



Date: -08th June, 2017

Corrigendum
For
Tender for
Image Guided Navigation System for the Department
of ENT

NIT Issue Date	: 03 rd April, 2017
NIT No.	: Admn/Tender/44/2017-AIIMS.JDH
Pre-Bid Meeting	: 18 th April, 2017 at 03:45 PM
Earlier Last Date of Submission	: 05 th Jun, 2017 at 03:00 PM
Extended Last Date of Submission	: 21 st June, 2017 at 03:00 PM
Bid opening	: 22 nd June, 2017 at 03:30 P.M

The following revised and additional specification will be added:-

1. Page 11, In Technical Specification, Point No. 1, Sub Para No. 03:

For

The system should have facility of keeping optical camera and viewing system together or separately to allow optimal use of O.T space, the system should have two monitors, one for the surgeon and the other for the OT/Technical staff.

Read

The system should have facility of keeping optical camera and viewing system together or separately to allow optimal use of O.T space, the system should have two monitors or two cart system.

2. Page 11, In Technical Specification, Point No. 1, Sub Para No. 04:

For

The Surgeon Monitor should be high resolution (1920 x 1200, 60 Hz) with a viewable size of 24" widescreen or higher.

Read

The Surgeon Monitor should be high resolution (1920 x 1200, 60 Hz) with a viewable size of 20" or more widescreen.

3. Page 11, In Technical Specification, Point No. 3, Sub Para No. e:

For

The system should include a frameless biopsy system with needles

Read

The system should include a frameless biopsy system with needles (500 disposable needles should be supplied with the system)

4. Page 11, In Technical Specification, Point No. 4:

For

All the instruments, tracker,/ marker should preferably be Autoclavable.

Read

All the instruments, trackers/markers should preferably be Autoclavable. (Desirable Instrument Calibration Matrix. Device for instant intraoperative calibration of length, diameter and vector of a rigid instrument along with adapters of different sizes for different instruments).

5. Page 12, In Technical Specification, Point No. 4, Sub Pont No. d) and e):

For

d) 70 degree curved suction

e) 90 degree curved suction

Read

d) 70 degree curved suction (preferable)

e) 90 degree curved suction (preferable)

6. Page 13, In Technical Specification, After Point No. 4:

Added Para No. 5:

EM Navigation System

1. ENT Navigation Software should support navigated cases for various ENT Cases.
2. Should have surface registration and landmark registration.
3. Software should have a user interface designed for intraoperative touchscreen control.
4. Should offer Real-time tracking and 2D/3D visualization of a pointer and up to 3 instruments simultaneously in various views.
5. Should desirably have a pointer remote control of complete workflow, enabling full control of navigation system out of sterile field.
6. Software should offer freeze functionality and screenshot documentation.
7. Software should also have animated workflow guidance for easy setup and instrument calibration.
8. Should support flexible patient referencing to help with positional independence.
9. Should support free positioning of field generator around patient's head.
10. Software should have ENT optimized screen layouts with automatic overlay of CT and MR scans when fused, with 3D sinus probes eye view or direct comparison of two different scans.
11. Planning tool for trajectories (entry and target point).
12. Software should have Auto-zoom in to tool tip for magnification of target area.
13. System should have Interactive display of patient data including windowing adjustment.
14. Software should provide Point-to-surface distance indication of tracked instruments.
15. Should have wired/wireless electromagnetic standard instrument for unsterile patient registration, which can be used in both anatomical landmark and surface matching registration.
16. Should have wired/wireless electromagnetic sensor for flexible patient referencing.
17. Should have skull reference base which enables flexible patient re-positioning and head movement for free positioning and variable fixation direct to bone structures.
18. Should have disposable/reusable wired/wireless electromagnetic standard instrument for patient registration and navigation suitable for 200 surgeries or more. If disposable, a set of disposable instruments set for 200 or more surgeries should be provided.
19. Should have facility to integrate third party instruments - required adapter size should be for small, medium, large, extra-large, and conical and for cylindrical instruments. Also a set of disposable instruments set for at least 200 surgeries should be provided.
20. The data sheet of disposables, if any, should clearly indicate the number of times it can be used and the manufacturer should provide a written authorization to that effect as well.
21. The price of all the disposables FOR ENTIRE SYSTEM QUOTED should also be quoted separately, apart from combined unit, to be used in future for procurement.
22. The company will provide software/technological upgrades to the entire supplied unit for next five years, free of cost.