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Office of the Director

DR. BHUBANESWAR BOROOAH CANCER INSTITUTE

A grant-in-aid institute of Department of Atomic Energy, Govt. of India

And a unit of Tata Memorial Centre (Mumbai)

Gopinath Nagar, Guwahati- 781016

No- BBCI-TMC/Equip- 452/G/ 1374 /2022

Dated: 01 /04/2022

CORRIGENDUM

The technical specification for supply, installation & commissioning for “**Portable Ultrasound Machine with TVS Probe for OPD**” at Dr. B. Borooah Cancer Institute against NIT No. **BBCI-TMC/ Equip-452/G/1097/2022, dtd.16.03.2022** has been treated as cancelled. Accordingly, the revised technical specifications are uploaded in the website of the institute <http://www.bbcionline.org/tenders.php>. Interested tenderer may participate in the tender against the revised specification attach in **Annexure-A**.

The last date of submission of the tender has been extended till **30.04.2022** up to **02:00 PM** and the same will be opened on the same day at **3:00 PM**.

The other specifications and Terms & Conditions of the NIT shall remain unchanged.

13219 1/4/22.

Senior Administrative Officer
Dr. B. Borooah Cancer Institute
Guwahati – 16

Copy for information to:

1. BBCI website www.bbcionline.org
2. Notice Board, BBCI
3. Concerned file

13219 1/4/22.

Senior Administrative Officer
Dr. B. Borooah Cancer Institute
Guwahati – 16

Technical Specification for supply, installation & commissioning of
“PORTABLE ULTRASOUND MACHINE WITH TVS PROBE FOR OPD”.

TECHNICAL SPECIFICATIONS (Revised with Corrigendum)

A state of art fully digital, compact Color Doppler Ultrasound machine is required with following technical features:

Sl. No	Technical features
1.	Unit should be able to give very high image quality with advance technologies like compound imaging for better contrast resolution, tissue differentiation and edge detection, equivalent to high end cart based systems. Please specify the technology.
2.	Unit should be compact and durable.
3.	Imaging modes of Real time 2D, Color Doppler, Power Doppler, Pulsed wave Doppler, Continuous wave Doppler must be available.
4.	System must have fast start up to scanning in less than 3 seconds from off condition, for use in ICU and emergency conditions.
5.	System should support transducer technologies like phased array, convex and linear.
6.	The system should have a broadband architecture with an operating frequency of at least 1 to 9 MHz for 2 transducers .
7.	Cine memory of atleast 250 frames should be available on all operating modes.
8.	The system shall process a dynamic range that is at least 165db. The system must display at a maximum depth of 30 cm.
9.	The system must have dedicated calculation packages for Vascular measurements.
10.	The offered unit must have minimum flat LCD/TFT monitor of at least 15 inches with Anti-glare coating and wide viewing angle.
11.	Alphanumeric soft keys backlit and splash resistant keypad with easy access scans controls, facility to sanitize the system keyboard to avoid cross contamination.
12.	System should possess Needle Visualization software to track the needle clearly at steep angles during procedural guidance while maintaining striking image quality of the target structures and the surrounding anatomy with simple On/Off functionality on both linear & curvilinear transducers.
13.	The system must have the ability to function by AC/DC or battery power with the same degree of functionality, the battery life (run time) shall be at least 2 (Two) hours, this need to demonstrate.
14.	The system must have archive capability for storage & retrieval of images and clips. It should have atleast 2 USB slots, which allow for direct sharing of images (JPEG) and clips (AVI) to a PC.
15.	The system must have in-built memory of at least 16 GB for storing Patient data & studies.
16.	The system should be capable of supporting all DICOM functionality (Storage, Print, and Work List), also shall be compatible to connect to PACS.
17.	System should have both European CE and US FDA quality certification.

Transducers & other accessories to be supplied as standard:

1.	1-6 MHz (\pm 2 MHz) multi-frequency broadband curved array transducer for general abdominal, Ob/Gyn, deep nerve access & musculoskeletal applications.
2.	Multi- frequency TVS transducer.
3.	Detachable, imported, molded, OEM Trolley/ cart to mount transducers and machine.

ESSENTIAL REQUIREMENTS:

1.	Onsite Product training and access to online education material must be provided post installation of the system.
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