



Bihar Medical Services & Infrastructure Corporation Limited 2nd & 3rd Floor, Swasthya Bhawan, Behind IGIMS, Sheikhpura, Adjacent to State Health Society, Patna-800014, Bihar, Phone/Fax: +91612 2283287, 91612 2283288

Corrigendum-II

Bihar Medical Services and Infrastructure Corporation Limited (BMSICL) had invited E-Bids from the interested parties for Procurement, Rate contract, Supply, Installation of Medical Equipment vide Tender No.-BMSICL/2023-24/ME-335. During and after Pre-bid meeting various suggestions were received from different prospective bidders regarding amendment in technical specification of equipment which were discussed and deliberated on by the experts. On the basis of their recommendations certain amendments in the technical specification of the equipment have been made which are annexed as **Annexure-I** of this corrigendum. In order to facilitate maximum participation of bidders tender schedule is being revised as following:-

Tender Reference No.	BMSICL/2023-24/ME-335
Last date and time of submission of online bids	09th April 2024 till 17:00 Hrs.
Last date and time of submission of original documents of EMD, Tender Fee and Document.	10th April 2024 till 14:00 Hrs.
Date, Time and Place of opening of Technical Bid	10th April 2024 (at 15:00 Hrs.) on the website of https://eproc2.bihar.gov in the office of BMSICL
Date and time of opening of financial Bids	To be announced later on https://eproc2.bihar.gov

**SD/-
GM (Procurement)
BMSICL**

Annexure-I

Name of Equipment :- ENT Operating Microscope		
Sl. No.	Technical Specification as per tender	Final Amendment
1	Rollable floor stand on base with lockable castors, carrier and swivel arms with large reach. Should have free float system with microscope body & handgrips should have facility for focus zoom and illumination adjustment.	Rollable floors stand on base with lockable castors, carrier and swivel arms with large reach. Should have free float system with microscope body & handgrips should have facility for focus zoom and illumination adjustment with electromagnetic brakes
2	Manipulation to any position with locking for trouble free operation.	No Change
3	Suitably Placed LCD display of function and parameters, individual programming for different Surgeons.	No Change
4	MICROSCOPE BODY	No Change
5	Motorized Zoom Magnification system with advanced apochromatic optics. Zoom magnification factors 0.4x to 2.4x activation by handgrip.	No Change
6	Total Magnification range 2 X to 18 X or better activated by hand grip and foot control without exchange of objective lens. Integrated continuously variable illumination field from 60mm-15mm or less	No Change
7	Internal Motorized fine focusing system activated by hand grip and foot control continuously.	No Change
8	Adjustable working distance from 200-225 mm to 400- 425 mm or more without exchange of objective lens, integrated continuously variable illumination field spot size.	No Change
9	Integrated 50:50 beam splitter with two additional output inbuilt for connection of Stereo- co- observation device and video. Stereo coobservation tube with minimum two joints (360degree rotatable along with lock mechanism) straight binocular tube (f=170mm) with Pair of wide field push in eye piece 10X with magnetic / mechanical lock. Dioptr setting from -5 D to +5 D	No Change
10	Stereo co observation tube with minimum two joints straight binocular tube (focal length f=170mm) with pair of wide field pushes in eyepieces 10 X or 12.5 X with sleeves and lock. Dioptr setting -5D to +5 D. Balanced microscope with integrated technology to manoeuvre the microscope in all directions with minimal force.	No Change

11	BINOCULAR TUBE	No Change
	1. 80 Degree or more tilt able binocular tube with focal length $f= 170$ mm or more	0 to 180 Degree or more tilt able binocular tube with focal length $f= 170$ mm or more
	2. Graduated knob for continuous adjustment of interpapillary distance from 55 mm to 75 mm.	No Change
	EYE PIECE	
	1. Pair of wide field push in eye piece 10X with magnetic/Mechanical locks	Pair of wide field push in eye piece 10X /12.5x with magnetic/Mechanical locks
	2. Dioptre setting from -5D to +5 D, also suitable for spectacles wearers	No Change
12	ILLUMINATION SYSTEM	No Change
	1.Coaxial xenon illumination minimum 180 Watt with a backup quick easy lamp changer Xenon bulb	No Change
	HANDGRIPS	
	1. Easily adjustable handgrips with keys for zoom, focus, and illumination	No Change
13	<p>FOOT CONTROL PANEL Full function foot control panel with Control keys for zoom, focus, movements and light intensity</p> <p>INTEGRATED DIGITAL VIDEO CAMERA SYSTEM: Advanced digital 3CCD full HD Video camera should be Integrated in the microscope body, suitable for connection to PC, colour monitor. USER PROGRAMMING: Programming for starting illumination, Magnification, working distance, Zoom speed & Focus speed for at least 8 - 9 different users.</p>	<p>FOOT CONTROL PANEL Full function foot control panel with Control keys for zoom, focus, movements and light intensity</p> <p>INTEGRATED DIGITAL VIDEO CAMERA SYSTEM: Advanced digital 3CCD/CMOS full HD Video camera should be Integrated in the microscope body, suitable for connection to PC, colour monitor. USER PROGRAMMING: Programming for starting illumination, Magnification, working distance, Zoom speed & Focus speed for at least 8 - 9 different users.</p>

14	VIDEO/ IMAGE DATA MANAGEMENT SYSTEM: Should have fully integrated full HD medical grade digital video camera and HD recording system with integrated HDD or USB drive. 24 " or higher Medical Grade HD monitor should be supplied along with the microscope visualization of student.	VIDEO/ IMAGE DATA MANAGEMENT SYSTEM: Should have fully integrated full HD 3CCD/CMOS medical grade digital video camera and HD recording system with integrated HDD or USB drive. 24 " or higher Medical Grade HD monitor should be supplied along with the microscope visualization of student.
15	UPS & CVT: Suitable UPS with One-hour backup time with SMF Batteries & Stand. Should be able to work on wide input range between 200 240 VAC at frequency between 50Hz. Above microscope should be compatible for attachment of LASER. Any other accessory must for smooth functioning/maintenance of the equipment should be provided (i)Sterile drapes 20 numbers (ii) Xenon Lamp-2 No. (iii) SterileCaps-3 set	UPS & CVT: Suitable UPS with 30 min backup time with SMF Batteries & Stand. Should be able to work on wide input range between 200 240 VAC at frequency between 50Hz. Above microscope should be compatible for attachment of LASER. Any other accessory must for smooth functioning/maintenance of the equipment should be provided (i) Sterile drapes 20 numbers (ii) Xenon Lamp-2 No. (iii) SterileCaps-3 set
16	Power Supply input to be 200-240VAC, 50 Hz fitted with Indian conditions plug & Suitable UPS with maintenance free batteries for minimum one-hour back-up should be supplied with each main system and review system.	No Change
17	Should be US FDA and European CE (Issued by notified body)	No Change
18	(i) Microscope should have auto balancing or motorised balancing for best and stable manoeuvrability	No Change
	(ii) Dovetail mount / adapter plate for external components (eg.- laser micromanipulator) Mounting plate for laser micromanipulator should be supplied along with microscope.	No Change