



Authorized Dealer  
**Wipro GE Healthcare**

**UMANG**  
**TECHNOLOGIES**

Proposal No. UT/US/294/2025-26 dated 06<sup>th</sup> November 2025

**TO**  
**M/S. LIGHT HOME HOSPITAL**  
**NEAR GOLLANAPALLI ZPH SCHOOL**  
**GANNAVARAM- 521101**  
**KRISHNA DISTRICT, ANDHRA PRADESH**

## **Final Quotation**

No. UT/US/294/2025-26 Dated 06<sup>th</sup> November 2025

For the supply and installation of

**VOLUSON P8 BT22 ADVANCE**

of "GE" make

**3D/4D Color Doppler Ultrasound Scanner System**



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Sub: - **Offer for Wipro GE's Premier Realtime 3D/4D Color Doppler system for your critical scans**

Dear Doctor,

We would like to thank you for giving us an opportunity to offer our latest and the best Premium Realtime 3D/4D color Doppler system

**"VOLUSON P8 Advance BT -22"**

An essential resource in delivering quality women's healthcare is ultrasound. From **exceptional image quality** to the **ease of use** and streamlined ergonomics that helps drive efficient workflow, the **Voluson™ Performance Series** is a cost-effective way to join the Voluson family and bring the **benefits of high-performance ultrasound to your patients**. Delivering confident, efficient care across a range of applications including obstetrics and gynecology to labor & delivery, the Voluson Performance Series is well suited for practice growth and demanding patients, operating affordably and reliably for years to come

**Performance: - Simplify Your Day**

- Simply place the probe to get the information you need, without time-consuming modifications. Built on Voluson Core Architecture, the Voluson Performance Series delivers excellent clinical images across all types of patients, quickly and easily.
- Excellent clarity and detail in **2D images** -Expand clinical confidence with **3D/4D technology**
- Superb sensitivity into anatomy and function with **Advanced Colour Doppler**
- **HD-Flow** Enhances visualization of small vessels by reducing colour overwrite and increasing sensitivity over conventional color Doppler, making it ideal for assessment of placental flow, small vessels in the foetus and gynaecology applications
- Consistent imaging even in difficult-to-image patients with **exceptional penetration**
- Reveal hidden details and enrich clinician-patient communication with **HD/live™ technology** to expose unprecedented depth, clarity, and exceptional anatomical realism
- 17-inch, flat-screen **LED monitor** provides high-resolution visibility and moves independently of the console for user comfort

**Innovation: - Experience More Flexibility**

- Effortlessly conduct 3D/4D imaging with **RAB6-RS ultra-light volume probe that is 40% lighter** than the previous version
- Introduction of **IC-9B RS Magical 2D Endovaginal probes** with outstanding detail resolution in gynecology and fetal imaging – bent handle available – supporting clinicians in Biopsy or pickup
- Obtain views not possible with 2D scanning with 3D imaging – offering another anatomical perspective for greater diagnostic certainty
- Display more anatomical information in a single image with wide-sector abdominal and endocavitary probes
- Easily view irregularly shaped structures with **Advanced Volume Contrast Imaging (VCI) with Omniview** – Adjust slice thickness on 3D or 4D images to help enhance contrast resolution then apply **Omniview** to obtain any plane from a 3D or 4D volume by simply drawing a **line, Trace, Polyline and curve** on anatomy
- Optimize your skills by accessing **educational videos** directly on Voluson ultrasound system
- Decrease complexity and increase exam consistency with Voluson's **Sono-automation** technologies
- Easily acquire surface rendered images with **SonoRender/live** – Automates render line placement in 3D/4D imaging
- Reduce keystrokes with **SonoBiometry** – Semi-automated biometry measurements (BPD, HC, AC, FL and HL) **cisterna magna, lateral ventricle and cerebellum added to the list.**
- **SonoFHR** Places callipers on the M-mode or PW trace to automate Fetal Heart Rate calculation
- Discover a sleek, lightweight system that fits into small spaces, enabling effortless scanning and reporting – **A battery pack offers 20 minutes of scan time and ~15 second wake time from sleep mode.**
- Create structured reports (1st, 2nd and 3rd trimester, gynaecology) in minutes and then export PDF reports with images and graphs at the touch of a button

**"Foetal Sex determination is illegal in India & Punishable under PNDT ACT 1994"**



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**Partnership – Get the Support that you need**

- Text or email images to patients or colleagues directly from the console, for an instant connection with **Tricefy™** in
- Protect sensitive data with Voluson ultrasound systems advanced security features including **Whitelisting** and **HD encryption**

**(LIKE FAMILY – WE'RE HERE FOR YOU ---Empowering you to do more)**

Reference towards the discussion towards the said subject kindly find the offer as enclosed with the technical requirement and the standard terms and conditions.

