

Corrigendum Pre-Bid Clarifications

Tender No: RCB/NIT/12/20-21/IFM

Tender Name: SUPPLY, INSTALLATION AND COMMISSIONING OF INVERTED FLUORESCENCE MICROSCOPE WITH COOLED DIGITAL CAMERA

S. No.	Name of Agency(ies)	Bidding Document Reference(s)	Original technical tender specification	Clarification raised by the bidder	RCB Remarks
1	Leica Microsystems; Towa Optics (India) Pvt. Ltd.; Labindia Instruments Pvt. Ltd.	Technical Specification Point No. 1 (Microscope Body)	Microscope Body: Inverted trinocular microscope with Infinity corrected optical system with light distribution between eye piece and camera port of Vis/Photo,50/50 or better. