

Ref No: -HITES/PCD/AIIMS-BBSR/Intraoperative USG/2025-26

Date 21-07-2025

Subject – Procurement of Intra Operative Ultrasound Machine at AIIMS Bhubaneswar on PAC Basis.

For and on behalf of AIIMS Bhubaneswar, M/s HITES is going for procurement of Intra Operative Ultrasound Machine. The proposal has submitted by M/s BK Medical Mileparken 34, DK-2730, Herlev, Denmark ("GE HealthCare") through M/s Health ware Pvt. Ltd. to AIIMS Bhubaneswar. PAC submitted by firm is attached & uploaded on website.

The above documents are being uploaded to HITES & AIIMS Bhubaneswar web portal for open Information to submit objections, comments, if any from any manufacturer regarding proprietary nature of the equipment/item within 15 days from the date of issue/uploading of the notification giving Reference: HITES/PCD/AIIMS-BBSR/Intra operative USG/2025-26 date 21-07-2025.

The comments should be sent only to-The CEO, Procurement & Consultancy Division, HLL Infra Tech Services Ltd, B-14 A , Sector 62 Noida -201307 on or before 04-08-2025 by 5:00 pm by both registered post and email, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours Sincerely,

CEO,
HLL Infra Tech Services Limited.
Procurement & Consultancy Division,
HLL Infra Tech Services Ltd,
B-14 A, Sector 62 Noida -201307
Email: - pcmpcd@hllhites.com

Encl:
PAC Certificate along with Technical Specification

Specifications of Intra-operative Ultrasound Machine for Neurosurgery

1. Should have Ultra High-Resolution Imaging and Doppler for Clinical Needs.
2. Should have short boot time.
3. Should have graphic processing unit for faster work process.
4. Should have speckle reduction technology for enhancing tissue margins for better anatomical visualization and to improve better organ anatomy from different angles.
5. Should have optimization of ultrasound image formation by using multi-channel synthesis technology to reduce noise and artefacts.
6. 19" flat panel monitor should have swivel facility.
7. Should have back illuminated keyboard for easy access.
8. Control panel should be sealed and spill proof for easy cleaning and disinfection.
9. Should have height adjustable mechanism with control panel.
10. Should have facility to compensate the motion related imaging artefacts.
11. Should have technology to maintain auto focus for entire imaging depth.
12. System should have auto axial and lateral gain facility.
13. Should have DICOM capabilities.
14. Should have Wifi capabilities.
15. Should have 3D freehand facility.
16. System should have battery backup facility.
17. Should have an internal hard drive to store images.
18. Should be of latest generation digital beam former technology.
19. Imaging Modes: System should have following modes:
 - I. B mode,
 - II. M Mode
 - III. Colour Doppler
 - IV. Power Doppler
 - V. Pulsed Wave Doppler
 - VI. Continuous Wave Doppler
 - VII. Tissue Harmonic Imaging

डॉ. अरुण कुमार सेकर / Dr. Arunkumar Sekar
एमसीएच, डीएनबी / M.Ch. DNB
सहायकी प्रोफेसर / Associate Professor
न्यूरोसर्जरी विभाग / Dept. of Neurosurgery
एमएस, भुवनेश्वर / AIIMS. Bhubaneswar-751019

डॉ. आशीष पट्टनायक / Dr. Ashis Patnaik
प्रोफेसर / Professor
न्यूरोसर्जरी विभाग / Dept. of Neurosurgery
एमएस, भुवनेश्वर / AIIMS. Bhubaneswar-751019

डॉ. रवि नारायण साहू / Dr. Ravi Narayan Sahu
एमएस, एमसीएच, डीएनबी / MS, MCh, DNB
प्रोफेसर एवं विभागाध्यक्ष / Professor & HOD
न्यूरोसर्जरी विभाग / Dept. of Neurosurgery
एमएस, भुवनेश्वर / AIIMS. Bhubaneswar-751019

hmt
23/08/2024
ज. सुमित बंसल / Dr. Sumit Bansal
एमएस, एमसीएच (न्यूरोसर्जरी) एम्स, नई दिल्ली
MS, MCh (Neurosurgery) AIIMS, New Delhi
अतिरिक्त प्रोफेसर / Additional Professor
न्यूरोसर्जरी विभाग / Dept. of Neurosurgery
एमएस, भुवनेश्वर / AIIMS. Bhubaneswar-751019

