

Amendment No. 1

Date: 04.07.2015

Sub: Technical Amendment to Tender Enquiry Document

Ref: NIT No.: HLL/PCD/GNCTD/29/BSAH/15-16 dated 19.06.2015.

The following changes in the technical specifications have been authorised and incorporated to the mentioned items under the referred NIT.

Section – VII Technical Specification

Sl. No. 01 - Tissue Processor- Automatic

Added Para: (Under Description of Function)

‘The system should be floor standing type.’

Existing:

Para 3.3: Paraffin stations– Number: 3 (1.8- 2 litres each)

Read as:

Para 3.3: Paraffin stations– Number: 3 **or more** (1.8- 2 litres each)

Existing:

Para 3.4: - Programmable time per station: From 1 minute to 100 hours.

- Spiral agitation, Vertical agitation, and gentle spinning should be programmable.
- Program can be delayed start

Read as:

Para 3.4: - Programmable time per station: From **1 minute to 5 hours or more.**

- Spiral agitation / **Vertical agitation**, and gentle spinning should be programmable.
- Program can be delayed start.

Existing:

Para 3.10: Reagent change based on specific gravity of the first alcohol.

Read as:

Para 3.10: Deleted

Existing:

Para 3.11: Clear door/lid for viewing specimens during processing.

Read as:

Para 3.11: Deleted

Existing:

Para 4.3: Start-up consumables should be provided - :

- a) 12000 cassette with lids
- b) 12000 wax moulds
- c) Extra beakers – 02 nos.
- d) Tissue baskets - 02 nos.

Read as:

Para 4.3: Start-up consumables should be provided - :

- a) 12000 cassette with lids
- b) 12000 wax moulds
- c) Extra beakers/**Bottles** – 02 nos.
- d) Tissue baskets - 02 nos.

Sl. No. 02 - Weighing Machine For Dead Bodies

Existing:

Para b: Platform for keeping the body – should be sturdy, made of stainless steel, 14 gauge –size 6 feet x 2 ½ feet x 4 inch.

Read as:

Para b: Platform for keeping the body – should be sturdy, made of stainless steel, **18 gauge** – size 6 feet x **2 feet** x 4 inch.

Existing:

Para e: Should be able to perform under the most rigorous conditions of a mortuary conducting 15 post-mortem examinations per day measuring dead body weight ranging from 0 kg to 200 kg. Accuracy upto 25 grams.

Read as:

Para e: Should be able to perform under the most rigorous conditions of a mortuary conducting 15 post-mortem examinations per day measuring dead body weight ranging from 0 kg to 200 kg. **Accuracy should be ±200 grams.**

Sl. No. 03 – Centrifuge

Existing:

Para 4.1: centrifuge complete with swig and rotors and four buckets.

Read as:

Para 4.1: centrifuge **complete with swing and rotors.**

Sl. No. 06 - Autopsy Table (Down draft Ventilated Autopsy Table with integral Sink)

1. **Added (Under Para 10): Should be height adjustable electrically.**

Sl. No. 07 - Embalming Machine And Accessories

Added Para :

For injecting Formaldehyde solution in to Cadaverous at much higher speed than normal gravity process. Unit is fully covered & mounted on a portable trolley having four castor wheels for easy movement.

Unit consists of one air compressor fitted with 1/2 HP Crompton /AUE/equivalent make Motor which is connected with a Stainless Steel Tank of 10 liters capacity meant for storing and injecting the solution with built in level Indicator and top liquid filling nozzle with cap.

Tank is fitted with a safety valve, pressure gauge and rubber tubing having provision for injecting the solution. Supplied with 2 sizes of cannulae.

Suitable to work on 220 volts, 1ph 50 Hz, Ac supply.

Sl. No. 08 - DISSECTING MICROSCOPE

Existing:

Para 1: Eye piece: Straight binocular type wide field (10 x).

Read as:

Para 1: " Eye piece: Straight binocular type wide field (10 x) with **22 or better FOV**".

Existing:

Para 2: Optic carriers with five steps magnification.

Read as:

Para 2: Magnification **2.0X to 40X with 10X eyepiece.**

Existing:

Para 4: Objective 250mm f & 400 mm f.

