

**Amendment no IV Dated 14.03.2018  
HSCC/PUR/PALI/03 dated 01.02.2018**

All bidders are requested to note the following for **Procurement of Medical Equipment for Rajasthan Pali:**

Item No	NAME OF THE EQUIPMENT	Last date & time sale/downloading of Tender document	Last closing/submission date & time for receipt of tender	Date of opening of Techno – Commercial bids.	Earlier date of opening	Amendment Status for opening date
1	Binocular Microscopes	21.03.2018, up to 13.00 hrs IST	21.03.2018, 14.00 hrs IST	21.03.2018, 14.30 hrs IST	19.03.2018	Date Extended with specification updation
2	Penta head Microscope					

<b>Tender Specifications item No.1 Binocular Microscope may please read as under:</b>		
<p><b>Binocular Microscopes (With Inbuilt Light Source),</b> The Stand shall be made of antirust and antibacterial materials. All optical components should be made of lead free optical glass and are antifungus coated. It should have corrected eyepieces with dual diopter adjustment The <b>Viewing Head shall be at</b> 45° inclined and 360° rotatable with IPD 54 – 74 mm <b>The Objectives shall be</b> DIN Semi Plan Achromatic 4X ,10X 40X &amp; 100X Oil and anti fungus treated <b>The Eyepiece with guard shall have</b> WF10X and FN 18 mm <b>It shall have LED Illumination of long working hours</b> <b>It shall have</b> Coaxial Coarse and fine focusing <b>The dimension of Mechanical Stage shall be</b> 130-135(W) X 120-125 (D) mm with low drive control Stage movement (XY direction) Quadruple revolving nose piece shall be there. <b>It shall have</b> Abbe condenser with N.A. 1.25 , with built-in daylight filter and Aperture iris diaphragm <b>Products should be CE / USFDA/CE/UL/ISO approved</b> Demonstration of the equipment may be asked prior to opening of financial bid</p>		
<b>Item No.2 Penta Head Microscope</b>		
<b>Tender Specification</b>	<b>Bidders request</b>	<b>Tenders Specification may Please read as</b>
Should have Teaching Head for five persons (Including the main observer) FOV20mm in all Heads.	Should have Teaching Head for five persons (Including the main observer) FOV23mm in all Heads..	As per tender technical specification
Should have dual color built in LED Pointer	Should have dual color built in LED Pointer with 360 degree rotatable.	As per tender technical

		specification
Should have Infinity corrected optical system upgradable to DIC, Fluorescence with atleast 6 Position or more.	Should have Infinity corrected optical system upgradable to Fluorescence with at least 6 Position or more. <i>"Kindly delete DIC"</i>	As per tender technical specification
Microscope should have ergonomic stand with atleast 12V50W Halogen Illumination or LED. System should have blue day light filter	Microscope should have ergonomic stand with LED Illumination (5W or more power consumption) with average life span over 50,000hrs or more. Microscope should have ergonomic stand with LED Illumination (5W or more power consumption) with average life span over 40,000hrs or more. <i>"Kindly delete 12V 50W halogen and blue day filters"</i> .	As per tender technical specification
Should have Wide Field Trinocular Observation tube with FOV 20mm & inclined at 30 degree or less.	Should have Wide Field Trinocular Observation tube with FOV <b>23mm</b> & inclined at 30 degree or less. Should have Wide Field Trinocular Observation tube with FOV 25mm& inclined at 30 degree or less.	As per tender technical specification
Provided with paired WideField Eyepieces, System should have at least 2 position 1X& 2X intermediate magnification changer to achieve total magnification of 2000X	<i>"Kindly delete this line"</i>	As per tender technical specification
Eyepiece Lens shall be 10X or higher/20mmFOV or higher with diopter adjustment facility in both.	Eyepiece Lens shall be 10X or higher / 23mmFOV or higher with diopter adjustment facility in both eyepiece. Eyepiece Lens shall be 10X or higher / 25mmFOV or higher with diopter adjustment facility in both eyepiece.	As per tender technical specification
Shall have Quintuple Revolving Nosepiece.	Shall have Sextuple Revolving Nosepiece.	As per tender technical specification
The Condenser shall be have bright Field Applications with NA 1.1 or better	The Condenser shall be have bright Field Applications with NA 0.9 or better	As per tender technical specification
Image Analysis System shall be - Digital Scientific Grade Camera (CMOS/CCD) 5 MpIX OR higher resolution Frame rate 5FPS at Full Resolution, Binning 2x2, 4x4,USB /Fire Wire interface with imaging software having features like image Stitching, measurement, extended depth of field, segmentation & count, image stacking, Time lapse Imaging, auto exposure & white balance	5.5 MpIX OR higher resolution, Chip size: CMOS: 6mm X 4mm / CCD: 2/3", Frame rate 20 FPS at 1024x 1024 resolution, Pixel Size 2.4 x 2.4 micrometre or better, 12bit, Quantum efficiency > 60%, Binning feature, USB 3.0 / Fire Wire interface with imaging analysis software having features like measurement, Counting, Time lapse Imaging, auto exposure & white balance. Image Analysis System shall be - Digital Scientific Grade Camera (CMOS / CCD) Microscope, camera and imaging software should be from same manufacturer. Camera should be compatible to acquire BF, Flu., DF, Pol. image. Image Analysis System shall be - Digital Scientific Grade Camera (CMOS / CCD) 15 MpIX OR higher resolution	As per tender technical specification

