



**HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED**  
**Procurement Cell**

**( A Government of Maharashtra Undertaking)**

**Regd. Office : Acharya Donde Marg, Parel, Mumbai 400 012 (INDIA)**

**Phone No: 022- 24129320-23**

**Managing Director :022-24150628**

**General Manager (Procurement Cell) :022-24100478**

दि: २६.०७.२०२२ प्रशासकीय मंजूर निधी (प्रतिनग किंमत)  
२८,००,०००/- (राज्य योजना २०२२-२३) (Qty.- 01)

**Website : http://www.vaccinehaffkine.com**

**E-mail: procurementcell@vaccinehaffkine.com**

**No.: 7952 /Haffkine/Procurement Cell/RT-1479/ High End Ultrasonography Machine with Color Doppler/ 2023-24.**

**Date: 12/07/23**

**To,**

**M/s. Wipro GE Healthcare Pvt. Ltd.,**

No.4, Kadugodi Industrial Area,

Bangalore-560067, Karnataka, India.

Contact No. 7506090995.

**E-Mail: aruny@ge.com**

**akshai.singh@ge.com**

**Subject : Supply Order for Tender No. RT-1479/High End Ultrasonography Machine with Color Doppler.**

**Reference: 1. Tender No. RT-1479/HBPCL/PC/High End Ultrasonography Machine with Color Doppler/ 2022-23.**

**2. शासननिर्णय, क्रमांक - खरेदी -२०१८/प्र.क्र.३२८/प्रशा-१**  
**दिनांक : २७ सप्टेंबर, २०२२.**

**3. Sanction of Tender Approval Committee Meeting No. 178**  
**Date : 29.05.2023.**

With reference to the tender cited under reference no 1, you are requested to supply the following goods as per details mentioned below to consignee list enclosed with this order.

Sr. No.	Name of the item	Specification of item	Quantity / Unit (DMER)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1	High End Ultrasonography Machine with Color Doppler Make : Wipro GE Healthcare Model : Versana Premier	As per Annexure X	01	26,50,000/-	26,50,000/-

**Total amount in words: Rupees Twenty Six Lakhs Fifty Thousand Only.**

**Factory Location: No - 4, Whitefield Main Road, Sadaramangala Industrial Area, Kadugodi, Bengaluru – Karnataka 560067, India.**

1 **Forwarding:** Forwarding Free on Road Destination, i.e. door delivery basis.

2 **Delivery Period:** 06 weeks from the date of receipt of order by the supplier to the consignee attached.

3 **Pre-Dispatch Inspection:** Supplier shall make necessary arrangement / facilitate to carry out Pre-Dispatch inspection as per Tender Terms & condition and submit the Inspection report to this office. The Pre-Dispatch inspection cost will be borne by supplier. Machine should be dispatched only after Satisfactory Pre-Dispatch Inspection.

- 4 **Risk purchase clause:** If the bidder fails to supply the stores within the stipulated delivery period, the order will stand cancelled. Undersigned shall be entitled to purchase such stores from any other source at such price which ordinarily should not be more than 10% of the tender price. The extra expenditure in such cases shall be recovered by Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai from the Supplier.
- 5 **Payment Terms:** Payment of 100% of the contract value will be made within 8 weeks on delivery and successful installation and satisfactory commissioning and operation of the machinery.
- 6 **Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- 7 **Delivery Challan** - Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 8 **Invoice Copy** - Should be sent in triplicate on the Name of Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai. Along with Bill of Entry and Country of Origin Certificate of the consignment.
- 9 **Other Terms :**
  - 1) **Warranty:** The warranty period shall be for 3 years from the date of commissioning of all equipment supplied as certified by the consignee. After completion of 3 years warranty period Manufacturer/Supplier should give commitment to ensure services and supply of spare part for further 7 years. The successful tenderer must ensure 95% uptime during warranty period. In case of downtime, warranty period will be extended for period of downtime. If the equipment is not attended within 24 hours for Mumbai and 48 hours for other places the supplier will be liable to pay a penalty of 0.07% of purchase cost for every day of delay. Such penalty will be recovered from the amount of security deposit. Certificate of such uptime / downtime issued by the end user will be binding for the supplier Replacement of spares parts thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost.
  - 2) The user institution will enter to the Comprehensive Maintenance Contract with supplier agency @ 5% of the order value (excluding taxes) of the equipment per year for 7 years after completion of warranty period. In case of non-compliance of CMC the supplier will be liable to pay penalty or for appropriate action. Payment of CMC on yearly basis will be made by the user's institution, at the end of the year after satisfactory performance report from the end user.
- 10 **Contract Agreement:** Bidder should submit Contract Agreement on non-judicial stamp paper of requisite value.

