

**Amendment No. 3****Date: 24/08/2016****Subject: Amendment to the Tender Enquiry Document****Ref: Tender Enquiry No.: HITES/PCD/RC-ME/03/2016 dated 20-07-2016 read with amendment no.1 & 2 dated 16.08.2016 & 17.08.2016 respectively.**

The following changes have been incorporated in the referred Tender Enquiry Document (TED).

**SECTION I  
NOTICE INVITING eTENDER (NIT)****Existing:**

Sl. No.	Event/ RFx no.	Item Name	Tender Fee incl. 5% VAT (in INR)	EMD (In INR)	Pre-bid Meeting Date and time	Last date & time for online submission of Tender	Last date & time for submission of Tender fee and EMD in physical form	Tender Opening date& time
43	3000001014	Mobile X Ray	1050	20,000	02.08.16 10:30 AM	08.09.16 06:00 PM	09.09.16 01:00 PM	09.09.16 02:00 PM
74	3000001047	Suction pump portable electric	1050	10,000	02.08.16 02:00 PM	15.09.16 06:00 PM	16.09.16 01:00 PM	16.09.16 02:00 PM

**Read as:**

Sl. No.	Event/ RFx no.	Item Name	Tender Fee incl. 5% VAT (in INR)	EMD (In INR)	Pre-bid Meeting Date and time	Last date & time for online submission of Tender	Last date & time for submission of Tender fee and EMD in physical form	Tender Opening date& time
43	Cancelled	Deleted	---	---	---	---	---	---
74	3000001123	Suction pump portable electric	1050	10,000	02.08.16 02:00 PM	15.09.16 06:00 PM	16.09.16 01:00 PM	16.09.16 02:00 PM

**SECTION VI  
LIST OF REQUIREMENT****Existing:**

Sl. No.	Event/ RFx no.	Item Name	Group	Required Warranty Period	Required CMC Period
43	3000001014	Mobile X Ray	Neonatal and Paediatric Care ICUs	3 years	NA
74	3000001047	Suction pump portable electric	Operational Theatres	3 years	NA

**Read as:**

Sl. No.	Event/ RFx no.	Item Name	Group	Required Warranty Period	Required CMC Period
43	Cancelled	Deleted	---	---	---
74	3000001123	Suction pump portable electric	Operational Theatres	3 years	NA

**SECTION VII**  
**Technical Specification**

**Schedule No. 5 Binocular Microscope**

**Existing Para.2.1-3: Objectives-**Parfocal, antifungus coated 4x, 10x, 40x and 100x (oil immersion) with **semi planner** achromatic correction. Objective should be well centred even if their position on turret is changed.

**Read as:- Objectives-**Parfocal, antifungus coated 4x, 10x, 40x and 100x (oil immersion) with plan achromatic correction. Objective should be well centred even if their position on turret is changed.

**Existing Para.9.2-Maintenance Tasks:** CMC 5 years 2 PM Visits Annually.

All Breakdown calls to be attended within 24 hrs of registration.

**Read as: - Maintenance Tasks: CMC 5 years 2 Preventive Maintenance Visits Annually. All Breakdown calls to be attended within 48 hrs for urban and within 72 hrs for rural areas, after registration of complain on 24X7 basis.**

**Schedule No. 9 Semi-Automated ELISA washer and Reader**

**Existing Para.1:** The device should be fully automated and easy to operate with 8 and 12 channel manifold.

**Read as: -** The device should be fully automated and easy to operate with **8 or 12** channel manifold.

**Existing Para 2.1: Microplate reader:**

2. Trichromatic Light source.

**Read as:- Para.2.1: Microplate reader:**

2. Halogen/Xenon Light source.

**Schedule No. 11 Urine Analyser**

**1. Existing Para 2.1. Technical characteristics (specific to this type of device)**

(3) Should have cloud based real time data functionality

**Read as: Deleted.**

**2. Existing Para 2.3. Software and/or standard of communication (where ever required)**

Communicates via SMS, WiFi/GPRS.

**Read as: Deleted.**

**Added Para:-**

- 1. The cost of strip will be taken for evaluation. The rate offered shall be fixed for two years from the date of price bid opening. For L1 calculation cost of 10,000 strips will be considered.**
- 2. The equipment should be provided with 100 strips.**
- 3. Should have Standard RS232C Port.**
- 4. Should have CE/USFDA Certified.**

**Schedule No. 15 ULTRASOUND MACHINE**

**Existing Para-2. (2.1):** Ultrasound scanner with integrated trolley with probe, soft touch alphanumeric key board with track ball.

**Read as: - Portable Ultrasound scanner with probe, soft touch alphanumeric key board with track ball. Trolley should be supplied to mount the machine on trolley and to keep accessories like probe, thermal printer etc.**

**Existing Para-3.1:** Dimensions (metric): Max: 400mm (L) x 300mm (W) 160mm (H).

**Read as: - DELETED.**

**Existing Para 3.2): Weight (lbs, kg) - Max: 17 lbs.**

**Read as: - DELETED.**

**Schedule No. 17 CR System**

**Existing Para.2.1-1:** Digitizer (CR) system should have capacity to process more than 70 or more cassette/films per hour of 14 X 17" size.

