



HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED
Procurement Cell

(A Government of Maharashtra Undertaking)

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

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:022-24100478

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E-mail: procurementcell@vaccinehaffkine.com

No.: 4299 /Haffkine/Procurement Cell/E-1357/ High End
Ultrasonography with Colour Doppler System with Elastography
with Internet and PACs Connectivity and Air Conditioning/ 2020-21.

Date: 24/02/2021

To,

M/s. Samsung India Electronics Pvt. Ltd.,

6th Floor DLF Centre,

Sansad Marg, New Delhi – 110001.

Contact No. 9824160071.

E-Mail: a.chahal@samsung.com

Subject : Supply Order for Tender No. E-1357/High End Ultrasonography with Colour Doppler System with Elastography with Internet and PACs Connectivity and Air Conditioning

Reference: 1. Tender No. E-1357/HBPCL/PC/ High End Ultrasonography with Colour Doppler System with Elastography with Internet and PACs Connectivity and Air Conditioning/ 2019-20.

2. शासननिर्णय, क्रमांक - जेएचएम-२०१८/प्र.क्र.३८९/प्रशा-१
दिनांक : ०१ डिसेंबर, २०१८.

3. Sanction of Tender Approval Committee Meeting Dated 27.01.2021.

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	Specificati on of item	Quantity/ Unit (DMER)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1	High End Ultrasonography with Colour Doppler System with Elastography with Internet and PACs Connectivity and Air Conditioning Make : Samsung Medison Model : RS85	As per Annexure X	01	55,00,000/-	55,00,000/-

Total amount in words: Rupees Fifty Five Lakhs Only.

Factory Location: Samsung Medison Building, 42, Teheran-ro 108-gil, Gangnam-gu, Seoul- 135 851, Korea.

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

2 **Delivery Period:** 12 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 **Labelling:** The word "**For use of GOVERNMENT OF MAHARASHTRA NOT FOR SALE**" should be printed on each unit pack in readable Purple or Green Colours.
- 7 **Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- 8 **Delivery Challan** - Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 9 **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.
- 10 **Other Terms :**
- 1) Warranty: The warranty period shall be for 2 years from the date of commissioning of all equipment supplied as certified by the consignee. After completion of 2 years warranty period Manufacturer/Supplier should give commitment to ensure services and supply of spare part for further 8 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 8 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.
- 11 **Contract Agreement:** Bidder should submit a tripartite (Importer, Manufacturer and Haffkine Bio Pharmaceutical Corporation Ltd.) Contract Agreement on non-judicial stamp paper of requisite value.

Fall Clause

It is a condition of the contract that all through the currency thereof, 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.

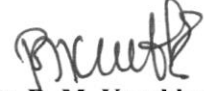
- 12 The Bidder should submit (within 7 days) amount of 1.5% ie. **Rs. 82,500/-** of order value to meet other incidental expenditure and 3% i-e **Rs. 1,65,000/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee valid for 2 months after the expiry of date of warranty issued by any Nationalized / Scheduled Bank.

Amount to be deposited to Following Account:

Name of Account	Haffkine Bio-Pharmaceutical Corporation Ltd. (Procurement Cell), CESS Account Mumbai.
Name of the Bank & Branch	Canara Bank, Branch-Parel
Account No.	0110201004893
IFSC Code	CNRB0000110

Consignee: As per list enclosed

भा. व्यवस्थापकीय संचालक यांच्या मान्य टिपणी नुसार



(Dr. R. M. Kumbhar)

General Manager - 1

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: Sir J. J. Hospital, 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