#### **Fall Clause**

It is a condition of the contract that all through the currency there of, the price at which you will the supply stores should not exceed the lowest price charged by you to any customer during the currency of the contract and that in the event of the prices going down below the rate contract prices you shall promptly furnish such information to us to enable to amend the contract rates for subsequent supplies.

- 11 The Bidder should submit (within 7 days) amount of 1.5% i.e. Rs. 39,750/- of order value to meet other incidental expenditure and 3% i.e. Rs. 79,500/- as Security Deposit in form of Bank Guarantee. The Bank Guarantee valid for 2 months after the expiry of date of warranty issued by any Nationalized / Scheduled Bank.

**Amount to be deposited to Following Account:**

Name of Account	Haffkine B P C L (Procurement Cell), CESS Account
Name of the Bank & Branch	Bank of Maharashtra. Branch- Mumbai Parel
Account No.	60381379835
IFSC Code	MAHB0000079

**Consignee:** As per list enclosed

या. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता

  
General Manager

Haffkine Bio Pharmaceutical Corporation Ltd.  
(Procurement Cell), Mumbai.

**Copy to:**

- 1) Commissioner Health Services, Mumbai.
- 2) Director, Medical Education & Research, Mumbai-400 001.
- 3) Account Manager, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai.
- 4) Office File.

**Copy to Consignee: Urban Health Centre, Bandra, Mumbai.:** As per Tender Condition No.17 The user Institution should get the Comprehensive Maintenance Contract done with supplier agency @ 5% of the Order value (excluding taxes) of equipment per year for Eight years after Completion of warranty period.

**Copy Submitted to:** 1) Secretary, Medical Education & Drug Department, Mantralaya, Mumbai.

Annexure-X

Technical Specification for High End Ultrasonography Machine with Color Doppler	
A.	The equipment must be capable of operating in B, M, Doppler, Color flow and Power Doppler modes. Contrast ultrasound & 3D / 4D Volume Scanning. Strain elastography.
B.	It should support transducers with Convex, Linear, Broad band TV. Further, it must include a full array of measurement and calculation packages. The specific minimum requirements for this equipment are as follow.
1.	<b>User Interface &amp; Ergonomics</b>
1.1	The system shall include at least a 21" monitor.
1.2	The system should have 10 Inch color touch panel.
1.3	The System should have integrated Gel Warmer.
1.4	The system shall have minimum 4 active probe Ports.
2.	<b>Productivity</b>
2.1	The system shall offer an extended field-of-view imaging that operates by sweeping a transducer over the anatomy of interest. This mode shall build the extended field-of-view in a real-time manner, showing the image as it builds.
2.2	System shall have image management features that store images by patient and include the ability to review images from different exam dates.
2.3	System shall support the ability to store digital data in, that allows to optimize imaging parameters such as B Gain, TGC, Dynamic Range, Speckle Reduction levels, Color gain, Doppler Base Line on old Images & old loops recalled from the image archive.
2.4	System shall allow for live image and archive images side-by-side display on a single monitor. This display shall allow any type of image — B-Mode, Color, or power Doppler on either side.
2.5	System should have onboard tutor for learning and enhancing the technical skill for patient scanning.
3.	<b>Workflow</b>
3.1	Realtime 3D / 4D Imaging Capabilities should be available in Convex & TVS Transducer.
3.2	System Should have Auto measurement for Fetal Biometry
3.3	Should have Facility to Side-by-side comparison of previous ultrasound during live scanning, Contrast Ultrasound Capability (CEUS)
3.4	Should have facility of Workflow enhancement tool for standardized and Repetitive exams.
4.	<b>Technical requirements</b>
4.1	The system shall allow for Post-Storage image manipulation to provide maximum image flexibility, review and productivity. It shall include the ability to change all following on recalled old Stored Images/Loops:
4.2	Overall B-Mode gain, dynamic range and gray scale maps.
4.3	Overall Color & Doppler gain, base line shift, Angle correction, sweep speed and inverted spectral waveform.
4.4	Anatomical M-Mode
4.5	The system shall provide a display zoom function on frozen images.
4.6	System should support raw data processing
5.	<b>System should have inbuilt Strain elastography in Convex, Linear &amp; Transvaginal probe.</b>
6.	<b>Scanning Parameters</b>
6.1	The system should have minimum 3,00,000/ 3,50,000 digital system processing channels.
6.2	The system shall possess the ability to control speckle using a speckle reduction algorithm that enhances borders, reduces speckle artifact and improves detail and

