INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA, PATNA-14.
(A Super specialty Autonomous Institute of Govt. of Bihar)

Tel.: 0612 – 2297631, 2297099, Fax: 0612 – 2297225, Website: www.igims.or

28/2/18

1571 91

Following amendment is made herewith in the E-Tender Notice No. 17/2017-2018 / Bio Medical -Equipment// IGIMS/STORE.

1: **Outcome of the pre-bid meeting .**

2: **The Last date & time for uploading tender: 20.3.2018 up to 17 hours**

3. Last date & time for submission of completed bidding documents *(technical bid only) is 21.3.2018 **at 11.AM.**

4: Date of opening of technical bid only **on 21.3.2018 at 15.00 hours** in the conference hall of the Institute

Other terms and conditions will remain the same.

Sd

Store Officer Cum Procurement Consultant
I GIMS, Patna

Ref. No. 1571 Store **Dated** 22/2/2018

Copy forwarded to Sr. Biomedical Engineer for uploading at the Institute website .

Store Officer Cum Procurement Consultant
I GIMS, Patna

Sushant

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Proceeding of the Pre- bid meeting held on 19 /02/2018 at 12.00Noon in the Conference hall IGIMS, Patna regarding discussion and suggestion given by the Prospective bidders in the pre-bid meeting on technical specification , terms & conditions for supply, Installation commissioning of different kinds of Biomedical Equipments at IGIMS, Patna against Tender Notice no 17/2017-18/Biomedical Equipment/IGIMS/Store.

Members Present:-

1: **Dr.Santosh Kumar**
Prof.& Head, deptt. of Orthopedics
IGIMS, Patna

2. **Dr. Naresh Kumar**
Prof.&Head,deptt. of Medicine
IGIMS, Patna

3.. **Dr.Sanjay Kumar Suman**
Prof.& Head ,deptt. Of Radiology
IGIMS, Patna

4. **Dr. P K Jha**
Addl. Prof. Deptt. Of General Surgery
IGIMS, Patna

5.. **Dr. Sanjay Kumar**
Associate. Prof. Dentistry
Representative of HOD dentistry

6. **Dr,Bhawna Tiwari**
Asstt. Prof. Reproductive Biology
IGIMS, Patna

7. **Dr. Khalid Mahmood**
Assoc. Prof. Urology-IGIMS Patna

8. **Sri Birendra Singh**
SO Cum Procurement Consultant
IGIMS ,Patna .

9. **Smt. Nupur Singh**
Asstt. Nursing Superintendent
IGIMS, Patna .

During the course of discussion , proposal were put up by prospective bidders before committee for consideration/ amendments . After details discussion, the details of amendments are as under:

Group-A (Radiology)

Digital Radiography System.

Tender Specifications	**Amendment specification**	Remarks
Detector: Size- more than 43 x 43 cm for wall stand and more than 43 x 35 cm for table panel.	Size-42 x 42 cm or more for wall stand and 42 x 35 cm or more for table panel.	
DEQ of detector system should be more than 65% or more at zero line pairs.	DEQ of detector system should be 65% or more.	
The console should also have the functionality/tool to correct radiographic magnification on the image.	Deleted	

b: Modification in Mammography Machine:

Tender Specification	Amendment specification	
Sr. no 6- Digital Acquisition System: Should provide 3MP 19" medical grade LED/LCD monitor with high luminance.	 Should be provided with 2MP or more 19" medical grade LED/LCD monitor and 1 x 2MP monitor with luminance	
Sl no-2 Anode heat storage capacity -200 KHU or more	Anode heat storage capacity -150 KHU or more	
Sr. no -3 Gantry: The angle of the C-arm movement should be at least **+180 to -180 deg** Following paddle one each should be supplied as slandered- a. Small paddle- 18x24 cm b. Large paddle – 24x30 cm	 The angle of C - Arm movement Should be +180 to – 180 degree **+. 30 degree** Following paddle one each should be supplied as slandered- Small paddle- 18x24 cm **+- 1 cm** Large paddle – 24x30 cm **+- 1 cm**	
Sr No- 5 Flat panel detector Size at least 24 x 30 +/- 1 cm and pixel size should be 90 micrometer or less.	Size at least 24 x 30 +/- 1 cm and pixel size should be **100 micrometer or less.**	
Sr. No-8 Tomosynthesis: Tomosynthesis scan angle should be **25 degree** or more	 Tomosynthesis scan angle **should be 15 degree or more**	
Sr. No -11 Others The Digital mammography unit with all features as per specification as well as stereotactic system and Tomosynthesis should be **European CE / US FDA** approved. An automatic servo stabilizer of suitable capacity	 The Digital mammography unit with all features as per specification as well as stereotactic system and Tomosynthesis should be European CE & US FDA approved with the model number print deleted	
Addition	Any US FDA approved vendor neutral, DICOM compatible Breast Density software.	

C: Digital subtraction angiography (DSA) system

Tender specification	Amendment specification	
Gantry: System should allow access to the patient from both side of table	System should allow access to the patient from **left & right side** of table	
X-Ray Tube: 1. Focal spot – 1.0 mm or less and 3.0 mm or less 2. Anode heat storage capacity should be 3.0 MHU or more	Small focal spot should be 0.6 mm or less and large focal spot should be 1 mm or less. Anode heat storage capacity should be 2.4 MHU or more	
Flat panel detector: Digital flat panel detector with special resolution and 16 bite contrast resolution. Dimension should be 42 cm (diagonal) or more.	Digital flat panel detector with high special resolution and 16 bite contrast resolution. **Dimension should be 48 cm (diagonal) or** more in size for interventional radiology applications.	
Monitors The monitor in examination room should be ceiling suspended and should be possible to position it left or right of patient table. Two high grade monitor of at least 8 MP with PIP facility to display live and reference images from each plane, patient hemodynamic monitoring, 3D images, CT images or IVU images.	The monitor in examination room should be ceiling suspended and should be possible to position it left or right of patient table. 19" high resolution Four (04) monitors in Examination room to display live, reference, 3D and Hemodynamic display simultaneously	
	One 2000watt vacuum cleaner should be provided for the cleaning of room.	

Group-B Ultrasound (High End Color Doppler)

Tender specification	**Amendment specification**	
4. The system should have 50000 or more digitally processing channel.	The system should have 200000 Or more digitally processing channel.	
9. 2D fram rate should be more than 1000/s.	2D fram rate should be more than 1600/s	
. System should have CE or FDA(US) approval.	. System should have European CE and FDA(US) approval.	

Group-E(Saline TURP with Electro Cautery)

Tender specification	**Amendment specification**	
Cystoscopy sheath, 22.5 Fr.	**Cystoscopy sheath, 19.5 Fr.**	

Group-F(Cochlear Implant)

Tender specification	**Amendment specification**	
21. US-FDA approved Warranty	21. US-FDA approved System	
18.US-FDA approved Warranty	18. US-FDA approved system	
21.Should quote I year warranty for cables	21,. Should quote I year of cable required to be replaced.	

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