20. Should have facility to connect at least four transducers.
21. Transducer should have *pinless* connector for easy insertion and to reduce noise.
22. Quoted transducers must have start-stop button/s - unique smart button/s to activate, select, freeze, print and store images with a simple press.
23. Should have wireless sterilizable remote control for surgeon's control from sterile field.
24. All quoted transducers should be fully immersible for easy sterilization and also compatible with standard sterilization methods.
25. System should have Neurosurgery application package/s suitable to the quoted transducer.
26. Suitable printer to be supplied along with the system.
28. The following transducers are to be supplied along with the scanner:
 - I. 5-13MHz multi frequency micro convex transducer with small foot print suitable for scans after craniotomy. Should be compatible with all modern sterilization methods. Should have biopsy attachment facility.
 - II. 5-11 MHz Burr-hole transducer, with small foot print. Should fit in burr-hole to be utilized during ventricular taping/shunt placement and spine studies. Should be compatible with all modern sterilization methods. Should have biopsy attachment facility.
 - III. 6-15 MHz high frequency intraoperative linear array transducer with deflectable tip adjustable to multiple angles (0°, 30°, 60°, 90°). Should be compatible with all modern sterilization methods.
29. The system must be BIS / ISO and European CE and USFDA certified and the certification specific for the product should be submitted.
30. Demonstration and onsite training of staff by the application experts is mandatory.

Dr. Arunkumar Sekar
24/08/24
डॉ. अरुंकुमार सेकर/Dr. Arunkumar Sekar
एमसीएच, डीएनबी / M.Ch. DNB
सहयोगी प्रोफेसर / Associate Professor
न्यूरोसर्जरी विभाग/Dept. of Neurosurgery
एम्स, भुवनेश्वर/AIIMS. Bhubaneswar-751019

Dr. Sumit Bansal
23/08/2024
डॉ. सुमित बंसल/Dr. Sumit Bansal
एमएस, एमसीएच(न्यूरोसर्जरी) एम्स, नई दिल्ली
MS, MCh (Neurosurgery) AIIMS, New Delhi
अतिरिक्त प्रोफेसर/Additional Professor
न्यूरोसर्जरी विभाग/Dept. of Neurosurgery
एम्स, भुवनेश्वर/AIIMS. Bhubaneswar-751019

Dr. Ashis Patnaik
24/08/24
डॉ. अशिश पटनायक /Dr. Ashis Patnaik
प्रोफेसर / Professor
न्यूरोसर्जरी विभाग/Dept. of Neurosurgery
एम्स, भुवनेश्वर/AIIMS. Bhubaneswar-751019

Dr. Rabi N Sahu
24/08/24
डॉ. राबि नारायण साहु/Dr. Rabi N Sahu
एमएस, एमसीएच, डीएनबी/MS, MCh, DNB
प्रोफेसर एवं विभागाध्यक्ष/Professor & HOD
न्यूरोसर्जरी विभाग /Dept. of Neurosurgery
एम्स, भुवनेश्वर/AIIMS. Bhubaneswar-751019

Proprietary Article Certificate

To whomsoever it may concern

Dear Sir,

Proprietary Article Certificate for BK5000 Color Doppler Ultrasound System-
Neurosurgery

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

1. Programmable Start Stop button/s on Bk transducers including Craniotomy transducer- N13C5, Burr hole transducer-N11C5s and Hockey stick transducer- X18L5s
2. X18L5s- Unique small flexible tip adjustable to 0°, 30°, 60°, and 90° for high frequency Hockey stick transducer
3. Wireless sterilisable remote control

are being solely manufactured by BK Medical having main legal manufacturer site at Mileparken 34, DK- 2730 Herlev, Denmark. No company in the world is manufacturing such items as of now.

These items are proprietary of BK Medical.