(A)	Specification
	High End Ultrasound And Colour Doppler System Model with Elastography, Contrast and Automatic fusion.
	Technical Specification: The system should be state of the art with full digital technology and should be for Abdominal, Renal, Pelvic, Genitourinary, Breast (2D), Obstetrics, thyroid, and MSK imagine.
(A)	The specific minimum requirements for this equipment are as follows.
1	The system should be capable of high-resolution 2D, 3D, M, PW, Colour flow, power & Directional power Doppler, Pulse Wave Doppler and panoramic imaging mode.
2	It should have contrast imaging and real time shear elastography wave modes.
3	The system should have Minimum 4000000 Channels and more digital processing channels.
4	Transducers should be of the latest broadband technology (with the year of introduction) available with the company, compatible with these specifications and this should be clearly mentioned I the affidavit from the original manufacturer or its Indian subsidiary, single crystal / pure wave / matrix multilayer crystal Technology.(Critical)
5	The system should have a dynamic range of 220 dB or More. (Critical)
6	System should offer imaging depth of 30cms or more. (Critical)
7	The system should have a frame rate of 2200 frames in 2D per second or more. (Critical)
8	The system should have advanced color Doppler facility with spectrograms for vascular applications.
9	System should have panoramic Imaging with at least 60 cm of scanning length, It should have skin line scaling markers, curved distance measurement tool and zoom, pan, Rotate & Trim facility to trim panoramic images from start or end of the panoramic capture. (Critical)
10	System should have integrated breast imaging reporting dedicated software ds per international norms available during the current study and results, images and measurements should be fully integrated into the report worksheet for Breast Clinical Application. System should also have print ready Liver, Obstetric and Vascular worksheets. (Critical)
11	Machine should be capable of real time Compound imaging technology on linear, curved and mechanical volume probes for improved visualization. The compound imaging should have at least 9 beam steered lines of sight. (Critical)
12	The system should have Basic Imaging Optimization controls like Tissue Harmonic Imaging, High Definition/ General/ Frame Rate optimization Control, penetration/ General / Resolution optimization control, Trapezoidal Imaging and Sector Size Control. (Critical)
13	System should have both manual and Auto Doppler Trace facility on live and frozen images to improve the vascular workflow quantification of Doppler parameters. (Critical)
14	System must be offered with High Definition Speckle Reduction Imaging. (Critical)
15	The System should have the 'Speed of Sound Correction' feature or equivalent international standard application. Specify number of such sound correction speeds to adapt to tissue type. This feature should be available both in linear and convex transducers.(Critical)
16	The machine should support intima media thickness (IMT) quantification with automatic as well as user assisted tracing of intima-media complex. (Critical)
17	System should also offer pulse wave velocity measurement to measure the stiffness of the arterial walls or arteriosclerosis. (Critical)
18	System should have High definition and PAN/Zoom facility. (Critical)
19	System should be able support at least Four electronic transducers with universal ports with simple electronic selection method for interchanging transducers. Additional parking ports would be preferable. (Critical)
20	System should have one touch optimization for 2D & Doppler Modes.(Critical)
21	System should have Cine loop facility, both frame by frame and in cine mode, with a memory for at least 3 minutes in 2D, colour and Elastography modes. The system should also be able to review and at least 20 seconds of Doppler and M mode data.(Critical)
22	The system should have facility of direct storage and retrieval of BIW and colour images in both frozen and cine loops in the inbuilt hard disk drive. In-built hard disk storage for images should

2	Liner array 4-9 MHz - - 1MHz (Elastography) (Critical)
3	Endocavitary probe 4-9 MHz with FOV of 170 or above (Critical)
4	Convex 4D volume probe 2-5 MHz Multiplanar rendering should be possible. (Critical)
5	Liner probe 6-18 MHz (Critical)
6	Pediatric probe 3-8/+/-1 MHz
C	Accessories: (Critical)
1	On-line UPS with Image management System and offline quantification software for 3D-4D and elastography for academic purposes.
2	TWO-USB colour inject printer with scanner.
3	15 Desktop PC with Image management System and offline quantification software for 3D-4D and elastography for academic purposes.
4	2 ton split air conditioners of standard company with at least 3 star ratings, two in numbers.
5	Biopsy attachment for convex, Linear and TVS which is reusable
6	Examination table one in number and revolving chairs four in numbers.

Consignee Details

M/s. Samsung India Electronics Pvt. Ltd.		
High End Ultrasonography with Colour Doppler System with Elastography with Internet and PACs Connectivity and Air Conditioning		
Make : Samsung Medison & Model : RS85		
Delivery Period	12 weeks	
PO Reference No.	No.: 4299 /Haffkine/Procurement Cell/E-1357/High End Ultrasonography with Colour Doppler System with Elastography with Internet and PACs Connectivity and Air Conditioning/2020-21. Date: 24/02/2021	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Sir J. J. Hospital, Mumbai.	01
	Total	01

३. व्यवस्थापकीय संचालक यांच्या मान्य टिपणी नुसार


(Dr. R. M. Kumbhar)

General Manager - 1
Haffkine Bio Pharmaceutical Corporation Ltd.
(Procurement Cell), Mumbai.