	contract resolution in gray scale with compatibility in Color mode, 3D and side-by-side display. This feature shall have operator selectable settings and be capable of displaying in side-by-side mode with non-speckle reduced image.
6.3	The system shall provide the ability to scan in the compound imaging mode with up to 9 lines on all linear and convex probes.
6.4	The system shall provide scan depths from a minimum of 2 cm to a maximum of at least 33 cm.
6.5	System Should have frame rate more than 1700f/s
6.6	System should have 256 gray shades
6.7	B-Mode / M-mode Imaging
6.8	The system shall provide the capability for coded tissue harmonic imaging on all offered transducers.
6.9	Color flow/Bi -Directional Power Doppler/Pulse Wave Doppler
7.	<b>Measurements and Calculations</b>
7.1	Measurements should be possible on frozen images as well as on images recalled from the image archive.
7.2	The system shall provide a comprehensive set of obstetrical and gynecologic calculations and vascular calculations with summary reports.
8.	<b>Image Archive and Networking</b>
8.1	The device should store images onto an integrated DVD-R Multidrive and a USB port storage device.
8.2	The system shall include at least 500gb HDD which includes at least 250 GB hard drive for large local image storage capacity.
8.3	The device should store images in DICOM, JPG, WMV and AVI formats for maximum flexibility.
8.4	DICOM option to be inbuilt
9.	<b>Transducers</b>
9.1	1-5 MHz Bandwidth Broadband Convex Probe for Abdomen imaging.
9.2	3-12 MHz Broad band - Linear probe for Abdomen, Pediatric, Peripheral, MSK.
9.3	5-9 MHz- Broad band TV/TR probe.
9.4	2-6 MHz Bandwidth Volume Convex probe for 4D applications.
9.5	Adult 2D Echo probe.
9.6	Intraoperative Hockey stick probe- 7 to 18 MHz.
10.	Equipment should be supplied with a suitable UPS with 30 mins backup.
11.	A black & white thermal printer must be supplied with equipment.
12.	The system should be USFDA and European CE certified.
13.	Latest computer and ink tank colour printer & 5 star rated AC System (1.5 ton). Nos.
14.	3 Year warranty of USG Assembly.

Consignee Details

M/s. Wipro GE Healthcare Pvt. Ltd.		
High End Ultrasonography Machine with Color Doppler Make : Wipro GE Healthcare & Model : Versana Premier		
Delivery Period	06 weeks	
PO Ref. No.	No.: 7952 /Haffkine/Procurement Cell/RT-1479/ High End Ultrasonography Machine with Color Doppler/2023-24. Date: 12/07/23	
	दि: २६.०७.२०२२ प्रज्ञानक्राय मंजुर तिथी (प्रतिनग किंमत) २८,००,०००/- (राज्य योजना २०२२-२३) (Qty.- 01)	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Urban Health Centre, Bandra, Mumbai.	01
	Total	01

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General Manager

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