**Read as:-** Digitizer (CR) system should have capacity to process more than **60 or** more cassette/films per hour of 14 X 17" size.

**Existing Para.2.1-4:** Automatic cassette identification **through bar code reader.**

**Read as: -** Automatic cassette identification.

**Existing Para.2.1-6:** Gamma curves for multiple object intensity processing.

**Read as: -** Gamma Curves **or equivalent** multiple object intensity processing.

**Existing Para 3.4** Noise (in dBA) Noise-free system.

**Read as: - Deleted.**

**Existing Para 5.1 Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system)**

**V. Compatible computer System with 2 medical grade monitors.**

**Read as:**

**Deleted.**

**Existing Para 7.1. 6.** Certified to be compliant with IEC 61010-1-3,IEC 61010-1-2,IEC 61010-2- 54,IEC 61010-1-6 and IEC 62304.

**Read as: - Deleted.**

**Schedule No. 18 Mobile X-ray machine (HF)**

**Existing Para.2.1**– Radiographic KV: 40 to 110KV.

**Read as:-** Radiographic KV: 40 to **100KV** or more.

**Existing Para.2.1**-There should be a provision that the control should get of if no key is pressed for 10 Min.

**Read as: - Deleted.**

**Existing Para.2.1**-There should be cordless remote for exposure along with corded exposure switch.

**Read as: -** There should be a **hand exposure switch can operate remotely with a minimum cord of 3 meters or more.**

**Existing Para 3.2** Weights (lbs, kg): NA.

**Read as: - Total weight of the machine should be less than 250 kg.**

**Existing Para 5.1**- 2 No. lead aprons with thyroid shield, gonad shield and all protection attachments.

**Read as: -** 2 nos lead aprons with thyroid shield, gonad shield and all protection attachments. **(Should Be BARC Approved).**

**Schedule No. 24 ARTIFICIAL MANUAL Breathing UNIT (CHILD & NEONATAL)**

**Existing Para 2.1 Technical characteristics:-**

2. Child models (500 to 250 ml bag capacity);

**Read as: - 2.1 Technical characteristics:-**

2. Bag Capacity Sizes for paediatrics **600 ml** and for infant as **200 ml**

**Schedule No. 43 Mobile X-Ray**

**Item Dropped.**

**Schedule No. 45 ECG UNIT**

**Existing Para 1.1** Clinical purpose Continuously detect, measure, and display a patient's electrocardiogram (ECG) through leads and sensors attached to the patient.

**Read as:- 6 Channel ECG Machine with LCD Display** to detect, measure and Display of ECG graph through leads and sensors attached to the patient. Machine should have Interpretation software and should be supplied as standard.

**Existing Para 1.3 Overview of functional requirements:**

Operator can set audiovisual alarm levels for low or high heart rate.

**Read as:-Deleted.**

**Existing Para 2.1 technical characteristics (specific to this type of device):**

2. Heart rate trend display of at least previous 24 hours.

**Read as:- Technical characteristics (specific to this type of device):**

**Machine should have a storage capacity of atleast 100 patients.**

**Existing Para 2.2 Settings:** Audiovisual alarms required: **high and low heart rate (operator variable settings), cardiac arrhythmia**, sensor/wire disconnected, low battery.

**Read as: - Settings:** Alarms required: sensor/wire disconnected, low battery.

**Existing Para 4.2 Battery operated:** Battery powered, silence able alarm for power failure.

**Read as: - Battery operated:** Battery powered, **should have an indicator** for power failure.

**Existing Para 4.3:** Voltage corrector/Stabilizer.

**Read as:-Deleted.**

**Existing Para 5.1 Accessories:**

Minimum 3 channel required in ECG machine.

**Read as: - Accessories:**

**Deleted.**

**Schedule No. 49 Infusion Pump (Volumetric)**

**Existing Para 2.2-4:** Selectable occlusion pressure trigger levels selectable from 300, 500 and 900 mmHg.

**Read as: - Occlusion Pressure in the range of 150 to 900mmhg with min. 5 selective levels.**

**Existing Para 2.2-5:** Accuracy of  $\pm 2\%$  or better for set parameters.

**Read as: - Accuracy of  $\pm 5\%$  or better for set parameters.**

**Schedule No. 55 Pulse Oximeter**

**Existing Para: - Measurement** and display of haemoglobin oxygen saturation (SpO<sub>2</sub>).

**Read as:- Measurement and display of haemoglobin Oxygen saturation (SPO<sub>2</sub>) technology (Nellcor/Masimo).**

**Existing Para 1.3.** Overview of functional requirements Continuously displays patient oxygen saturation in real time using an external probe on the skin. Contains adjustable alarms to alert when either saturation or heart rate is low. Reusable, sterilisable probes are robust and easily connected and disconnected. Operates from mains voltage or from internal rechargeable battery.

