Admn/Prop/08/2020-AIIMS.JDH Dated: 23rd May 2020

Subject: Purchase of Intraoperative Ultrasound Machine for the department of Surgical Gastroenterology at AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Intraoperative Ultrasound Machine for the department of Surgical Gastroenterology at AIIMS, Jodhpur from M/s BK Medial, Mileparken 34, DK-2730 Herlev, Denmark on proprietary basis. The proposal submitted by M/s BK Medical, Denmark 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/08/2020-AIIMS.JDH. The comments should be received by office of Administrative Officer, Medical College at AIIMS, Jodhpur on or before 15th June 2020 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,

Administrative Officer

Enclosed: Related documents enclosed.

The Director
All India Institute Of Medical Science
Basni Industrial Area, MIA 2nd Phase, Basni
Jodhpur, Rajasthan 342005

bk medical

Date: November 6th, 2019

Dear Sir,

Proprietary Article Certificate for FF800 Color Doppler Ultrasound System with 8666RF and 8824

BK Medical ApS who is proven and reputable manufacturers of various models High End Ultrasound Systems is pleased to confirm the following:

We are the only company who manufactures

a. **Transducer Model 8666-RF**: A 4-Way flexible Laparoscopic transducer with a 13G puncture channel situated at the top, with transducer tip can be bent in 4 directions enabling easy usage for various intra operative procedures

b. **Transducer Model 8824:** It's a unique Simultaneous Intraoperative Bi-plane transducer providing combination of I & T array imaging and enabling free hand biopsies from any directions.

c. **Vector Flow Imaging (VFI)**: Vector Flow Imaging (VFI) technology that enables visualization of blood flow direction and velocity at any angle and eliminates the need for angle correction

This is to certify and confirm that BK Flex Focus 800 with the above transducer and its accessories are being solely manufactured by Analogic Corporation, Peabody & Denmark and are proprietary items of BK Medical. No company in the world is manufacturing such items as of now.

Kind regards
BK Medical

PP
Dorthe Jensen
Manager, Global Distributor Sales

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The Director
All India Institute Of Medical Science
Basni Industrial Area, MIA 2nd Phase, Basni
Jodhpur, Rajasthan 342005

bk medical

Date: January 16th, 2020

We, BK Medical, who are established and reputable manufactures of Advanced Color Doppler Ultrasound Machines having its facilities and offices at 8, Centennial Drive, Peabody, MA 01960 USA and Mileparken 34, DK-2730 Herlev, Denmark.

We hereby authorize **Healthware Private Limited**, having their registered office at Serene Towers, 4th Floor, 8-2-623/A, Road No. 10, Banjara Hills, Hyderabad -500 034, to bid, negotiate and conclude the contract with you against the above project for the goods manufactured by us.

No company or firm or individual other than Healthware Private Limited are authorized to bid, negotiate and conclude the contract in regard to this business against this specific project.

This certificate is valid up to 21-08-2021.

Kind regards
BK Medical

Dorthe Jensen
Manager, Global Distributor Sales

BK Medical
Mileparken 34
DK-2730 Herlev
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Specifications for Intra-Operative Ultrasound machine with color Doppler

A state of the art ultrasound machine with Doppler facility for intra-operative scanning is required for department of surgical gastroenterology. The system should be capable for both diagnostic and interventional procedures in OT.

1. Should be of latest generation quad beam digital technology.
2. Should have speckle reduction technology for better organ definition.
3. Should be able to perform angular compound imaging to have high resolution images.
4. System should be mobile and compact and should have a 19" flat panel monitor
5. Should have height adjustable control panel
6. Control panel should be sealed for easy cleaning and disinfection
7. Control panel should be illuminated for easy access
8. Key-board should be covered with spill proof material
9. Should have at least two slots for electronic transducers and one for mechanical
10. Transducers should have programmable start and stop buttons
11. Should support high frequency probes up to 20 MHz.
12. System should be compatible to DICOM networks and should be integrable with the hospital PACS system.
13. Should have an internal hard drive to store images and videos with memory 500GB or more.
14. CD writer and USB Flash memory drive should integral part of the system
15. System should have the capability to support transfer of images and videos to a USB flash memory drive
16. ~~Should comply with IEC standards; Having CE certificate (with four digit notified body number) and US FDA Certificate.~~
17. Should have the following modes: B Mode, M Mode, Colour Doppler, Power Doppler, Pulsed Wave Doppler and Tissue harmonic imaging
18. In Doppler mode, system should have technology to detect high flow in ROI and place Doppler gates automatically and should provide angle independent Doppler velocity measurements
19. Should have the following combination modes: B+M, B+C, B+Doppler, B+C+D (Triplex)
20. System should be compatible with laparoscopic transducers and robotic transducers (all models especially Xi version) so that if a centre requires one such transducer, can be ordered as optional

21. The following transducers to be supplied along with the system:
    a) A laparoscopic four way deflectable transducer which can be used through normal laparoscopic ports (10-12 mm) to be supplied. Probe should be compatible with standard sterilization methods like immersion, ETO and Sterrad. Versatile built-in biopsy guide for staging.
    b) 4-10 MHz simultaneous biplane imaging transducer with transverse and sagittal array placements. Both arrays should be able to provide simultaneous biplane imaging during open surgeries for accurate needle placement and biopsies. Should be quoted with autoclavable biopsy attachment.
    c) 6-18 MHz multi frequency linear transducer, compatible with Vector flow imaging for angle independent velocity measurements for vascular, small parts, testes, breast and thyroid etc. should be quoted. Should have facility for taking biopsy.
    d) 5-10 MHz multi frequency intra-operative ultrasound probe with excellent image quality, with high resolution and deep penetration. Capable of contrast imaging, which may be used to improve sensitivity and accuracy. Compatible for interventional procedures – needle guide with lock and an offset cable to approach during biopsy or ablation. I-shaped transducer head.

22. The bidder should have proven performance of supplying, providing after sales service to the Premier Government teaching institutes in India for the quoted model.
23. Accessories:
    i. Ultrasound gel- 50 litres
    ii. Small container with nozzle (250ml) for gel- 10 Nos
    iii. External Hard drive 1 TB (Seagate, Toshiba)- 2 No.

- Demonstration of quoted model is mandatory for technical evaluation and acceptability
- Any other essential hardware/software/items required to make all above things functional should be quoted, otherwise it will be treated that same will be supplied free of cost.
- All products should be having 5-year warranty/guarantee from the date of installation.
- Should provide comprehensive annual maintenance contract for 5 years.