

**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****Website : <http://www.vaccinehaffkine.com>****E-mail: procurementcell@vaccinehaffkine.com****No.: 3703 /Haffkine/Procurement Cell/E-1623/Repeat Order/Ultra Sonography Machine/2019-20****Date: 09/07/2020****To,****M/s. Samsung India Electronics Pvt. Ltd.****6th Floor, DLF Centre, Sansad Marg,****New Delhi-110001.****E-Mail: a.chahal@samsung.com****Subject : Supply Order for Tender No. E-1623/Ultra Sonography Machine.****Reference: 1. Tender No. E-1623/HBPCL/PC/Ultra Sonography Machine/2019-20.****2. Sanction of Tender Approval Committee Meeting Dated 02.07.2020**

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	Ultra Sonography Machine Make & Model : Samsung Medison & HS70A	As per Annexure X	01	44,65,000/-	44,65,000/-
Total amount in words: Rupees Fourty Four Lakhs Sixty Five Thousand only.					
Factory Location: Samsung Medison Building, 42, Teheran-ro 108-gil, Gangnam-gu, Seoul-135 851, Korea. 82-2-21941400.					

- Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- Delivery Period:** 12 weeks from the date of receipt of order by the supplier to the consignee attached.
- 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.
- 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 5 years from the date of commissioning of all equipment supplied as certified by the consignee. After completion of 5 years warranty period Manufacturer/Supplier should give commitment to ensure services and supply of spare part for further 5 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. 66,975/-** of order value to meet other incidental expenditure and 3% i-e **Rs. 1,33,950/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee Should be Valid for 8 Years after the expiry 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

Rajesh

(Dr. Rajesh Deshmukh)

Managing Director

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: Dean, Gokuldas Tejpal 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 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	
	The system must be high end and should be latest and state of the art with fully digital technology equipment to incorporate the facility of 2D, M-Mode, CDI, PW Doppler, Power Doppler, directional power angio, Contrast agent imaging, Elastography, Real time 3- D(4-D, Imagine for abdomen, obstetrics & Gynae & superficial parts imaging like breast, thyroid and musculoskeletal.
1. Beam former	Universal Digital Beam former accepting routing Phased array sector, Convex, Linear and Volume probes <ul style="list-style-type: none"> Frequency range: 1.3-15.0 MHz
2. Monitor/Control Panel	Should have high-resolution minimum 20" medical grade Flat Panel monitor with articulating arm. Monitor with side angle viewing technology will be preferred <ul style="list-style-type: none"> Height-adjustable control panel with lock lever Minimum 10.4" touch screen, with complete user customizable options Backlit key illumination Customizable soft keys for easy and immediate viewing of on-screen menus Full-Size QWERTY keyboard supports text entry, function keys and system programming
3. Digital Processing Channels	Should be more than 4,00,000 processing channels with parallel Quad beam processing.
4. 2D Mode Line Density/Dynamic Range	System should have 2D mode line density of minimum 512 and system dynamic range to be minimum 225 dB.
5. Display modes	With B, 2B, 4B, Speckle Reduction Imaging, Compounding with 3 steps, Dynamic Tissue Optimization, M-Mode, Color M mode, PW, HPRF and Color Doppler with Power Doppler. Alternate, line and Phase Inversion Tissue Harmonics should be available on Convex and Phased Array probes. Steering on Color/PW modes on Linear probe should be available. Trapezoidal Image should be possible on the Linear transducer.
6. Cine Review /Post Processing Features	Standard cine memory providing 2700 frames on 2D mode and up to 30 seconds Doppler Cine. <ul style="list-style-type: none"> 2D-mode – Zoom/pan-Gray map- Colorization map Color Doppler- Zoom/pan-Color map-Color invert Spectral Doppler-Gray map –Doppler colorization map-Angle correct M-mode-Gray map-M-mode Colorization map
7. Transducer technology	System should be capable of handling 1.3- 16.0 MHz Multifrequency imagine with independent selection of 2D/Color/ Spectral Doppler frequency should be offered. Independent 2D and color frequencies for optimal resolution and penetration The system should have 4 Active Imaging Probe Ports.
8. Exam Presets	Should be able to store atleast 20 user specific Image presets.
9. Image Optimisation on B and M modes	Spatial Compounding Imaging with steerable angels available on linear transducer & cured array transducers Speckle Reduction Imaging facility. Penetration 1-36 cm depth.
10. Color and Spectral Doppler Optimisation	Color Doppler velocity maps: Up to 9 User selectable maps (7 velocity and 2 velocity/ variance) PRF Scale range: 100- 19,500 Hz (transducer dependent) 1-20 mm Gate adjustments on Spectral modes. Auto Trace of Doppler Spectrum in Real Time and freeze including calculations for PS, ED, TAMx, TAMn, PI, RI and S/D
12. HD Zoom function	The system should reoptimise and rescan the selected region to actually increase the acoustic information content of the image upto 10 times. High density (HD) zoom function obtains a region of interest with increased detail resolution.

Consignee Details

M/s. Samsung India Electronics Pvt. Ltd		
Ultra Sonography Machine		
Make & Model : Samsung Medison & HS70A		
Delivery Period	12 weeks	
PO Reference No.	No.: 3703 /Haffkine /Procurement Cell / E-1623/Repeat Order/Ultra Sonography Machine/2019-20 Date: 09/07/2020	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Gokuldas Tejpal Hospital, Mumbai.	01
Total:		01



(Dr. Rajesh Deshmukh)

Managing Director

Haffkine Bio Pharmaceutical Corporation Ltd.

(Procurement Cell), Mumbai.