



अखिल भारतीय आयुर्विज्ञान संस्थान, नागपुर

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NAGPUR

Address: Plot No. 2, Sector-20, MIHAN, Nagpur- 441124

E-mail: procurement@aiimsnagpur.edu.in

File No. AIIMS-NAG/PROC/Cent-Store/26-27/36/NIQ/13

Dt 24/07/2026

NOTICE INVITING QUOTATIONS

The Executive Director, All India Institute of Medical Sciences, Nagpur invites quotations from the reputed Procurement of Contactless Movement and velocity Biofeedback sensors for PMR Department at AIIMS, Nagpur details are given below:

Sr. No.	Item Description	QTY.	Unit Cost (Excluding GST)	Total Cost (Excluding GST)	GST %	Total Cost with GST
1	Contactless Movement and Velocity Biofeedback Sensors. Accessories included (one Android Tablet)	02 Nos				
Total -----						

Note:

- The technical specification of the item is attached as Annexure-I.
- A compiled statement of technical specification against the item needs to be submitted along with quotation.

TERMS OF CONDITIONS:

- All quotations to be submitted in the name of **Executive Director, AIIMS Nagpur** only. Quotations not addressed to Executive Director, AIIMS, Nagpur will not be opened and rejected summarily.
- L1 will be decided based on the cost of equipment only.
- Price of Consumables should be quoted separately.
- Copy of NIQ duly signed and stamped by the vendor to be submitted along with quotation by accepting all the terms and conditions of NIQ.**
- HSN Code of the product needs to be mentioned.
- Rates of articles should be quoted per unit item without including GST.
- Taxes livable should be quoted separately.
- Delivery Period: - Within 30 days from the date of supply order.
- Delivery should be FOR O/o Central Store, AIIMS, Nagpur.
- A declaration by vendor is required to be submitted along with quotation station that vendor is not debarred by Department of Commerce or Ministry/ Department concerned. The date of declaration should not be before the date of NIQ and after the last date of submitted of quotation.**
- Liquidated Damages charges:** - In the event of the Seller's failure supply, Liquidated Damages charges will be deducted to the sum of 0.5% of the contract price of the delayed/undelivered, stores/services mentioned above for every week of delay or part them of a week, subject to the maximum value of the Liquidated Damages being not higher that 10% of the value of delayed stores.
- Payment will be released on inspection of supplied material found satisfactory by the concerned department as regard to quality, quantity etc. Broken articles will have to be replaced before payment.
- Bank details such as Account Number, IFSC Code etc. should be furnished so as to facilitate payment on line, if any.
- Interested parties should submit their quotations in **sealed envelope in store office, super scribing "QUOTATION FOR SUPPLY OF 'CONTACTLESS MOVEMENT AND VELOCITY BIOFEEDBACK SENSORS FOR PMR DEPARTMENT at AIIMS, NAGPUR WITH NUMBER OF NIQ" on or before 30/07/2026 before 17.00 hrs which will be opened on 31/07/2026 at 11.00 hrs.**
- Rights to accept/reject any quotation rests with the AIIMS Nagpur.

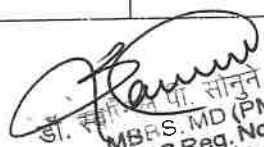


विपिन कुमार/Vipin Kumar
अ.भा.आ.स. नागपुर/AIIMS, Nagpur
Administrative Officer (P & MM)
AIIMS, Nagpur

23.07.2026

Technical Specifications for Contactless Movement and Velocity Biofeedback Sensors

Sr. No.	Parameter	Specification
1.	System Type	Smart Contactless Rehabilitation Assessment and Training System
2.	Technology	Time-of-Flight (ToF) or equivalent contactless spatial sensing technology
3.	Patient Interface	Completely contactless operation without wearables, markers, electrodes, body-mounted sensors, or physical patient attachments
4.	Movement Tracking	Real-time movement detection, monitoring, and analysis
5.	Sampling Rate	Minimum 125 Hz continuous data acquisition
6.	Measured Parameters	Distance, movement completion, velocity, acceleration, reaction time, hold time, and range of motion
7.	Patient Positions	Standing, sitting, supine, and prone
8.	Rehabilitation Applications	Neurological, Orthopedic, Musculoskeletal, Sports Injury, Pediatric, and Geriatric Rehabilitation
9.	Exercise Delivery	Interactive rehabilitation exercises with real-time feedback
10.	Cognitive-Motor Training	Integrated reaction time and cognitive-motor assessment and training protocols
11.	Functional Assessment	Automated functional movement assessment and outcome measurement
12.	Protocol Management	Preloaded rehabilitation protocols with facility for therapist-configurable protocols
13.	Feedback System	Real-time visual and/or audio feedback during therapy sessions
14.	Number of contactless Sensors	Includes Six Individual Spots in Packet of One Set
15.	Accessories Include	One Android Tablet for Operation and Data Storage
16.	Software Platform	Dedicated rehabilitation software platform integrated with sensing hardware
17.	Patient Management	Patient registration, assessment, treatment planning, session monitoring, and progress tracking


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18.	Analytics	Automated performance analytics and outcome evaluation
19.	Reporting	Automated report generation and patient progress documentation
20.	Connectivity	Bluetooth connectivity for communication with software platform, data transfer, and device integration
21.	Data Storage	Local and/or cloud-based patient data storage
22.	User Access	Multi-user clinician access capability
23.	Portability	Portable system suitable for physiotherapy departments, rehabilitation centers, sports medicine facilities, sports training centers, and bedside use
24.	Installation & Training	Complete installation, commissioning, and onsite user training by OEM/authorized representative
25.	Standard Supply	Contactless sensing unit, rehabilitation software license, therapist dashboard, reporting module, power adapter, cables, user manuals, and training material
26.	Warranty	Minimum 3 years comprehensive onsite warranty covering hardware, software, labor, travel, and updates
27.	CMC	Comprehensive Maintenance Contract (CMC) for 2 years after expiry of warranty at a rate not exceeding 5% of equipment value per annum, including spare parts, labor, preventive maintenance, corrective maintenance, software updates, and application support


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