**Read as:-** Continuously displays patient oxygen saturation in real time using an external probe on the skin.

Contains adjustable alarms to alert when either saturation or heart rate is low.

**Reusables, sterilisable (using medical grade disinfectant) probes are robust and easily connected and disconnected.** Operates from mains voltage or from internal rechargeable battery.

**Existing Para.2.1-g)** TFT Screen.

**Read as: - TFT Screen Size 5" or More.**

**Existing Para 2.1 h:** Plethysmograph (**may be in form of bar**) display is mandatory.

**Read as: -** Para 2.1h: Plethysmograph display is mandatory.

**Existing Para 2.3: Easily accessible touch button to operate the machine.**

**Read as: -** Easily accessible touch button/**Jog Dial/touch screen** to operate the machine

**Existing Para 4.3:** Voltage corrector/Stabilizer/UPS.

**Read as: - Deleted.**

**Existing Para 5.1 accessories** (mandatory, standard, optional) Two reusable probes each for adult, paediatric and infant use, Y Probes with clips for infant use and Forehead SpO2 sensors for detection of low saturation levels (less than 70%)/ lex probe with provision of fixation.

**Read as:-** 1. Reusable probes each for adult, paediatric and infant use - **1 nos each**  
2. Y Probes with clips for infant use and Forehead SpO2 sensors for detection of low saturation levels (less than 70%)/ lex probe with provision of fixation.- **1 nos each for reusable type or 20 nos each if disposable type.**

### **Schedule No. 57 Breast Pump**

**Existing Para-2.1-7:** Should be motorized breast pump units.

**Read as:-** Should be motorized breast pump units (**Electrical and battery operated**).

**Existing Para-2.3: Software and/or Standard of communications** (wherever required)-  
NA

**Read as:-** Software and/or Standard of communications( wherever required)- **NA/Inbuilt.**

### **Schedule No. 58 Examination Light**

**Existing Para.2.1.2.**Maximum illumination level at 1m distance to be at least 60000 lux.

**Read as:-** Maximum illumination level at 1m distance to be at **least 40000 lux.**

**Existing Para:- Para.2.1.4.** Minimum bulb life required 1000 hours (incandescent type) or 20000 hours (LED type).

**Read as:- Minimum bulb life required 20000 hours (LED type)**

#### **Schedule No. 59 EEG-ELECTROENCEPHALOGRAPHY**

**Existing Para.2.1-1:** Should be a 32 Channel digital EEG Machine, where 24 Channels for acquisition and storage, 5 Polygraph Channels and 3 DC Channels.

**Read as:- Should be a 32 Channel digital EEG Machine Including , 4 or more Bi-Polar Channels and 2 or more DC Channels.**

**Existing Para 2.1.28:** Should have infra red camera for night VEEG recording facilities.

**Read as:** Should have infrared Camera for **night vision.**

**Added Para :-1 Machine Should supply with - Desktop with Trolley (With minimum i3 processor, 4 GB RAM, 1TB HDD, Key Board, mouse, 19inch or more monitor, DVDRW, UPS, B/w Laser Printer and camera pole on trolley).**

#### **Schedule No. 83 Operation Table Hydraulic Major**

**Existing Para 2.1 technical characteristics (specific to this type of device)**

5) Should have reinforced three section stainless steel top.

8) Table top can be rotated 360° through base.

**Read as:- Technical characteristics (specific to this type of device)**

5.Should have reinforced **Five Sections S.S 304 top.**

**8) Table (eccentric positioned) should have castor wheels with brakes that would facilitate 360 degree movement of table at axis.**

**Or Table (centric positioned )top can be rotated 360° through base.**

**Existing Para 4.1 Battery operated Yes**

**Read as:- DELETED.**

**Existing Para 7.1 Certificates (pre- market, sanitary, ..); Performance and safety standards (specific to the device type);Local and/or international As per standard.**

**Read as:- It Should be European CE /USFDA.**

#### **Schedule No. 85 Gynae-Examination Table**

**Existing Para 2.1 technical characteristics (specific to this type of device)**

4) Adjustable Lithotomic Rods with rexine covered padded crutches.

**Read as: - technical characteristics (specific to this type of device)**

**4) Adjustable Lithotomic Rods (material: S.S 304) with rexine covered padded crutches and adequate straps.**

**Existing Para 3 Physical Characteristics**

3.2 Weight (lbs, kg) should be able to support patient weight up to 160 kg.

**Read as:- Physical Characteristics**

3.2 Weight (lbs, kg) Should be able to support patient weight up to 160 kg.(  
**Variation +/-10%).**

**All other contents of the tender enquiry including terms & conditions remain unaltered.**

**Note:**

- 1. Prospective bidders are advised to check the website regularly prior to the closing date and time of online submission of tenders.**
- 2. Prospective bidders may note that there will be no further change in timeline for submission of Tenders.**

*-- End --*