

Corrigendum 3 against NIT number RCB/ATN/17/17-18

Revised specifications for Inverted Research Microscope for Bright field, Phase contrast and Fluorescence application with Image Analysis System for Cell culture facility

Subsequent to corrigendum 2, a few changes have been made in the technical specifications as under, based on some points raised by a few potential suppliers, in order to include maximal participation by potential suppliers while still meeting the institutional application requirements and standards:

1) Point 1 should be read as:

Frame: Compact body with infinity corrected Optical System. If available, future upgradation on site to DIC/ emboss contrast/ NIMC/ IMC or equivalent with coarse and fine focusing knobs should be possible.

2) Point 2 should be read as:

Eye Pieces : 10X, FOV 20 mm or larger and diopter adjustment facility on both eyes.

3) Point 4 should be read as:

Objectives: Long working distance, fluorescence grade objectives suitable for Bright field/Phase Contrast & fluorescence application.

4X/5X, NA 0.10 or higher, W.D. approx. 18.0-30.0mm;

Phase 10x, NA 0.25 or higher, W.D. approx. 7 mm or higher;

ELWD Phase 20X, NA 0.40 or higher, W.D. approx. 6.9-7.8 mm;

ELWD Phase 40X, NA 0.60 or higher, W.D. approx. 3.6-3.0 mm or better with cover glass correction.

4) Point 10 should be read as:

Camera: Scientific grade digital color CMOS/ CCD camera capable of handling Bright field, Dark field, phase contrast and fluorescence images with 5.0 Mega pixels or more resolution, Quantum efficiency 50% or more. Binning mode 2x2, 4x4, USB 3.0 port/ Firewire for attaching camera to desktop through single wire. The camera should be able to capture clear images in all of the above formats including fluorescence. The software for controlling the camera should be included and fully integrated into the system control software for smooth operation.

All other specifications remain unchanged. In case of any discrepancy with the earlier corrigendum, this version will prevail.