



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

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 E-mail: procurementcell@vaccinehaffkine.com

No.: 140 / Haffkine/Procurement Cell/E-229/
 Ultrasonography Machine/ Repeat Order/2018-19
 Date: 25.06.2018

To,

M/s. Samsung India Electronics Ltd.

2nd, 3rd, 4th Floor, Tower- C, Vipul Tech Square,
 Golf Course Road, Sector-43, Gurgaon-122 002

Email: m.bhatt@samsung.com, a.chahal@samsung.com

Sub.- Repeat Order for Supply of Ultrasonography Machine

Ref: - 1. Tender No. E -229/DHS/ Ultrasonography Machine /P.C/2015-16

2. Sanction of Tender Approval Committee Meeting Dated 14.03.2018

**3. Supply order no. 50/Haffkine/Procurement Cell/E-229/Ultrasonography Machine/
 2017-18 dated 26.12.2017**

With reference to the tender cited under reference no 1 and supply order with reference no. 3, you are requested to supply the following goods as repeat order as per details mentioned below to consignee list enclosed with this order.

Sr. No	Name of the item	Specification of item	Quantity	Unit Rate inclusive of GST (Rs.)	Total Amount Rs.)
1	Ultrasonography Machine	As per Annexure I	8	12,50,000	1,00,00,000/-
Total amount in words: Rupees One Crore only					

- Packing & Forwarding:** As Per Annexure C Of Tender Document enclosed herewith & Forwarding Free on Road Destination. i.e. door delivery basis
- Delivery Period:** 45 days from the date of receipt of order by the supplier to the consignee attached.
- 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.
- Payment Terms** :: 100 % Payment shall be paid on receipt & acceptance of stores in good conditions by the consignee
- 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. Bar-coding should be on boxes of Supplied item at Consignee level.
- Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- Delivery Challan** - Should be sent in the name of consignee in duplicate. It should specify Name of Drugs/ Mfg. by / Expiry Date / packing & quantity.
- Invoice Copy** - Should be sent in triplicate on the Name of Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd.(Procurement Cell), Mumbai
- Other Terms** :: As per Tender terms & conditions


- 10 **Contract Agreement** : Bidder should submit Contract Agreement on Rs 200/- non-judicial stamp paper.
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.

- 11 The Bidder should submit demand draft (within 7 days) amount of **1.5% ie.Rs. 1,50,000/-** of order value to meet expenditure of sample testing fee and other incidental expenditure.

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


22/06/18

(Sampada Mehta)
Managing Director

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

- Copy to:** 1) Commissioner Health Services, Mumbai.
2) Director of Health Services
3) Account Manager , Haffkine Bio Pharmaceutical Corporation Ltd.(Procurement Cell), Mumbai.
4) Office File.

Copy to: Medical Superintendent (Concerned)

They should accept Drugs as per order & entry of the stock is to be taken in stock register as well as in e-Aushadhi.

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

Annexure -I

Ultrasonography Machine.

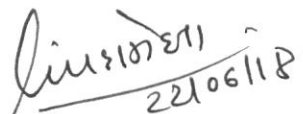
Sr. No.	Technical specifications
	SPECIFICATION FOR ULTRASONOGRAPHY MACHINE.
1	System must be a state of the art model & have all digital beam former technology with super computed processing and clinically proven imaging technologies.
2	System should be offered with the following applications: abdominal, obstetric/gynaec, small parts, musculoskeletal, TCD, vascular, cardiac.
3	System should be offered with a minimum of 60,000 digital processed channels per image frame.
4	System must be offered with frequency compounding facility. Other equivalent technology can also be offered.
5	System must be offered with Speckle Reduction Imaging: - image processing technique to remove speckles & clutter artifacts.
6	Should have state of the art Transmit Real Time Compound Imaging Technology.
7	System must be offered with a very high dynamic range of atleast 170db to pick up subtle echoes.
8	Frequency processing facility for the transducers should be 1-12 MHz. This must be available without the need for frequency switching.
9	Must have atleast 3 Active Integrated Transducer Ports with electronic switching.
10	System must be offered with an acquisition frame rate of atleast 750 frames/second.
11	Must be offered with a single button control for automatic optimization & adjustment of TGC and Receiver Gain.
12	System must be offered with a single button control for automatic optimization & adjustment to achieve uniformity of Colour Gain/Spectrum for faster scans.
13	System must be offered with a single button control for automatic optimization for uniformity of Spectral Doppler.
14	System must be offered with 2D, M-mode, Colour M-mode, Colour flow, Pulse Wave Doppler and Colour Power Doppler.
15	Triplex Imaging should be standard on the system.
16	The system should have atleast 30 user programmable parameters.

