



Notice Inviting e-Tender
West Bengal Medical Services Corporation Limited
Swasthya Sathi
GN-29, Salt Lake, Sector-V
Kolkata-700091

Phone No (033) 40340307/320

E mail: procurement@wbmsc.gov.in

Supply and Commissioning of 01 (one) unit of Repetitive Transcranial Magnetic Stimulation (rTMS) Machine for the department of Psychiatry, Burdwan Medical College & Hospital

(Submission of Bid through *online*)

(2nd call of WBMSCL/NIT-361/2025, Dated-05.05.2025)

Bid Reference No.: WBMSCL/NIT-570/2025	Dated-01.07.2025
--	------------------

Amendment-I

Revised Technical Specification
repetitive Trans-cranial Magnetic Stimulator (rTMS)

Stimulation Frequency: 100 Hz

Coil Types: Figure-of-eight coils with liquid cooling facility must be available with the system. The cooling time strictly should not exceed more than 30 (Thirty) minutes after use. The bidder should demonstrate the cooling ability of the machine before the expert (s).

Cooling System: Advanced cooling to prevent overheating during sessions

Magnetic Field Intensity: Up to 120% of the motor threshold

Pulse Width: 280 microseconds

Maximum Initial dB/dt: 25-38 kT/s near the coil surface

Waveform: Biphasic sinusoid

Session Duration: Approximately 19 minutes per session

Treatment Schedule: 5 daily sessions per week for 6 weeks

Area of Brain Stimulated: Frontal cortex

Dimensions: The model should typically includes a main unit, cooling unit (internal/external), and coil holder.

Software: Flexible software installed on a latest laptop i5, 8GB, 500GB SSD with Windows 10/11 for managing treatment sessions and customizing protocols

The bidder should submit valid CDSCO Certificate/Registration/License for both the manufacturer(s) and importer(s) as applicable.