

AMENDMENT NO.10

Dated : 17.06.2016

Ref.: Tender No. HSCC /SJH /Med. Eqpt. /2015/16 dt 12.04.2016

Existing as :

Sl. No.	Description	Schedule
i.	Closing date & time for receipt of Tender	17.06.2016, 1430 hrs IST
ii.	Time and date of opening of Techno - Commercial tenders	17.06.2016, 1500 hrs IST

To be read as:

Sl. No.	Description	Schedule
i.	Closing date & time for receipt of Tender	28.06.2016, 1430 hrs IST
ii.	Time and date of opening of Techno - Commercial tenders	28.06.2016, 1500 hrs IST

ITEM NO. 1

3 Tesla MRI UNIT

Existing as: A fully digital RF system capable of transmitting power of at least 25 KW or more **DUAL RF Power** amplifiers. System should be capable of Multi Transmit with Multi amplifier driving for better B1 homogeneity

Amended as 'A fully digital RF system capable of transmitting power of at least 25 KW with a single or combination of RF power amplifiers to reduce magnetic susceptibility effects for better B0 homogeneity. Specify transmitter frequency range.'

Added Point in EPI Mode: Complete Functional MRI of Brain package as standard. It should be a non-goggle based system.

19. **Existing as:** 5 years guarantee with 98% uptime maintenance clause of complete MRI system along with all accessory equipment supplied against the order including turn key works i.e. Camera, AC, Chiller, UPS etc. The warranty should start from the day of Complete satisfactory installation of equipment. The warranty will be extended by double the down time in excess of 2%. A clear cut undertaking to be given regarding Acceptance of uptime clause by the principal/vendor.

Amended as: 5 years guarantee with 98% uptime, 24×7×365 day maintenance clause of complete MRI system along with all accessory equipment supplied against the order including turn key works i.e. Camera, AC, Chiller, UPS etc. The warranty should start from the day of complete satisfactory installation of equipment. The warranty will be extended by double the down time in excess of 2%. A clear cut undertaking to be given regarding acceptance of uptime clause by the principal/vendor.

Item No. 2 Digital Flat Panel Radiography System

Existing as: Fully digital radiography system with proven two Flat panel detectors with Cesium Iodide Scintillator and with Automatic Exposure control (AEC) capable of performing exposure in vertical, horizontal and oblique positions to perform all skeletal body (Upright and Lying down) radiographs. The unit should be completely integrated (X-ray Generator and tube should be same manufacturer) along with auto features in quality control & performance, AEC, APR, Auto position of detector for under couch & vertical studies

Mention the year of introduction of the quoted model in the International market and the quoted Model should be latest state of Art technology

Amended as: Remove x-ray generator and tube should be from same manufacturer.

Item No. 3 HIGHENDDOPPLERULTRASOUNDUNITWITHBIOPSY

Existing as: 1. The system should be latest state of the art **high-end** with full digital technology and should be for the whole body applications which would include abdominal, peripheral vascular, small parts imaging such as Thyroid, Intra-cavity applications, etc. System should be trolley mounted.

Amended as : The system should be latest state of the art **high-end** with full digital technology and should be for the whole body applications which would include abdominal, peripheral vascular, small parts imaging such as Thyroid, Intra-cavity applications, etc. System should be trolley mounted. Biopsy attachment with all the transducer are required.

Existing as: 3. All transducers should have Broad Bandwidth technology for extremely high resolution imaging. Frequency range of Transducers should be 2-17 MHz or more. All transducers should have multifrequency selection (Preferably more than three).

Amended as: All transducers should have Broad Band Frequency.

Existing as: 4. The system should have 30000 or more digital processing channels

and the system should have 256 Grey Scale or more.

Amended as: The system should have 10,0000 or more digital processing channels and the system should have 256 Grey Scale or more.

Existing as: 6. The system should have a high dynamic range more than 180 dB.

Amended as: The system should have a high dynamic range more than 200dB.

10. **Existing as:** The System must have integrated high – resolution TFT/LCD/Single monitor of 19 Inches or more with tilt and swivel facility.

10. **Amended as:** The System must have integrated high – resolution TFT/LCD/Single monitor of 21 Inches or more with tilt and swivel facility.

17. **Existing as:** The system should have cine loop review facility in individual and mixed modes cine loop greater than 4000 frames and greater than 30 seconds of spectral Doppler and M mode. System should have 500 GB or more HDD.

Amended as: The system should have cine loop review facility in individual and mixed modes cine loop greater than 4000 frames and greater than 60 seconds of spectral Doppler and M mode. System should have 500 GB or more HDD.

Item no. 4 PORTABLE ULTRASOUND WITH COLOR DOPPLER SYSTEM

1. **Existing as:** The unit should be compact, lightweight and portable. Weight should not exceed 10 kg.

Amended as: The unit should be compact, lightweight and portable. Weight should not exceed 7.5 kg.

15. **Existing as:** Cineloop memory of minimum 10 seconds on all modes.

Amended as: Cineloop memory of minimum 180 seconds on all modes.

21. **Existing as:** Facility for storage on CDR should be available.

Amended as: Facility for storage on CDR & Pen drive should be available.

25. **Existing as:** Essential accessories: Black & White Thermal printer and color laser printer, UPS, mobile cart with transducer holder, jelly bottle holder and space for printer.

Amended as: Add also Essential accessories: 100 Rolls Black & White Thermal printer cart from principal manufacturer.

All other terms & conditions remains unaltered.

**Medical Superintendent
Safdarjung Hospital & VMMC,
New Delhi.**