Sr. No.	Technical specifications
17	The system should have atleast 100 seconds of Clip storage facility.
18	The system shall offer both Trapezoid and Panoramic imaging.
19	System should allow for live image & archive images side-by-side or quad display on a single monitor. This display shall allow any type of image on either side.
20	The system should provide scan depths from a minimum of 2cm or less to a maximum of 30cm or better.
21	User Interface <ol style="list-style-type: none"> On/Off task light & backlit illumination of control panel. Easily accessible, full size qwerty keyboard for text entry, functional keys & system programming. Thumbnail menu provides on-screen thumbnails of images and dynamic clips during exams.
22	Monitor <ol style="list-style-type: none"> System must be offered with an above 19-inch high resolution, flat panel, medical grade monitor with wide viewing angles & good colour resolution. Resolution: 1024X768 pixels or better.
23	Internal hard disc of 250 GB or more. Image storage as raw data and DICOM images. Conversion to JPEG, AVI and MPEG file formats available.
24	Should have facility to transfer images to an integrated DVD writer, without any interfacing.
25	Raw Data Processing: <ol style="list-style-type: none"> The system shall allow for post-storage image manipulation Doppler Gain, Angle Correction, Doppler Base Line, Sweep Speed and Inverted Spectral Waveform. System should provide a display zoom function on frozen images. System should have the facility of performing measurements and annotations on stored images.
26	1. Cine Function: <ol style="list-style-type: none"> Cine Review upto 1200 frames. Independent cine review in 2D/ M, 2D/ Doppler, 2D/ C/ Doppler etc.
27	Measurements & Calculations: <ol style="list-style-type: none"> All general measurements & calculations for all applications with digital calipers for distance, area, volume, circumference and Doppler Waveform parameter measurements. Customizable anatomy description.
28	TRANSDUCERS: <ol style="list-style-type: none"> The system must be provided with the following transducers:- <ol style="list-style-type: none"> 2-5 MHz Broadband Curved Array Transducer. 4-9 MHz Broadband Tightly Curved Endocavitary Array Transducer with minimum 140-degree field of view, but if bidder has larger angle available must supply that. 5-12 MHz Linear Array Transducer. 2-4 MHz Broadband Phased Array Adult Echo Transducer for with CW Doppler. Complete cardiac package. Compound Imaging & Doppler Mode should be available on all probes. Doppler cursor shall be user-steerable with linear transducers. Tissue Harmonic Imaging function is Optional for Endocavitary probe.
29	Upgradeable to 4D (Minimum-30 vps)

Sr. No.	Technical specifications
30	System Power : 200-240V, AC, 50Hz.
31	The system should have DICOM 3.0 (minimum) as standard. (DICOM ready system)
32	System Interface: 1 no. Ethernet connectivity; 2 no.s RS 232C Serial port Connector, 2 nos. USB 3.0 Port; & AC Main outlet.
33	DICOM PUSH/ QUERY/ RETRIVE. Connectivity to RIS/PACS/HIS.
34	System should be supplied with the following peripheral devices: a) 3KVA Online UPS. b) USB Colour Laser Printer of reputed brand with built in image management Software.
35	FDA & CE (Should be from Notified Body) approval.
36	Volume probe should be quoted separately.

Annexure – II
Consignee of Ultrasonography Machine

M/s. Samsung India Electronics Ltd.		
No.: 140 / Haffkine/Procurement Cell /E- 229 / Ultrasonography Machine/ Repeat Order/ 2018-19		
Date: 25.06.2018		
Delivery Period : 45 days		
Sr.No.	Name of Consignee	Quantity
1.	Women Hospital, Baramati, Dist. Pune	1
2.	Women Hospital, Basmat, Dist. Hingoli	1
3.	Women Hospital, Osmanabad	1
4.	General Hospital, Malad-Malvani, Dist. Mumbai	1
5.	Sub-District Hospital, Baramati, Dist. Pune	1
6.	Sub-District Hospital, Kodoli, Dist. Kolhapur	1
7.	Services Hospital, Kolhapur	1
8.	Colony Hospital, Gandhinagar, Dist. Kolhapur	1
Total		8


(Sampada Mehta)
Managing Director
Haffkine Bio Pharmaceutical Corporation Ltd.
(Procurement Cell), Mumbai