

Amendment-IV

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

**Tender No. HSCC/SJH/Medical Equipments/2015/2 dated 18.04.2014.**

The proposed reply of the queries received from the prospective bidders is as below for the kind perusal and decision of DGHS Technical Experts Committee of Microbiology:

S. No.	Tender Specifications	To be Read As
<b>Item No. 4</b>	<p><u>Ultra Centrifuge</u></p> <p>13. Machine should accept rotors of other makes.</p> <p>14. Fixed Angle Rotors of titanium with 8 places of 6.5 ml (100,000 rpm, 802,000xg) &amp; of carbon Fibre with 6 places of 13.5 ml (65,000 rpm, 324,000xg) &amp; of carbon Fibre with 24 places of 1.5 ml (50,000rpm, 280,000xg)</p>	<p>13. Deleted</p> <p>14. Fixed Angle Rotors of titanium with 8 places of 6 to 6.5 ml (100,000 rpm, 802,000xg) &amp; of Titanium or carbon Fibre with 6 to 12 places of 13.5 ml (65,000 to 70,000 rpm, 324,000 xg and more) &amp; of Titanium or carbon Fibre with 24 to 44 places of 6.5 to 1.5/2 ml (50,000 rpm, 280,000xg)</p>
<b>Item No. 8</b>	<p><u>Spectrophotometer</u></p> <p>3 Technical Specifications</p> <p>3.1 Spectral: Wavelength Range 190-1100nm Wavelength Accuracy: +/- 0.8 nm for full range Bandwidth &lt; 2.0nm Wavelength Reproducibility: +/- 0.5 nm</p> <p>3.5 Detection Mode %, Transmission and Absorbance</p> <p>4 System Configuration Accessories, spares and consumables</p> <p>3.5 ml. Cuvette – 1 pair</p> <p>5 Environmental factors</p> <p>5.3 The unit shall be capable of operating in ambient temp. of 20-30 deg. C and relative humidity of less than 70%.</p>	<p><u>Proposed changes</u></p> <p>3 Technical Specifications</p> <p>3.1 Spectral: Wavelength Range 190-800nm or more. Wavelength Accuracy: +/- 0.8 nm for full range Bandwidth &lt; 2.0nm Wavelength Reproducibility: +/- 0.5 nm</p> <p>3.5 Detection Mode %, Transmission and/or Absorbance</p> <p>4 System Configuration Accessories, spares and consumables</p> <p>2.0 ml. or more Cuvette – 1 pair</p> <p>5 Environmental factors</p> <p>5.3 The unit shall be capable of performing Enzymatic Kinetic Reaction of temperature of 20-30 degC</p>
<b>Item No. 9</b>	<p><u>Five Headed Microscope</u></p> <p>Para 1). Description of Function: Five head research microscope with projection facility is used for all tests in laboratory including research works requiring microscopic examination. The projection facility is required for post graduate students research teaching and conferencing in department.</p>	<p>Projection facility to have Camera, Software &amp; Computer System with following specifications:</p> <p><u>Scientific Grade Camera:</u></p> <p>Digital scientific grade CCD Camera capable of handling bright field, DIC, Phase contrast and Dark field images with 1/1.8" CCD of 3-5 MPIX resolution or better. Live display mode and binning mode should be available. USB 3.0 or FireWire connectivity. Compatible camera connecting cables and C-mount adapter to mount camera onto microscope.</p>

	<p>Para 3.4). Preset button for automatic light intensity level for photomicrography.</p>	<p><u>Image Analysis Software:</u> Compatible software for Image analysis, overlaying multiple image, automated multi-wavelength capturing, side by side image comparison, movie playback, snap/movie acquisition, and time lapse at specified interval, interactive measurement functions, object counting, extended depth of focus functionality. Four dimensional image acquisition.</p> <p>Microscope, Camera and software should be from one manufacturer. The camera should be control by Software from Microscopy Manufacturer.</p> <p><u>Computer Workstation:</u> Intel processor with 500 GB HDD, 4GB RAM, DVD Writer, 21-22" colour monitor, UPS, optical keyboard and mouse and additional 42" LED HD Monitor for projection facility.</p> <p>Camera with digital pc control, having Automatic exposure control, which means that camera will control it exposure/Aperture for getting optimum light to get the picture, with automatic increase/decrease the light intensity of microscope.</p>
<p><b>Item No.12</b></p>	<p><u>Auto Glass Washer</u> Refer point no. 3:With 40 programmes washing.</p>	<p>With 30-40 programme washing. The pump capacity should be minimum 350-400 liters/min for thorough cleaning and better results. The equipment should be European CE or USFDA Approved. The equipment should have process certification EN ISO 15883.</p>

**The revised date of submission of bids for the Item No. 4, 6, 7, 8, 9 & 12 is 05.6.2015.**

Amendment to be issued will be uploaded on websites [www.tenderwizard.com/HSCC](http://www.tenderwizard.com/HSCC) & [www.hscltd.com](http://www.hscltd.com).

All other tender terms and conditions remain unchanged.

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