

**Indian Association For The Cultivation of Science
2A &2B Raja S.C. Mullick Road, Jadavpur, Kolkata –700032**

Corrigendum-2

Tender no: BC/DKS/DBT/01/2015/219, dated: 12.02.2015.

Point #	previous	Recommended change
1b.	High resolution semi-apo/plan-fluor (except for 20X) objectives with DIC prism set for all DIC objectives.10x NA 0.3 (DIC); 20X (phase); 40X NA 0.6 (DIC); 60X 1.35 NA, (DIC); 100x NA 1.4,(DIC), Long Working distance is preferable for 60x. (100X optional)	10X : semi-apo/plan-fluor and (DIC) 20X : semi-apo/plan-fluor phase and fluorescence 40X NA 0.6 (DIC) Apochromatic (400-800 nm) 60X 1.35 NA, (DIC) Apochromatic (400-800 nm) 100X NA 1.4,(DIC) Apochromatic (400-800 nm) - Optional
1g.	130 watt or more, intensity tunable fluorescence illumination by Hg/metal halide lamp with lamp of life minimum 2000Hrs with heat filter.	120 watt or more, intensity tunable fluorescence illumination by Hg/metal halide lamp with lamp of life minimum 2000Hrs with heat filter.
1k	Tech. specification for XY-positioning stage; Repeatability: 0.5µm (encoded) or better	Repeatability: 0.7µm (encoded) or better
1l.	Metallic stage heating and cooling system should be provided for 4 deg C to 100 deg C heating	Metallic stage should be provided for room temp to 50 deg C heating
1m.	Automatic real-time drift compensator using long wavelength (>750 nm) laser or LED.	Automatic real-time drift compensator using long wavelength (>750 nm) laser or LED with autofocus.
3/8	Computer: Compatible with the camera mentioned below like, SSD CPU Intel Xeon E5-1620, 32GB RAM, SSD capacity-256 GB, 1TB hard disk etcí . For detail, the camera manufacturer should be consulted.	Computer: Compatible with the camera mentioned below like, SSD CPU Intel Xeon E5-1620, 16 GB RAM, SSD capacity-256 GB, 1TB hard disk etcí . For detail, the camera manufacturer should be consulted.
6/8	Camera1: Cooled color CCD camera (5 Mpix or more, from microscope manufacturing company with USB based Interface) (Optional)	Camera1: Cooled color CCD camera (5 Mpix or more, with USB/firewire based Interface) (Optional)
5/8	Accessories a) Microscope cover b) LASER 488 nm (100 mWatt, TEM00 mode) c) microscope scale for calibrating the pixel size	Accessories a) Microscope cover b) LASER 488 nm (100 mWatt, TEM00 mode) c) microscope scale for calibrating the pixel size d) Lens cleaning paper books

	<p>d) Lens cleaning paper books</p> <p>e) Objective Oil + c mount</p> <p>f) Image splitter for fluorescence anisotropy imaging- (Optional)</p> <p>g) Two polarizes of appropriate size (mentioned in 1n.)</p> <p>h) Dichroic for 488 nm laser</p> <p>i) One spare bulb each for fluorescence (130 watt, Hg/metal halide) and DIC (12V 100W Halogen)- Optional</p>	<p>e) Objective Oil + c mount</p> <p>f) Image splitter for fluorescence anisotropy imaging</p> <p>g) Two polarizes of appropriate size (mentioned in 1n.)</p> <p>h) Dichroic for 488 nm laser</p> <p>i) One spare bulb each for fluorescence (130 watt, Hg/metal halide) and DIC (12V 100W Halogen)</p>
7/8	<p>Possibility of onsite up gradation to spinning disk microscopy. Projected cost, with three (365nm, 488 and 560nm) lasers and the Yokogawa disk in next 2 year from the date of installation of microscope should be mentioned.</p>	<p>Possibility of onsite up gradation to spinning disk microscopy. Projected cost, with three (365/405 nm, 488 and 560nm) lasers and the Yokogawa disk in next 2 year from the date of installation of microscope should be mentioned.</p>
	<p>New point</p>	<p>N1. Oil stop function would be preferred.</p> <p>N2. Apochromatically corrected beam path for accurated sample illumination will be preferred.</p>
2/8	<p>Software from the vendor should be capable of controlling Motorized functions of microscope, capable of 6D (x,y,z,t,λ, multi point) Image acquisition with both the camera (mentioned below) & image processing like tracking ,segmentation, de-convolution, spectral un-mixing etc. Third party software compatibility: Microscope should be preferably programmable with third party software, a list of compatible third party software should be provided. Preference will be given to software like LabVier/Matlab/Micro-Manager etc</p>	<p>Software from the vendor should be capable of controlling Motorized functions of microscope, capable of 6D (x,y,z,t,λ, multi point) Image acquisition with both the camera (mentioned below) & image processing ,segmentation, de-convolution, etc. Third party software compatibility: Microscope should be preferably programmable with third party software, a list of compatible third party software should be provided. Preference will be given to software like LabVier/Matlab/Micro-Manager etc</p>
B3	<p>Financial Bid (EMD) An Account Payee Demand Draft for Rs. 1,65000/-(Rupees one lac sixty five thousand only) drawn in favor of "Indian Association for the Cultivation of Science" payable at Kolkata is to be furnished by the bidders, as Bid Security money or Earnest Money Deposit (EMD) with the tender.</p> <p>4. The Demand Draft for the Bid-Security money should have at least 45 (forty five) days validity period after the op opening of the Bids.</p>	<p>An Bank guarantee from a nationalized bank or an account Payee Demand Draft for Rs. 1,65000/-(Rupees one lac sixty five thousand only) drawn in favor of "Indian Association for the Cultivation of Science" payable at Kolkata is to be furnished by the bidders, as Bid Security money or Earnest Money Deposit (EMD) with the tender.</p> <p>4. The Demand Draft for the Bid-Security money should have at least 45 (forty five) days validity period after the op opening of the Bids.</p>