Read as:

Para 4: Objective **1X or better.**

Existing:

Para 6: Halogen illuminations 150W with power supply.

Read as:

Para 6: Halogen illumination **100W or LED** with power supply.

Sl. No. 09 - Multi-Channel Physiograph

Existing:

Para 8: Transducers & couplers: Pressure, Plethysmography, strain guage Isotonic & Isometric Force. Respiration, Pulse, Surface Temperature probe, Biopotential Internal Temperature probe GSR Electrode, wireless HRV and any other needed for the measurement of the above parameters.

Read as:

Para 8: Transducers & couplers: **BP (Blood Pressure), volume plethysmography or fore arm plethysmography with volume amplifier and fore arm chamber and PPG transducer**, strain guage Isotonic & Isometric Force. Respiration, Pulse, Surface Temperature probe, Biopotential Internal Temperature probe GSR Electrode, wireless HRV and any other needed for the measurement of the above parameters.

Existing:

Para 9: Respiration, Pulse, Surface Temperature probe, Biopotential Internal Temperature probe GSR Electrode ; and any other needed for the measurement of the above parameters.

Read as:

Para 9: Respiration, Pulse, Surface Temperature probe, Biopotential **nasal temperature probe**, GSR Electrode; and any other needed for the measurement of the above parameters.

Sl. No. 10 - Spectrophotometer (Uv Visible Range)

Existing:

Para 1: Optical system- diffraction gratings.

Read as:

Para 1: Optical system- diffraction grating/**Monochromator**.

Existing:

Para 4: Absorbance range 0-3 Abs.

Read as:

Para 4: Absorbance range **±0-3 Abs.**

Existing:

Para 5: Band pass < 2 nm.

Read as:

Para 5: Band pass/**Bandwidth < 2 nm.**

Existing:

Para 8: Detector – silicon photodiode.

Read as:

Para 8: Detector – silicon photodiode (**2nos.**).

Sl. No. 11 - Elisa Reader with Micro Plate Washer

Existing:

Para 4: Should have wave length range of 340-750 nm 6 Filter 340 , 405 , 450 , 492 , 540 , 610 , 620nm with provision for fitting any additional filters.

Read as:

Para 4: Wave length range: **405nm -750nm.**

Existing:

Para 6: The control panel should have soft coloured touch screen display, capable of showing graph etc.

Read as:

Para 6: The control panel should have soft coloured touch screen display/**required keypad**, capable of showing graph etc.

Existing:

Para 11: Should have data memory of 300 plates.

Read as:

Para 11: Should have data memory of **10 plates.**

Existing:

Para 5: It should be capable of storing up to 75 user defined washing procedure.

Read as:

Para 5: It should be capable of **storing up to 60 user defined washing procedure.**

Existing:

Para 8: Should have soak time of 1-999 sec.

Read as:

Para 8: Should have soak time of **1- 250 sec.**

Existing:

Para 18: ‘This should be able to be used as “COOMBS WASHER” with vertical and horizontal movements performed with 0.1 mm steps.

Read as:

Para 18: **COOMBS WASHER with bottom washing with 0.1mm steps.**

Sl. No. 12 - Binocular Microscope (For Students)

Existing:

Para 2: Halogen / LED light source illumination with at least 25,000hrs life time.

Read as:

Para 2: **LED light source illumination** with at least 25,000 hrs life time.

Existing:

Para 4: Binocular observation tube with inclination of 45/30 degrees.

Read as:

Para 4: Binocular observation tube **with inclination of 30 degrees.**

Existing:

Para 8: Revolving Quadruple nose piece (for objectives).

Read as:

Para 8: **Freely revolving (Inwards & outwards)** Quadruple nose piece (for objectives).

Existing:

Para 11: Eye piece 10X with F.N. 18/20.

Read as:

Para 11: Eye piece 10X **with F.N. 20mm.**

Existing:

Para 14: Pointers fitted in eye piece – 1 no.

Read as:

Para 14: **Eyepiece fitted with pointer – 02 nos.**

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

Note:

- 1. Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of tenders.**