 2.5; 4; 5; 7.5; 10; 15; 20; 25; 40; 50; 75; 100; 150; 200; 400 ms; 0.5; 0.75; 1; 1.5; 2; 2.5; 4; 5; 7.5; 1; 15; 20s		
	23. Must be compatible and interoperable with the existing Neuro MS/D TMS System at Pavilion 2 – TMS Office. SN: 0506RC1053SC and the existing modules present in the said TMS should function once the EMG is installed; in the event that the EMG won't work with the existing TMS the bidder will be disqualified.		
	EQUIPMENT SENSITIVITY:		
	- 0.01 – 750 □ V; 1 – 100 mV		
	ENVIRONMENTAL CONDITIONS:		
	Operation:		

	+10 – +35 °C, 30 – 85% non-condensing, 70 – 106 kPA		
	TRANSPORTATION: +10 – +35 °C, 30 – 85% non-condensing, 70 – 106 kPA		
	STORAGE: +10 – +35 °C, 30 – 85% non-condensing, 70 – 106 kPA		
	SYSTEM INCLUSIONS:		
	- 1 main unit		
	- 2 pieces ground electrodes		
	- 2 to 6 pieces alligator clip electrodes		
	- 2 pieces cup electrodes		
	- At least 150 pieces disposable electrodes		
	- 1 piece Patient Event Button		
	- EMG Holder/flexible arm		
	- With UPS at least 1 kVA		
	CONFORME:		
	(Company Name)		
	(Name and Signature of Authorized Representative)		