	<p>Frame rate 30 FPS at 1024x 1024 resolution, Pixel Size 5 x 5 micrometre or better, Quantum efficiency &gt; 60%, Binning feature, USB 3.0 / Fire Wire interface with imaging analysis software having features like image Stitching, measurement, Counting, segmentation &amp; count, image stacking, Time lapse Imaging, auto exposure &amp; white balance. Microscope, camera and imaging software should be from same manufacturer. Camera should be compatible to acquire BF, Flu., DF, pol image.</p> <p>Reason: AS this system is asked for teaching aspect and high LED screen asked. So, large Megapixel camera recommended and suits it, which display High quality, blur free, detail image.</p>	
<p>The Computer Work Station shall be Core i3 Processor with 320GB HDD or higher, 2GB or higher RAM, DVD R/W, 52" or higher LED Color Monitor, UPS, Windows 7 or 8 OS, Optical Keyboard&amp; Mouse</p>	<p>The Computer Work Station shall be Core <b>i5</b> Processor with 500GB HDD or higher, 4GB or higher RAM, DVD R/W, 52" or higher LED Color Monitor, UPS, Windows 7 or 10 / suitableOS, Optical Keyboard &amp; Mouse.</p>	<p>As per tender technical specification</p>
	<p>Should be USFDA certified</p>	<p>USFDA/ European CE certified/UL/ISO</p>
<p>Warranty period for all items:</p>		<p>36 months from date of installation &amp; commissioning</p>
<p>Bidder qualification for all items:</p>	<p>The manufacturer or it's authorized Indian Agent has supplied to Government Medical College /Govt Hospital/PSU or semi govt Hospital/ Govt. Labs/ Corporate Hospital similar equipment at least 33% of schedule quantity as mentioned in the tender enquiry document in India during last five years from the date of tender opening.</p>	<p>The manufacturer or it's authorized Indian Agent has supplied to Government Medical College /Govt Hospital similar equipment i.e. Binocular Microscope similar to Binocular Microscope, Penta head Microscope similar to Penta head Microscope at least qty 33% in single one order (i.e. Binocular Microscope supplied qty 50 nos, Penta head supplied qty 01 nos) in India during last five years from the date of tender opening. In support of this, copy of latest purchase order &amp; installation</p>

		report/ service report is to be submitted with performance statement
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All other terms and conditions of the tender enquiry document shall remain unchanged.  
Prospective bidders are advised to regularly visit HSCC website/ CPP as corrigendum /amendments etc. if any, will be notified on this portal only, no separate advertisement will published in the news papers.

s/d  
**Additional, Director**  
**Medical Education Department, Rajasthan**