



मन्यमं चयते

Government of West Bengal
OFFICE OF THE SUPERINTENDENT
Naihati State General Hospital

P.O:-NAIHATI, PIN-743165, DIST - NORTH 24 PARGANAS
Ph No.:(033)2581-2933, e-mail id :- naihatishg@yahoo.in

Date:22/08/2016

No.:NSGH/723

NOTICE

Sub:- Expression of interest for supply One Ultrasonography machine & other Medical Equipments at Naihati S.G.Hospital, North 24 Parganas.

Naihati State General Hospital, North 24 Parganas invites eligible bidders for quotation to supply One Ultrasonography machine and other Medical Equipments which will be procured through M P Lad fund. The Specification of Ultrasonography machine & list of other Medical Equipments are enclosed for your ready reference.

The terms & condition are also attached herewith.

Last date of Submission: 14/09/2016 upto 4.00 P.M. & Date of opening: - 19/09/2016 at 2 P.M. at the Office Chamber of the Undersigned.

- Encl :-1. Specification of Ultrasonography machine (From Page-1 to 4).
2. List of other Medical Equipments (Page-5).
3. Terms & Condition (Page-6).


Sd/-
Superintendent
Naihati State General Hospital
North 24 Parganas

Date:22/08/2015

Memo No: NSGH/ 723/1(9)

Copy forwarded for information & n/a please:-

- ✓ 1. The District Magistrate, North 24 Parganas with a request to display this on Notice Board.
2. The Chief Medical Officer of Health, North 24 Parganas with a request to display this on Notice Board.
- ✓ 3. The District Information Officer, NIC, North 24 Parganas with request to **upload this notification at the "north24parganas.gov.in" along with "enclosure" attached herewith.**
4. Shri Dinesh Trivedi,, Hon'ble MP, 15-Barrackpore PC.
5. The MLA, Naihati Constituency.
6. The SDO, Barrackpore Sub-Division with a request to display this on Notice Board.
7. The ACMOH, Barrackpore Sub-Division with a request to display this on Notice Board.
8. The Chairman, Naihati Municipality with a request to display this on Notice Board.
9. Office Copy


Superintendent
Naihati State General Hospital
North 24 Parganas

Subject: Usg machine specifications
From: Gargi Singhamahapatra (gargisinghamahapatra@gmail.com)
To: naihatisgh@yahoo.in;
Date: Tuesday, 2 August 2016 10:17 PM

To
The Superintendent
Nsgh

Respected Madam,

Attached herewith is the specifications for usg machine.

COLOUR DOPPLER ULTRASONOGRAPHY MACHINE WITH THREE PROBES - curvilinear, linear and intracavitary. *Ubc*


At least three years of maintainance contract beyond manufacturer warranty required.

Attachments

- Document 1.pdf (65.14 KB)

Gargi Singhamahapatra
MO (Radiology)

Radio Logist
Naihati State General Hospital
Naihati, North 24 Parganas


Superintendent
Naihati State General Hospital
Naihati, North 24 Parganas
Govt. of West Bengal

Technology : Fully digital beam-former capable of operating in B, M, Doppler Color flow and Power Doppler modes with full range of measurement and calculation packages.

Transducers/ Probes Technology /Capabilities : Broad band electronic transducers having Curved, Convex Array with sector, Linear Array and Intra-Cavitary applications.

Monitor Type : 15-inch or more high-resolution color monitor/LED mounted on an articulating arm with side to side, forward & backward movements, tilt & swivel with excellent image viewing, workflow and productivity.

Key Board : Alphanumeric keyboard: QWERTY keyboard. Illuminated & soft keys for ease of use. Integrated backlit illumination for ease of use and use in darkened areas. It should have height adjustment and side to side rotational facility.

Probe Connectors : The system should have minimum three active & universal probe connectors i.e., any probe can be connected to any port.

High mobility cart for easy maneuverability.

Applications :

Obstetrical

Gynaecological and fertility

General Abdominal

Genito urinary and trans abdominal pelvic

Vascular: cerebrovascular, peripheral

All Small Parts including Breast & Thyroid, Scrotum & testis

Intra cavitory: trans vaginal & trans rectal.

Modes : Gray scale Imaging: B, B+B & 4B

M-Mode: With variable 2D & M display size using single key operation


Anatomical M-mode should be available

Spectral :

1. PW, HPRF & Steerable CW Doppler, with wide PRF range
2. Selectable PW Doppler Frequency
3. Selectable sample size
4. Wide range of "Gate" size

Colour Flow Mode:

1. Various Maps for Velocity & Velocity- Variance
2. Variable Electronic Steering with linear probes
3. Power Doppler (Various Maps)


 Superintendent
 Naihati State General Hospital
 Naihati, North 24 Parganas
 Govt. of West Bengal


 Radio Logist
 Naihati State General Hospital
 Naihati, North 24 Parganas

4. Spectral Doppler
5. Tissue Doppler

Image : In built image management system with 2D gain/ edge enhancement, reject level and contrast/ brightness modification. System should have reduction of motion artifact.

Zoom Facility : Read & write Zoom facility with full screen zooming facility. Zooming facility should be available on real time and frozen images.

Transmit Focusing : Adjustable Multiple level Focusing Zones facility. Focussing should be dynamic with auto aperture control and beam steering.

Image processing : To be controlled by automatic/ digital TGC, split band non-linear method and post processing.