Yours faithfully,

Lene Bastholm 25-AUG-2023
Lene Bastholm
Director QA



डॉ. अरुण कुमार शर्मा / Dr. Arun Kumar Sharma
एमसीएच. बीएनटी / M.Ch. DNB
सहयोगी प्रोफेसर / Associate Professor
न्यूरोसर्जरी विभाग / Dept. of Neurosurgery
एम्स, भुवनेश्वर / AIIMS Bhubaneswar-751014



WIPRO GE HEALTHCARE PVT. LTD.
No.4, Kadugodi Industrial Area
Bangalore – 560 067, Karnataka, India
T 91 80 4180 1000, F 9180 4180 1290
CIN: U33111KA1990PTC016063

Dated: 04-07-2024

Healthware Private Limited,
4th and 5th floor, Serene towers,
8-2-623/A, Road # 10, Banjara hills,
Hyderabad, Telangana - 500034

Re: Ultrasound, make - BK Medical (PVT+GOVT) Sales Dealership Agreement dated August 31st, 2023, Renewed until 30th August 2026.

TO WHOMSOEVER IT MAY CONCERN

We refer to the captioned **Ultrasound, make - BK Medical (PVT+GOVT) Sales Dealership Agreement dated August 31st, 2023**, between Healthware Private Limited and Wipro GE Healthcare Pvt Ltd. ("WGE")

We M/s. Wipro GE Healthcare Private Limited hereby confirm that representation and operations in India for BK Medical are done & executed by us having our registered office at No. 4 Kadugodi, Industrial Area, Whitefield Karnataka, Bangalore, India 560067.

This is to confirm that Healthware Private Limited, having its registered office at 4th and 5th floor, 8-2-623/A, Serene towers, Road # 10, Banjara hills, Hyderabad, Telangana - 500034 - India, is an authorized **BK Medical Ultrasound (PVT+GOVT) Sales Dealer** with Wipro GE Healthcare Pvt Ltd - agreement valid until **30th August 2026**.

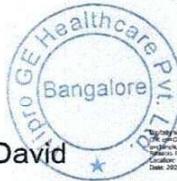
Ultrasound, make - BK Medical PVT+GOVT Territory
ALL STATES IN INDIA

Sincerely,

For Wipro GE Healthcare Pvt. Ltd.

Chinchu David
Lead – Channel Excellence

Chinchu David



Thank you for partnering with us on our mission of being at work for a healthier India Wipro
GE Healthcare Pvt. Ltd. Regd. Off: No.4, Kadugodi Industrial Area, Bangalore 560 067, Karnataka India CIN:
U33111KA1990PTC016063 T 91 80 4180 1000 F 91 80 4180 1290

Dr. Arunachala Rao
M.Ch. DNB
Associate Professor
Dept. of Neurosurgery
AIIMS Shubaneswar-751019



HEALTH WARE

25th November 2024

All India Institute of Medical Sciences
AIIMS, Near BijuPatnaik Police Academy,
Village-Sijua, Bhubaneswar - 751019

Quotation for Ultrasound system
Make: BK Medical

Quotation No: HWSQ2425/1379 dated 25th November 2024

SI No	PART NO	DESCRIPTION	QUANTITY
1	2300-61	bk5000 Ultrasound System TriCore Architecture with Ultra High Resolution Imaging and Doppler Accelerated System Control & Advanced Transducer Technology Synthetic Transmit Aperture No Touch Autogain & Application Specific Presets -1.5 hour battery operation (batteries included) -Wi-Fi & 1 UA1370 Basket included	1.00
2	9062	N13C5, Curved Array Transducer Craniotomy, Neuro, Pediatric & Intra Operative	1.00
3	9063	N11C5s Burr hole Neuro Transducer Neuro, Intra Operative	1.00
4	9009	X18L5s Hockey Stick Transducer Intra Operative, Peripheral Vascular, Musculoskeletal, Small Parts	1.00
5	UA2376	Neurosurgery Procedural Application includes Auto Optimization Algorithms, Optimized Presets, Measurements, Calculations, Worksheets and Reports	1.00
6	UA2389	DICOM Encrypted	1.00
7	UA2605	Neurosurgery High Frequency Procedural Application includes Auto Optimization Algorithms, Optimized Presets, Measurements, Calculations, Worksheets and Reports (includes high resolution visualization of spinal and cranial procedures)	1.00
8	UA2321	3D Freehand Option (license) Untracked (Not measurable) 3D acquisition	1.00
9	UA1345	Disposable Needle Guides for 8862/9062 Transducer (9pcs)	1.00
10	UA1346	Disposable Needle Guides for 8863/9063 Transducer (9 pcs)	1.00
11	UA2361	Remote Control for 1202 and 2300 Wireless	1.00

