



# All India Institute of Medical Sciences Jodhpur

Admn/Prop/58/2021-AIIMS.JDH

Dated: 14<sup>th</sup> September 2021

**Subject:** Purchase of Image Guided Navigation System for the department of ENT at AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Image Guided Navigation System for the department of ENT at AIIMS, Jodhpur from M/s India Medtronic Pvt. Ltd, 1241, Solitaire Corporation Park, Building No. 12, 4<sup>th</sup> Floor, Andheri-Ghatkoopar Link Road, Mumbai on proprietary basis. The proposal submitted by M/s India Medtronic Pvt. Ltd, Mumbai and PAC certification by user are attached.

The above document are being uploaded for open information to submit objection, comments, if any from any manufacturer regarding proprietary nature of the equipment within 21days of issue giving reference Admn/Prop/58/2021-AIIMS.JDH. The comments should be received by office of Deputy Director (Admin), Medical College at AIIMS, Jodhpur on or before 04<sup>th</sup> October 2021 upto 03:00 PM failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

**Yours faithfully,**

**Deputy Director (Admin)**

**Enclosed: Related documents enclosed.**



# All India Institute of Medical Sciences Jodhpur

**India Medtronic Pvt. Ltd.**  
CIN: U33110MH1993PTC204814  
1261, Solitaire Corporate Park  
Bldg. No. 12 6th Floor  
Andheri - Ghatkopar Link Road  
Andheri (East), Mumbai - 400093, India  
[www.medtronic.co.in](http://www.medtronic.co.in)  
tel +91-22 48810700/701  
fax +91-22 48810704

**Medtronic**

To,

Date: 25/08/2021

The Administrative Officer,  
All India Institute of Medical Sciences,  
Jodhpur, Rajasthan.

**Subject: Proprietary Article Certificate**

This is to certify that Medtronic Stealth Station ENT is the proprietary item of Medtronic Plc . The below mentioned points are unique and proprietary features of Medtronic Stealth Station ENT Navigation system .

# The Stealth Station ENT has an option of both Flat Emitter and Side Emitter to support the workflow of the surgeries. It will help surgeon to operate complex ENT surgeries like Skull base with ease.

# The Stealth Station has an option of working with Factory Calibrated Navigable malleable suction that allows surgeon to operate in complex anatomies .

# The Stealth Station has an option to navigate navigable debrider blades compatible with existing Integrated Power console ( IPC ) and M5 Microdebrider at ENT department of the AIIMS Hospital , Jodhpur .

# The Stealth Station ENT has an option of virtual endoscopic view that allows surgeons to view 3D models.

# The Stealth Station ENT has an option to navigate navigable balloon catheters during balloon sinuplasty procedures .

Thanking you

For India Medtronic Pvt Ltd

  
Digitally signed by  
Huma Shaikh  
Date: 2021.08.26  
10:19:41 +05'30'

Huma Shaikh

Country Sales Manager | ENT



  
डॉ. सौरभ वार्ष्णेय / Dr. Saurabh Varshney  
कार्यकारी निदेशक / Executive Director  
अखिल भारतीय आयुर्विज्ञान संस्थान, देवघर  
All India Institute of Medical Sciences, Deoghar

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## Technical Specifications for Image guided Navigation System

### 1. System Specifications

- The system should be easy to set up, user friendly, Intuitive and should work under Windows/Linux/Unix operating system environment.
- The system should be a portable system so can be easily moved in the OT environment and with all peripheral accessory connections embedded in the cart.
- The system should have touch sensitive screen so could be used from sterile field. However system should also be provided with Keyboard and mouse apart from touchscreen monitor.
- The display should be of full HD resolution with monitor size not lesser than 27".
- The system should have Rapid data transfer directly to the navigation station with the option of USB 3.0 port for direct data import and also have direct and seamless integration with the hospitals PACS system
- The system should have facility to load patient data into the system through CD or DVD, USB and PACS.
- The system should have Wireless as well as wired options available for connecting to hospital PACS system.
- The wireless options should be provided with inbuilt security features such as firewall and antivirus.
- The system should have password protection so that only authorised user can access the system software.
- The system must work on electromagnetic technology and it must have electromagnetic based dynamic referencing so that registration is not lost even if the patient moves.
- The system should not have any line of sight issue.
- The system should have UPS with backup in case of power supply failure.

### 2. ENT Navigation Software Specifications

- The ENT navigation software should be user friendly, easy to use and should have capability to alter workflow as per surgeon preference.
- The software should allow creating multiple surgeon profile and set procedures and settings as per the surgeon requirement.
- The software should allow DICOM images in Axial, Sagittal or Coronal planes and should be reconstructed as 3D images and advanced planning can be done on any plane which should be adapted to all planes automatically
- The software should have Image merge option in order to merge CT and MRI images and use them during navigation as per surgeon's choice.
- The software should have advanced 3D model building functions which are user friendly. It should have automatic tumour building function using seed points.
- The software should have option to feature to view cut planes which allows sectional view of 3D models.
- The software should have option to use Tracer based registration and touch based using fiducials or anatomic landmark based registration and if required combination of trace and touch registration.
- The software should auto detect the fiducials and guide towards touch based registration by default.
- The software should display the area of accuracy with the help of sphere and it should show which area is not covered during registration in order for the surgeon to modify registration if required.
- The software should be capable of storing previous registrations for that patient.
- The software should have facility to store screenshots taken during procedure as well as record the navigation screen for about 30minutes.
- The software should have option to perform Standard FESS, Endoscopic Skull base and Lateral Skull base procedures.
- The software should have option to view endoscopic or microscopic video on the screen.
- The software should be ready to navigate navigable debrider blades.
- The software should have virtual endoscopic view feature to view 3D models.

### 3. ENT Navigation Instruments and accessories

  
Vidhu Phans

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- The system should be provide with flat panel electromagnetic generator which can be positioned under patient head and over the table in order to minimize table metal interference and side mounted electromagnetic generator attached to the table bedrail.
- The system should be providing with the ENT instruments which are navigable under electromagnetic technology.
- The instruments must include but not limit to a straight probe, straight suction, 90 degree curved suction, 70 degree curved suction and Ostium Seeker , Qty of straight probe should be 2.
- The instruments must be autoclavable sterilised for multiple use.
- The system should be provided with 10 malleable suctions for skull base procedures.
- They system should have paediatric friendly reference frame which can just be pasted on the head instead of the head band.
- The system should allow connecting up to 6 instruments at the same time and navigate them as required.
- The system should also have an option to include automated calibrated Blades for Navigation.
- The system should be able to navigate navigable balloon catheters during balloon sinuplasty procedures, Two Balloons each for Frontal and maxillary to be provided.
- The system should be provided with 10 navigable debrider blades.
- Instrument Tracker and Patient tracker to be provided 10 in number.
- All trackers to be provided like Skull mount tracker and Non-invasive, 10 in number, Also Fiducials to be provided.

#### 4. Support Specifications

- Company should provide proper training on the system for surgeons and technicians at the hospital.
- System should be provided with the operating manual.
- Company should provide high quality after sales service.
- Company should provide US FDA/European CE/ISO approval certificate.
- Company should have provided min 5 systems to govt hospitals of India for the model which they are quoting.
- 5 Years warranty and 5 years CMC should be given.
- Prices for all consumables should be separately provided and should be fixed for 5 years from the date of installation.

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