Cine Loop Frames: Min. 500 B/W frames max. up to 8 min. Frames with continuous as well as Frame by frame loop review.

On-screen display of all pertinent imaging parameters for complete documentation, including: transducer type and frequency range, active clinical options and optimized presets, display depth, TGC curve, grayscale, color map, frame rate, dynamic range, compression and contrast enhancement, color gain, color image mode, and hospital and patient demographic data.


Scan depth : Ranging from 2 cms to 30 cms. Higher depths will be preferred.


General Measurements & Advance Calculation packages:

Should have comprehensive measurements, calculations and application specific reports, extensive Advanced Calculation packages & General Measurements for B-Mode, M-mode & Doppler with a possibility for making a preset for each application having interested calculations only. Any calculation package not supplied with the system should be supplied by the farm if needed by the user later within the warranty period.

Measurements should be possible on frozen images and also on recalled images from the archive.

Functions for Doppler Studies: Should have user selectable parameters for PRF, Wall Filters, Sample Size, Velocity, Frequency, Angle


 Superintendent
 Naihati State General Hospital
 Naihati, North 24 Parganas
 Govt. of West Bengal


 Radio Letter
 Naihati State General Hospital
 Naihati North 24 Parganas

Corrections, Dynamic Range & post processing. Auto RI & PI online calculation.

Auto Report Generation.

Memory Storage/ Data Management:

System should be capable of storing Images in the form of jpeg/bmp and live video clips recording in the form of AVI format.

The stored images and loops should have review facility within the system and also by exporting the images and loops through USB storage device on a different PC.

USB port: Multiple USB ports in the Machine must be provided to transfer Images.

HDD capacity : Should be 80 GB or more.

UPS : 2 KVA Online UPS of a standard form (Please mention make). Separate warranty for UPS must be provided.

Probes & Software Application for Radiology - To be quoted

All transducers should be electronic. Tissue harmonic facility should be available, preferably in all the probes

Convex probe : 2 to 6 MHz broad band probe, of at least 60 degree radius (wider range will be preferred).


Linear probe : 4 to 12MHz Curved array Broad Band probe (wider range preferable).

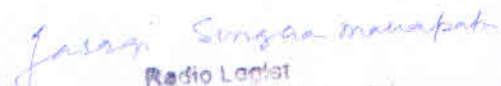
Intra-Cavitary probe : 4 to 8MHz Broad Band probe with more than 140° F.O.V. (wider MHz and FOV is preferred). Diameter should be narrow.

FDA/IS/CE (European) certification is essential. FDA will be preferred over others.

256 (8-bits) in 2D, M-mode and Doppler spectral analysis

Greater than 230 frames per second in High Frame Rate mode (dependent on transducer, field of view, depth and angle)


Superintendent
Naihati State General Hospital
Naihati, North 24 Parganas
Govt. of West Bengal


Radio Logist
Naihati State General Hospital
Naihati, North 24 Parganas



सत्यमेव जयते


Government of West Bengal
OFFICE OF THE SUPERINTENDENT
Naihati State General Hospital

P.O:-NAIHATI, PIN-743165, DIST - NORTH 24 PARGANAS
Ph No.:(033)2581-2933, e-mail id :- naihatisgh@yahoo.in

Page No.05

List of Medical Equipments :-

1. Electro cautery Machine
2. Head Mirror
3. Spot Light (Standing)
4. Adjustable Labour Table
5. Pulse Oxymeter
6. Dilatation & Evacuation Set
7. Electrical Dental Chair with Unit.
8. Domestic Refrigerator (180 Ltr-Single door)
9. Fogger Machine


Superintendent
Naihati State General Hospital
North 24 Parganas



Government of West Bengal
OFFICE OF THE SUPERINTENDENT
Naihati State General Hospital

P.O:-NAIHATI, PIN-743165, DIST - NORTH 24 PARGANAS
Ph No.:(033)2581-2933, e-mail id :- naihatisgh@yahoo.in

Page No.06

**Terms & condition for supplying Quotation of USG Machine & Others
Medical Equipment at Naihati S.G.Hospital:-**

One Packet for Technical Bid containing following items:-


1. Copy of PAN Card with authorized signature.
2. Copy of P Tax Registration Certificate with authorized signature.
3. Copy of VAT Registration Certificate with authorized signature.
4. Copy of Trade Liscence with authorized signature.
5. Copy of I T Return of Last 3(three) years with authorized signature.
6. Copy of Vat Return for Last Qtr with authorized signature.
7. Quality assurance certificate like ISO9000/CE/FDA series should be enclosed wherever applicable with authorized signature.
8. Copy of Experience Certificate with authorized signature.

One Packet for Financial Bid containing following items:-

1. Use separate sheet for the rate of the each item.
2. The rate should include installation & demonstration charges.
3. The guarantee period should be mentioned.
4. The rate should be submitted in Indian rupees.

Others Terms & conditions :-

1. The selected bidder will have to supply within specific time schedule as mentioned in the order copy.
2. After sales services will be provided by the supplier during guarantee / warranty period of the equipment.
3. No objection in this respect will be entertained when raised by any bidder who will be present during opening of bid, or from any bidder who will absent at the time of opening of Technical & Financial Bid.
4. During the scrutiny, if it comes to notice to tender inviting authority that the credential or any other paper found incorrect / manufacturer & fabricated, that bidder would not be allowed to participate in the tender and that application will be out rightly rejected without any prejudice.


Superintendent
Naihati State General Hospital
North 24 Parganas