

Corrigendum

It is to inform that due to some typological error, the technical specification for the Stereo - zoom microscope with Fluorescence has been changed. The new technical specifications for the said equipment are stated below for necessary information.

SPECIFICATION FOR STEREO - ZOOM MICROSCOPE WITH FLUORESCENCE

1	Optical System	Parallel optics Type optical system
2	Zoom	Manual zoom
3	Zoom ratio	In between 8:1 to 20:1
4	Zoom range	0.75 to 13.5X
5	Total Magnification	3.75x - 270x or at least 80X
6	Objective	Super High Resolution, 0.6X or above to 1.0 to 1.5X and above with high N.A 0.125 to 0.3 and Working Distance 20-61mm
7	Eye Piece	10X, 22mm (max/min) or above F.O.V
8	Tubes	Trinocular tube with 100/0:0:100 light distribution
9	Nosepiece	Focus mount Nosepiece, Should be capable/ upgradable to mount Two objective at a time
10	Focus	Manual focusing Up 90mm / Down 4 mm movement or better
11	Base/Stand	LED Diascopic illumination base, Rotterman contrast/phase contrast stand with adapter and Cold light.
12	Epi-Fluorescent	100-130W Pre-centred Mercury/metal halide fiber illuminator, lamp life 2,000 hrs, with built-in Fly eye optics. Filter for GFP and mCherry.
13	Camera	Digital Scientific microscopic digital color camera CMOS (6.5X4.5mm sensor size) / CCD (2/3" CCD sensor chip size) color Camera system: High resolution scientific CMOS camera, QE \geq 55%, resolution of at-least 2.8 MP or above, live display 15-30 frame per second live display @ 1200 x 1024 resolution, Live cell imaging, USB 3.0 PC interface. Suitable optical mount should be provided. Camera should be capable to capture BF/PH/Fluorescence images. Microscope, Objective, camera and software should be from same manufacturer. Software should come along with camera.

14	Software	Licensed imaging software for 3-D imaging, Fluorescence channel mixing / un-mixing, image analysis, live cell imaging, AVI, multichannel & multipoint image capturing, Intensity measurements, counting, line profile, spatial measurements such as length, width, area, perimeter, etc. Microscope, camera and software should be from same manufacturer.
15	Computer	Branded PC with i5 processor, minimum 4 GB RAM, 1TB HDD, graphics card, Original Windows 7 OS /10/ suitable, DVD RW, at least 18-19 "TFT monitor, keyboard, mouse, UPS.
16	Note	Bidders should quote latest model as per specification and microscope with complete accessories form same make. Quoted model should comply international standards. International certification ISO, CE, UL. Bidder's sole have sole exclusive distributor certification. Should have more than 20years experience for service record.

Hence, it is requested that eligible bidders may follow the new technical specifications as mentioned above for the said equipment while participating in e-tendering.

(S K Malhotra)

Kaetesh shahi

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for uploading in institute's website.

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