GST: 36AABCH2124A1ZE

CIN: U2432AP1996PTC025938

Healthware Private Limited

Serene Towers, 4th Floor, 8-2-623/A, Road No.10, Banjara Hills, Hyderabad-500 034, India
Tel: +91 40 2331 8224 Fax : +91 40 2331 8227 www.healthwareindia.com

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bk
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डॉ. अरुंकुमार सेकल / Dr. Arunkumar Sekal
एमसीएच, डीएनबी, डीएनबी
एम्सीएच, डीएनबी, डीएनबी
असोसिएट प्रोफेसर / Associate Professor
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एम्स, भुवनेश्वर / AIIMS, Bhubaneswar-751019

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**HEALTH
WARE**

12	Laser Colour Printer with cartridge	1.00
13	Sterile Jelly	50 Ltrs
	Price inclusive of GST and 5 years Warranty	₹ 1,50,00,000.00
	Comprehensive Maintenance Cost for 6th Year (inc. GST)	₹ 9,48,200.00
	Comprehensive Maintenance Cost for 7th Year (inc. GST)	₹ 9,95,600.00
	Comprehensive Maintenance Cost for 8th Year (inc. GST)	₹ 10,45,400.00
	Comprehensive Maintenance Cost for 9th Year (inc. GST)	₹ 10,97,700.00
	Comprehensive Maintenance Cost for 10th Year (inc. GST)	₹ 11,52,600.00
Total cost with 5 years warranty and thereafter 5 years CMC		₹ 2,02,39,500.00

TERMS & CONDITIONS**PRICES**

All prices quoted are for supply F O R destination inclusive of GST @12% & 18%

VALIDITY

Our offer would be valid for 30 days from the date of this offer.

ORDERING PROCEDURE

Your firm order shall be placed on us at:

HEALTHWARE PRIVATE LIMITED

8-2-623/A, Serene Towers
Road No. 10, Banjara Hills, Hyderabad – 500 034
GST : 36AABCH2124A1ZE

PAYMENT TERMS

70% against successful delivery, installation, commissioning and balance 30% after one month of successful installation and commissioning.

Beneficiary: Healthware Pvt Ltd,
HDFC Bank - A/c. No. 50200052355213
RTGS/ IFSC Code – HDFC0009817

DELIVERY

10-12 weeks including delivery, installation and commissioning from the effective date of contract.

GST: 36AABCH2124A1ZE

CIN: U2432AR1006PTC025938

Healthware Private Limited

Serene Towers, 4th Floor, 8-2-623/A, Road No.10, Banjara Hills, Hyderabad-500 034, India
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WARRANTY

I) We warrant the equipment against manufacturing defects, if any, for a period of 60 months from date of installation or 63 months from the date of shipment, whichever is earlier. Any damages due to wrongful handling and incorrect sterilisation protocols will not be covered under warranty. The final decisions on the warranty remain at the discretion of the manufacturer BK.

II) This warranty does not cover consumables, transducers, softwares, normal wear & tear, wrongful handling, not following the user instructions given in the literature and unauthorized attachments or modifications.

III) The warranty clause does not apply for the defects / repairs caused to the equipment due to negligent actions of and commissions and omissions by the customer or the representative.

The breach of contract conditions like non-payment / delayed payment of consideration and servicing done by un-authorized persons makes the warranty conditions voidable at our hands.

IV) Opportunity cost and any other indirect costs incurred by the customer do not fall into the orbit or warranty.