Looking forward toward your valuable order and long and fruitful association

Thanking you

Yours faithfully

**For Umang Technologies**

**A Nagendra Kumar**  
**Umang Technologies**  
**(Authorised Dealer of Wipro GE Healthcare Pvt. Ltd.)**  
**H.No.1-10-126/K, Flat No.3A, Harihara Niwas**  
**Mayurimarg, Begumpet, Hyderabad – 500016**  
**Contact : 040-27764554, 9849043821**



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With the **Voluson™ P8 BT22** you can depend on an easy-to-use system that helps provide consistent, exceptional images across applications – from routine OB evaluations and gynecological studies to labor and delivery.

**Voluson Performance Series**  
IMAGING SIMPLIFIED

Ultrasound is an essential resource in providing quality women's healthcare. The Voluson™ P8 delivers excellent image quality, ease of use, and streamlined workflow in a sleek, lightweight package. Ideal for growing practices with demanding schedules, the P8 provides confident, efficient care across a range of applications including obstetrics, gynecology, assisted reproductive medicine, and labor & delivery. Its high performance, operational affordability, and exceptional reliability make the P8 a cost-effective way to join the Voluson Family.

gehealthcare.com

**Voluson 3D Printing**  
DISCOVER MORE THAN YOU IMAGINE

Streamline and simplify the process of creating new, vibrant models in 3D healthcare. Enhance and improve the quality of care for all patients and providers. Discover the power of 3D printing in healthcare. Streamline and improve the quality of care for all patients and providers. Discover the power of 3D printing in healthcare.

gehealthcare.com

**Cutting-Edge Performance. Next Level Patient Care.**

Optimize 3D printing for clinical, research, and patient care.

Streamline the 3D printing process for clinical, research, and patient care. Optimize 3D printing for clinical, research, and patient care. Streamline the 3D printing process for clinical, research, and patient care.

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gehealthcare.com

### The Value of Voluson Innovation

*Advanced technologies for effortless imaging*

Simply place the probe to get the information you need, without time-consuming modifications. Built on Voluson Core Architecture, the Voluson P8 delivers excellent imaging across all types of patients, quickly and easily.

- Excellent **2D image clarity** and detail
- 3D/4D technologies** that expand clinical confidence
- Highly sensitive **Advanced Color Doppler** enables assessment of anatomy and fetal well-being
- Exceptional penetration** for consistent imaging performance even in difficult to image patients



### Inspiring Interactions

*Eliminate barriers to enhance connections*

Decrease complexity and increase exam consistency with Voluson's **Sono-Automation** technologies



**SonoRenderlive** - automates 3D/4D render line placement for easy volume rendering

Reduce keystrokes with **SonoBiometry** - Semi-automated biometry measurements (BPD, HC, AC, FL, HL, Vp, CM, Cereb)



Discover a sleek, lightweight system that fits into small spaces, enabling it to be used anywhere - battery operation provides 20 minutes of scan time and -15 second rapid wake from sleep mode

### Leverage Our Entire Ecosystem

*Harness the true power of Voluson by taking advantage of all we have to offer*

Join **Voluson Club** - The only ultrasound community dedicated to the education and collaboration of women's health providers. **>36K** members



Protect sensitive data with Voluson ultrasound systems advanced security features including **Whitelisting** and **HD encryption**

Create structured reports (obstetrics and gynecology) in minutes and then export PDF reports with images and graphs at the touch of a button

**Tricefy** inside your Voluson enables easy connectivity to securely archive, collaborate and instantly share images with patients



Count on responsive service and support from dedicated staff and programs that truly meet your Training, Maintenance, Repair, Remote Support needs and more



Simplify 3D with **OmniView** to obtain views not accessible with 2D, for another anatomical perspective and greater diagnostic confidence.

Optimize your skills by accessing **educational content** directly on your ultrasound system




Display more anatomical information in a single image with **Wide-sector** abdominal and endocavitary probes

Explore **3D Printing** for rapid clinical prototyping, and to enhance parental bonding




## Gain Consistency with Automation


*Easy-to-use tools to help reduce keystrokes and enhance patient care*





**BPD and HC**



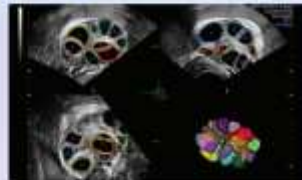
**FL**









**SonoBiometry** - Performs semi-automated biometry measurements to help reduce keystrokes (BPD, HC, AC, FL, HL, cisterna magna, lateral ventricle and cerebellum)



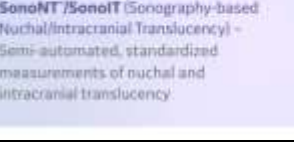
**SonoRenderlive** - Automatically places the 3D render line to simplify rendering with a fluid interface



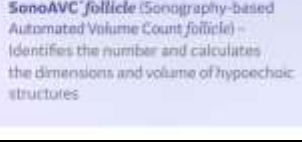
**SonoNT / SonoIT** (Sonography-based Nuchal/Intracranial Translucency) - Semi-automated, standardized measurements of nuchal and intracranial translucency



**SonoAVC follicle** (Sonography-based Automated Volume Count follicle) - Identifies the number and calculates the dimensions and volume of hypochoic structures



**SonoL&D** - Measures and documents fetal head progression providing objective data for reporting as well as patient communication



**SonoFHR** - Places calipers on the M-mode or PW trace to automate Fetal Heart Rate calculation



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**Your Configuration**

S no	Description	QTY
1	<b>VOLUSON P8 Advance BT-22</b>	1
2	Destination Set – India	1
3	17” LED Monitor	1
4	Voluson Core Architecture	1
5	Windows 10 OS	1
6	B Mode/ M Mode / Pw doppler/ Color flow Doppler mode	1
7	THI – Tissue Harmonics imaging	1
8	Coded Harmonics imaging with Pulse Inversion technology	1
9	Automatic optimization	1
10	<b>Auto TGC</b>	1
11	<b>CrossXBeamCRI™</b> – Compound resolution Imaging – Variable values	1
12	<b>SRI</b> – Speckle Reduction Imaging – Variable values	1
13	<b>HD Flow™</b>	1
14	Static 3D	1
15	Real time 4D imaging	1
16	<b>Virtual convex</b>	1
17	<b>HD Zoom&amp; Pan Zoom ,</b>	1
18	<b>Advanced VCI w/ Omniview</b>	1
19	<b>Advanced 3D/4D Package (TUI, SingleView)</b>	1
20	Wide Sector ( Max Angle)	1
21	Betaview	1
22	Internal Universal Video Converter (UVC)	1
23	Three active ports	1
24	PDF Export	1
25	TUI- Tomographic Ultrasound imaging	1
26	<b>SonoFHR</b>	1
27	<b>SonoAVC™ follicle</b> (Automatic, Semi-Automatic, Manual )	1
28	<b>SonoBiometry</b> – (HC, BPD, AC, FL, HL & Now CM, Vp, Cerebellum addition	1
29	SonoRender Live	1
30	<b>Steering -2D</b>	1
31	<b>Report editor</b> for each application specially designed to get the taken measurement automatically incorporated in the report	1
32	<b>On Board Archive</b> including preview and Preselection	1
33	<b>Education videos</b> – For learning and better understanding to tools	1
34	<b>Probe check Probe testing capabilities</b>	1
35	<b>DICOM</b>	1
36	<b>Internal Universal Video Converter (UVC)</b>	1
37	<b>Multigestation Calculation</b>	1
38	<b>IOTA</b> -(International Ovarian Tumor Analysis) LR2, Simple Rules & ADNEX Model.	1
39	<b>IDEA</b> -(International Deep Endometrioses Analysis) Report	1
40	<b>IETA</b> – (International Endometrial Tumor Analysis ) report	1
41	<b>HDlive™ 3D</b>	1
42	Adv Security Features	1
43	<b>DVD &amp; USB recorder (Software DVR)</b>	1

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S.NO.	Probes	QTY
1	RIC5-9A-RS (3D/4D Volume Tv/Tr Probe- for Gyn scans, IVF, OBs & 3D/4D scanning & features.	1
2	RAB2-6-RS (3D/4D Volume Convex probe for OBs, L&D 3D/4D scanning & features	1
3	4C-RS (2D- Convex Probe- for Abd, OBs, Gyn, IVF, Urology etc. applications)	1
4	3Sc-RS Cardiac Probe	1
5	12L-RS Linear Probe	1
6	BW Printer Set, VP8 - Includes: B&W Printer (SONY, UP-D898) - H46992LS B&W Printer install kit, VP8 BT22 - H44962LR	1
7	3KVA Online UPS	1
<b>TOTAL PRICE</b>		<b>RS.26,50,000/-</b>

**(Rupees Twenty-Six Lakhs and Fifty Thousand Only Including GST and Installation shall be done free of Cost)**

<i>Supply lead time</i>	<i>6-8 week(s) from Date of Order, Valid advance &amp; PNDT certification. doc</i>
<i>Installation time</i>	<i>4-6 Days</i>
<i>Proposal Valid Upto</i>	<i>30 day(s) from its Date</i>

Kindly note: - Prices offered with this quote are quoted and only valid if your buy along with the unit. Individual prices will be different with service tax as applicable.

Looking forward toward your valuable order and long and fruitful association

Thanking you

Yours faithfully

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**A Nagendra Kumar**  
**Umang Technologies**  
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**H.No.1-10-126/K, Flat No.3A, Harihara Niwas**  
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KEY FEATURES – CLINICAL UTILITY.

➤ **TISSUE HARMONICS IMAGING**

In Tissue Harmonic Imaging, acoustic aberrations due to tissue are minimised by receiving and processing the second harmonic signal that is generated within the insonified tissue. Voluson's high performance THI provides superb detail resolution, superior penetration, outstanding contrast resolution, excellent acoustic clutter rejection and an easy to use user interface for switching into THI, with 3 selectable frequencies ranges ( low, mid and high ).

➤ **TRAPEZOIDAL IMAGING**

This feature allows the linear probe beam to steer the beam 20 degrees on either side and then it compounds the acquired frame giving the facility to the linear probe the flexibility of working like a convex probe. This feature facilitates compounding of larger organs in one single image. Very helpful for thyroid imaging, breast, scrotal and pediatric application.

➤ **FREQUENCY FOCUS COMPOSITE**

During FFC two frequency are transmitted, one low and one high frequency, and the echoes from the both the two frequencies are compounded and displayed on the screen giving us high resolution at greater depth. Extremely helpful in obese patients screening.

➤ **BETA VIEW**

This is a unique feature available in volume transducers ( TV/TR & LINEAR ) During this view the entire array of ultrasound beams shifts automatically from one end of the probe to the other end without manual movement of probe. This is very helpful during difficult endorectal and endovaginal study.

➤ **AUTOMATIC TISSUE OPTIMISATION**

At the touch of a button the system automatically adjusts all the 2D parameters in B-Mode. It allows the examiner to instantly change between standard user programs to optimal contrast enhancement adjustments for each patient. It is a one touch tissue optimization key.

➤ **AUTOMATIC SPECTRAL OPTIMISATION**

At the touch of a button the system automatically adjusts all the Doppler parameters like PRF, Angle and Baseline adjustments. It makes the examination very fast and operation very easy and time saving for the user.

HIGH END 2D FEATURES

➤ **COMPOUND RESOLUTION IMAGING (CRI)**

In this the beams are transmitted perpendicularly and obliquely to acoustic window and the around 6-15 ( in 8 step levels) frames are correlated to form single image line. It provides better contrast resolution and margin definitions. It is available in both the linear and convex probes.

➤ **EXTENDED FIELD OF VIEW (PANAROMIC VIEW )**

This is an exclusive 2d feature where the system processes an entire scan for probe movement for 20 seconds and processes and display it on the screen. It is a real time function where the performer can see the scan been taken in on the screen . Another unique thing of this feature is it is not direction dependant.

➤ **SPECKLE REDUCTION IMAGING (SRI )**

The processed ultrasound image consist of lot of speckle artifacts, that give the know salt and pepper look of ultrasound scan which is caused due to scatter reflection from different tissue interfaces. SRI is an unique algorithm which removes this layer of speckle from the original processed image and allows us to visualize the anatomy as they appear in autopsy samples. SRI helps us to visualize the true extend of the tissue anatomy and visualize the boundary delineation of small lesion which were missed due to speckle artifact.

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**3D FEATURES.**

➤ **3D MULTIPLANAR DISPLAY**

This feature helps in visualization of volume of the organs in all the 3 planes – horizontal, transverse and coronal for better understanding and more information for the clinician.

➤ **CURVED ROI (REGION OF INTEREST)**

This is a unique feature available only on Voluson series. As we all know, all organs or areas in our body is curved. Looking at curved structures with a straight render direction was looking at a single level volume of information, which did not result in consistency in 3d imaging. Now the system facilitates to render the volume box as per desired shape of the anatomical region, to give better consistency and reproducibility for the 3d /4d imaging. ( eg Fetal spine, face covered by a placenta, uterine anomalies, cbd, liver surface rendering)

➤ **REAL TIME 4D**

Real time 4d Imaging is the continuous three-dimensional scanning of an object with simultaneous visualization in transverse, sagittal and coronal planes. The speed with which the acquisition is done is very critical.

**EXCLUSIVE 4D FEATURES**

**4D RADIOLOGY APPLICATION**

➤ **VOLUME CONTRAST IMAGING – A (VCI –A)**

This is a realtime 4D feature called multi –slice Technique which allows the user to predefine the width of the ultrasound beam (3mm, 5mm, 10mm, 15mm). This feature provides extreme utility in Abdominal and Small parts applications to detect the presence of diffuse lesions and provide superior contrast resolution.

➤ **VOLUME CONTRAST IMAGING – C (VCI-C)**

It is a revolutionary Real time 3D feature which allows simultaneous visualization of coronal plane with multislice imaging, either with the help of the curved line or the poly line which allows us to visualize the coronal image, cutting the anatomy at any given angle. This unique imaging method allows imaging of scan planes not accessible in conventional 2d imaging (Coronal plane) while simultaneously improving contrast resolution.

➤ **VOLUME CONTRAST IMAGING – STATIC**

This is a revolutionary feature which allows the user to apply the multislice technique on a stored 3d data. This unique imaging feature allows the multislice information on a stored image for better detection of diffused areas, better boundary detection and superior contrast resolution for more precision and confirmed diagnosis.

**SPECIALISED 4D OBSTRETRIC FEATURE FOR FETAL HEART IMAGING**

➤ **INVERSION MODE (VIRTUAL SONOANGIOGRAPHY)**

This is an revolutionary feature which helps in displaying the hypoechoic structures, (which are difficult or impossible to display with conventional ultrasound technique) in inverted surface rendered mode, while simultaneously removing information from the surrounding surface tissue. It helps in volume rendering of hypoechoic areas. Unique technology that helps us to quantify the hypoechoic to hyperechoic tissue with volume imaging.

➤ **TUI (TOMOGRAPHIC ULTRASOUND IMAGING)**

The presentation of diagnostic ultrasound images deviates from some other major imaging methods. In CT and MRI a standard viewing and documentation format is the display of multiple parallel slices of the region of interest on one large screen or film. With volume ultrasound it is now possible to appreciate the same display format. TUI allows for the presentation of parallel slices, in either axial, frontal or coronal direction as well as in any other organ-specific longitudinal, transversal or coronal axis. The advantage of this format is obvious: standardized scan planes of an organ may be displayed on one screen, a finding may be documented in its total extent.

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## Digital Support and Flexible Services

Choose the coverage and services you need with GE Healthcare's service support options. Securely connect your Voluson system with InSite<sup>™</sup> to access GE remote support representatives, helping you to solve issues faster. InSite also enables OnWatch Proactive Monitoring to analyze system performance, detecting issues and helping resolve them before they impact your system. Connection to InSite enables access to asset management features and utilization tools to help manage performance.

