

**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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Website : <http://www.vaccinehaffkine.com>
E-mail: procurementcell@vaccinehaffkine.com
No.: 2812 /Haffkine/Procurement Cell/E-1814/ USG Machine /2019-20
Date: 14/02/2020

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-1814/USG Machine**Reference:** 1. Tender No. E-1814/HBPCL/PC/USG Machine/2019-20

2. Sanction of Tender Approval Committee Meeting Dated 07.02.2020

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 (Ayush)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1	USG Machine Make & Model : Samsung Medison & HS50	As per Annexure X	01	26,00,000/-	26,00,000/-
Total amount in words: Rupees Twenty Six Lakhs Only.					
Factory Location: Samsung Medison Building, 42, Teheran-ro 108-gil, Gangnam-gu, Seoul- 135 851, Korea. 82-2-21941400.					

- 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. 39,000/-** of order value to meet other incidental expenditure and 3% i-e **Rs. 78,000/-** 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



(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, Government Medical College, Baramati. : 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

1. The system should be a state of art premium and platform machine to perform exclusively with high grey scale for all **radiology** applications.
2. Should be compatible to **best** quality and light weight abdominal 4D probe for ease of Use. Should be of the lightest weight so that large number of patients can be handled Without injury to Doctor's wrist.
3. System should have up gradation for Elastography with quantification, strain graph and Strain Histogram.
4. System should be operated for General purpose ultrasound scanner for Abdomen, OB\GYN, Vascular, Cardiology, Urology small parts and Intraoperative application.
5. System should have minimum of 12 **Bit** A/D Converter.
6. System should be Capable of taking Multi layered crystal technology probes for highest sensitivity & high resolution.
7. Capability to incorporate Electronic Convex, Linear, Phased Array technology probes. Should be capable to take intraoperative probes.
8. System should have high end CPWG (compound Pulse wave Generator).
9. The frequency range of the system should be 1 MHz to 18 Mhz.
10. System should have IPS-Pro technology monitor for better contrast and wide viewing angle.
11. System should have Real Time Tissue Electrography to most variants of Oncology and Gastroenterology studies.
12. System should have touch panel of at least 10 inch size for higher customizability.
13. System should have 100 presets for various variety of applications.
14. System should have at least 21 inch monitor.
15. System should comply safety regulation of IEC 60601-1, Ed.3.0:2005, Class I, Type BF.
16. System should have following scanning methods: - Convex, Linear, Phased Array Sector and Radial.
17. System should have high resolution directional color flow along with conventional color flow and Power Doppler flow. This Color Flow imaging functions should have ability to display blood flow information in a high spatial and temporal resolution
18. System should have dual gate Doppler (two Doppler gates at a time) for complex Doppler studies and study of fetal arrhythmias.
19. System should be upgradable to live 3D (4D).
20. System should have triplex mode Doppler as standard.
21. System should have Dynamic Slow motion display to be able to show in Fast moving fetal heart by displaying real time and its slow motion image together on one screen at the same time. This function should be available with B mode and Color Flow Mode along with speed variations up to as low as $1/10^{\text{th}}$ level.
22. System should have Sound Speed Correction of 26 levels as a standard
23. System should have dynamic range of at least 270 dB
24. System should have frame rate of at least 400 frames/sexc.

25. System should have at least 450000 channels.
26. System should have zoom/magnification of at least 8 times.
27. System should have imaging scan depth up to 40 cm.
28. System should have speckle reduction technologies like AIP (adaptive image processing) & SCI (Spatial Compound Imaging).
29. System should have B Steer function to get oblique images in B-mode.
30. System should have Trapeziod Scan in Linear probes.
31. System should have coded function, i.e. transmitting and receive of coded ultrasound pulse for better energy and high (S/N) signal to noise ratio.
32. The system should have auto-optimizer for automatic adjustment of gain and sound velocity.
33. System should have needle **Emphasis** feature in which the needle can be visualized with enhanced brightness for better visualization of needle during complex biopsies.
34. System should have FAM (Free Angular M-mode)/ Anatomical M-mode with freely moving M-mode cursor which can be rotated to 360 degree. There should be 3 numbers of such simultaneous cursors.
35. System should have real time Doppler Auto-trace as standard.
36. System should have steerable CW with steering of ± 30 degree changeable at 5 degree angle.
37. System should have auto angle correction for Doppler.
38. System should have sample volume size changeable from 0.5 to 20 mm for PW Doppler.
39. System should have Auto FHR (Fetal Heart Rate) function to get the objective numerical value of the fetal heart rate from B-mode data without using any Doppler or M-mode. This should be a tool like a cursor box to be placed on the fetal heart to get the fetal heart rate value.
40. System should be able to be connected with inkjet PC Printer for image printing as well as report printing.
41. The power consumption of the System without ant peripherals should not be more than 600 V.A.
42. System should be upgradeable to Panoramic Imaging.
43. System should be upgradeable to contrast Harmonic Imaging with monitor mode to display fundamental image and intermittent CH I image side by side display. It should have Wide Band contrast Harmonic Imaging & Tissue Reduction Contrast Harmonic Imaging.
44. System should be upgradeable to abdominal, transvaginal & Linear 4D.
45. System should be upgradeable to bi-convex and Linear-convex biplane probes for prostate as well as urology applications.
46. The system should have CW in Cardiac, Linear as well as convex probe as an option.
47. System should have Auto NT measurement function as an option.
48. System should have Auto IMT measurement function as an option.
49. System should have TVF (Transit-time Vessel Flow) measurement feature as an option.
50. System should be upgradeable to STIC.
51. System should be upgradeable to AVM (Automatic Volume Measurement)
52. System should be upgradeable to 4D shading.

53. System should be upgradeable to Multi Planar Imaging.

54. Probes:

- 1) Multifrequency Convex Probe with scan width of 50 mmR and frequency from 1 to 5 MHz.
- 2) Multifrequency TV/TR Probe with 210deg Scan angle and frequency from 4 to 9 MHz.
- 3) An adult cardiac probe with 1 to 5 Mhz frequency with 90 deg scan angle.
- 4) Multifrequency Linear Probe frequency from 5 to 10 MHz

Consignee Details

M/s. Samsung India Electronics Pvt. Ltd.		
USG Machine		
Make & Model : Samsung Medison & HS50		
Delivery Period	12 weeks	
PO Reference No.	No.: 2912 /Haffkine /Procurement Cell / E-1814/USG Machine /2019-20 Date: 14/02/2020	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Government Medical College, Baramati.	01
Total:		01



(Dr. Rajesh Deshmukh)

Managing Director

Haffkine Bio Pharmaceutical Corporation Ltd.

(Procurement Cell), Mumbai.