V) The warranty claims what so ever, will be restricted to the value of goods sold, in case of return of goods by the customer due to manufacturing defects if mutually agreed upon.

ENVIRONMENT

The equipment offered can be damaged by dust and extreme changes in temperature and humidity, and we shall not be liable for damage caused by the same.

SAFETY

For continued safe and optimum use of this equipment, the purchaser shall strictly follow the instructions given in the Operators manual. We shall not be responsible for damages injuries or losses suffered or caused due to, directly or indirectly, non-compliance with the operator's manual and other related instructions and norms.

INTELLECTUAL PROPERTY RIGHTS

It is agreed and acknowledged by the purchaser that in respect of all programs, software, manuals, know-how, techniques, and other forms of proprietary information supplied by us through any acceptable media, whether documented or not, or constituted or contained in the equipment, operating manuals, product data sheets etc., shall be and remain the sole and exclusive property of us or the respective owner of such intellectual property, and that the sale of the equipment along with and such propriety or copyrightable materials supplied by us, shall only constitute a right to use by the purchaser and the purchaser to make any unauthorized copied, by any means, or in any manner violate, breach, or infringe any and all or any of the said intellectual property rights.

MODIFICATIONS

Principals reserve the right to make and design improvements until the Product is delivered. Such improvement, however, shall not modify any material aspect of the Product.

If any modification to the product is required pursuant to any law or governmental regulation or requirement or interpretation thereof by any governmental agency, which is effective prior to the delivery date and which is applicable to the intended use of the product by the hospital, then in order to meet such requirement, such modification shall be made prior to the delivery date and customer shall pay our

Healthware Private Limited

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Tel: +91 40 2331 8224 Fax : +91 40 2331 8227 www.healthwareindia.com

GST: 36AABCH2124A12E

CIN: U24324AP1996PTC025938

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HEALTH WARE

Principal reasonable price for such change. If the delivery date is delayed as a consequence of such modification, such delay shall be deemed to be caused by Force Majeure.

For safety reasons customer agrees that without the prior written consent of our Principal's no modifications may be made to the product. Customer shall not attach any additional equipment to the product or use any other equipment in connection with the product.

CLAIM IN CASE OF DEFECTIVE EQUIPMENT

a) In the event of any defect (against which the above warranty is provided) being found on the equipment reaching the destination /site and thereafter within the warranty period set out above, replacement or repair will be carried out within 45 days from the date of receipt of written notice of such defect by us. The Purchaser shall be entitled only to such replacement or repair of equipment or part thereof, and shall have no other claim, for whatsoever reasons, including but not limited to any claim for direct or indirect damages resulting to or from such defective equipment and/or the time for its replacement or repair, including loss of business/profits, etc.

b) If we do not have in our stock any equipment or components to replace the defective equipment or components thereof then the time taken to manufacture or to obtain supplies from our suppliers shall be in addition to the said period of 45 days without any liability to us.

FORCE MAJEURE

We shall not be liable for loss or damage due to delay in manufacture, delivery or installation resulting from any cause beyond our reasonable control including but not limited to compliance with any regulation's orders or instructions of any central, state or municipal Government or any department or agency thereof, acts of God, acts or omissions of the Purchaser, including but not limited to failure to comply with recommended operating parameters and norms, acts of civil or military authority, fires, strikes, or factory shutdown, or altercations, embargos, war, riots, terrorism, delays in transportation or inability due to causes beyond our reasonable control to obtain necessary manufacturing facilities or materials from our as usual sources, and any delays resulting from any such cause shall extend delivery dates correspondingly

ARBITRATION

Any difference or dispute arising out of or any reconciliation to these standard trading terms and conditions shall be referred to arbitration. The arbitration shall be conducted in accordance with the Arbitration and Reconciliation Act, 1996 and the venue of the arbitration shall be at Hyderabad.

For **Healthware Private Limited**

Authorized Signatory

GST: 36AABCH2124A1Z5

CIN: U2432AP1996PTC025936

Healthware Private Limited

Serene Towers, 4th Floor, 8-2-623/A, Road No.10, Banjara Hills, Hyderabad-500 034, India
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