

**Amendment-XI**

Ref.: Tender No. HSCC/SJH/ Med. Eqpt. /2016/23 dt. 25.10.2016.

Sub.: Procurement of Medical Equipment for New Emergency Block & Super-Specialty Block at Safdarjung Hospital, New Delhi.

Due to inadequate response of bid submission date for the item No. 4, 9 & 10 is extended from 18.01.2017 to 25.01.2017.

**TECHNICAL SPECIFICATION**

With reference to the above, please find below the technical amendments:

**ITEM No. 10**

**Amended BROAD BASED SPECIFICATION OF COAGULOMETER, AUTOMATIC**

- Fully automated stand alone coagulometer.
- Should be a BENCHTOP analyser thereby minimizing space requirements.
- Should be able to perform clotting, chromogenic and immunological tests.
- High throughput and rapid processing of STAT samples without the need to interrupt the analyser.
- Should be a random, continuous analyser with continuous loading of samples.
- Storage of calibration and their curves.
- Windows compatible software.
- Should be a touch screen analyser.
- More than 30 samples on board.
- More than 20 reagents on board.
- Barcode for samples and reagents.

The analyser should have USB capability.

- Should have more than 250 cuvettes on board capacity.
- Should have patient data base capacity of at least 900 samples.
- Patient results archiving.
- System should have electronic security.
- In built maintenance program should be present.
- Following facility of storage
  - a) Facility of storage of patient curves.
  - b) Should have automatic rerun and reflex programmes.
  - c) Should have an option for running parallelism for inhibitor studies.
- Equipment should be able to perform following parameters:  
PT, APTT, Fibrinogen, Free protein s, Protein C Chromogenic, Heparin LMWH and UFH, AT III, Plasminogen, Anit Plasmin, vWF Activity, DwRT Screen & Confirm, Silica Based LA, D Dimer (FDA for VTE Exclusion), APCRV,

Homocystine.

- Should provide calibration certificate for the hardware traceable to National or international calibration agency.
- Consumables for running of 2000 tests f PT, APTT to be provided along with the analyser.
- Compatible UPS with a 30 min supply backup to be supplied along with the equipment.
- 2 year warranty and after warranty 5 year CMC which will be included in the price comparison.
- Manufacturer/supplier should have ISO Certification for quality standards. Should be DA, CE, UL or BIS approved products.
- User/ Technical .Maintenance manual to be supplied in English.
- Certificate of calibration and inspection from factory.
- List of important spares and accessories with their part number and costing.
- Penalty Clause: Down time penalty clause. If the equipment is not repaired within 04 days of informing the company. 2% of the total cost will be charged as penalty for every 07 days.
- Rate of consumables and controls to be fixed for 5 years.
- Stand by technical operator for 24 x 7 operation for 05 years should be provided as needed.
- Demonstration of equipment by all the participant firms before finalization of technical specifications.
- Installation and demonstration at the place of working.

### **For :**

#### **Technical Specifications and Standards**

6.1 The Goods & Services to be provided by the supplier under this contract shall conform to the technical specifications and quality control parameters mentioned in 'Technical Specification' and 'Quality Control Requirements' under Sections VII and VIII of this document.

#### **For Radiology**

The equipment viz. CT Scan, MRI, Digital Radiography, Digital Radio Fluoroscopy, Ultrasound, X-Ray Machines etc. Should be DICOM 3.0 enabled & complied with HL7 (Health Level 7) Standards. DICOM 3.0 provides reliable protocols for integration of image data between imaging, non-imaging modalities, devices & systems.

#### **For Laboratory Equipment**

Equipment should be ASTM (American Society for Testing & Materials) compliant for integration of System Software with Lab. Records & Database.

Above standards are required for interfacing of equipment with PACS (Picture Archiving & Communication System) & HMIS (Hospital Management & Information System) during the computerization of the Hospital.

**To be read as:**

6.1 The Goods & Services to be provided by the supplier under this contract shall conform to the technical specifications and quality control parameters mentioned in 'Technical Specification' and 'Quality Control Requirements' under Sections VII and VIII of this document.

For Radiology equipment i.e. X-Ray, Ultrasound, MRI & CT-Scan etc.

a. Equipment should be DICOM (Digital Imaging and Communications in Medicine) enabled DICOM provides reliable protocols for integration of image data between imaging, non-imaging modalities, devices and systems.

b. Equipment complied with HL7 (Health Level Seven) standards

c. Capable to link with PACS & HMIS. Any Hardware/lock/software license required for interfacing with PACS & HMIS should be supplied with the equipment/device.

2. For Laboratory Equipment/device:

a. Equipment communicates in one of the following ways:

A. TCP/IP

B RS-232

C. USB

Any type of cable/hardware/lock/software/license required for integration with HMIS system should be provided.

Please provide configuration parameters to connect with HMIS successfully.

b. Data accepted/send by the device/equipment should be readable as standard data Type in ANSI C/C++.

c. Comprehensive list of all data structures imported and exported by the device should be documented with examples.

d. API of equipment should be provided.

e. Technical interface specification should be provided.

Above standards are required for interfacing of equipment with PACS & HMIS during the computerization of hospital.

**FOR:**

**SECTION – XIX  
AFFIDAVIT/UNDERTAKING**

I/ We have read and understood the instructions and the terms and conditions contained in the document. I/We accordingly accept all terms and conditions of the tender enquiry document including the essential conditions specially incorporated in the tender enquiry like terms of terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism

applicable law. I/ **We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities.** I/ We do hereby declare that the information furnished/ uploaded is correct to the best of my/our knowledge and belief. I/We hereby certify that the prices offered by us in this tender is not higher than the prices we had offered to any other Govt. of India Organisation(s)/PSU(s) during the last one year and shall provide the justification for reasonableness of our offered price whenever asked during evaluation of our submitted bid. I/ We also hereby certify that if at any time, information furnished by us is proved to be false or incorrect; I/ We are liable for any action as deemed fit by the purchaser in addition to forfeiture of the earnest money.

Date:

(Signature of the bidder)  
NAME & ADDRESS OF THE BIDDER

NOTE: To be submitted on non-judicial stamp paper of Rs. 10/- duly certified by Public Notary

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Date:

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NOTE: To be submitted on non-judicial stamp paper of Rs. 10/- duly certified by Public Notary

All other tender terms and conditions remain unchanged

Amendment to be issued will be uploaded on website [www.Tenderwizard.com/HSCC](http://www.Tenderwizard.com/HSCC)  
& [www.hsscltd.com](http://www.hsscltd.com)

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