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Corrigendum-I

Bihar Medical Services and Infrastructure Corporation Limited (BMSICL) had invited E-Bids from the interested parties for the procurement, rate contract and the supply of medical equipment for different Govt. Health Institutions of Bihar vide Notice Inviting Tender No.-BMSICL/2019-20/ME-139. During Pre-bid meeting various suggestions were received from different prospective bidders regarding amendment in technical specification of the equipment. In order to facilitate the maximum participation of bidders, technical specification of equipment has been amended by the technical experts which is annexed as Annexure-1

Sd/-

GM (Procurement)

BMSICL

Annexure-1

Name of Equipment- ENT Operating Microscope

Sl.no.	Technical specification before amendment	Technical specification after 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.	No change
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 co-observation 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 locks 2. Dioptre setting from -8 D to +5 D	Integrated 50:50 beam splitter with two additional output inbuilt for connection of Stereo- co-observation device and video. Stereo co-observation 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. Dioptre setting from -5 D to +5 D
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. Dioptre setting -8D to +5 D. Balanced microscope with integrated technology to manoeuvre the microscope in all directions with minimal force.	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. Dioptre setting -5D to +5 D. Balanced microscope with integrated technology to manoeuvre the microscope in all directions with minimal force.
11	BINOCULAR TUBE	No change
	1. 80 Degree or more tilt able binocular tube with focal length f= 170 mm or more	No change
	2. Graduated knob for continuous adjustment of interpapillary distance from 55 mm to 75 mm.	No change
	EYE PIECE	No change
	1. Pair of wide field push in eye piece 10X with magnetic locks	Pair of wide field push in eye piece 10X 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	No change
	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.</p> <p>USER PROGRAMMING: Programming for starting illumination, Magnification, working distance, Zoom speed & Focus speed for at least 8 - 9 different users.</p>	No change
14	<p>VIDEO/ IMAGE DATA MANAGEMENT SYSTEM: Should have fully integrated /semi integrated full HD medical grade digital video camera and HD recording system with integrated HDD or USB drive. 32 " HD led monitor should be supplied along with the microscope visualization of student.</p>	<p>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.</p>
15	<p>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 Sterile drapes -- 20 numbers Physical Demonstration if needed.</p>	<p>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</p>
16	<p>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.</p>	No change
17	Should be US FDA / European CE from notified body.	Should be US FDA and European CE (Issued by notified body)

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
		Added- 19. Cost of Consumables to provide in the price bid.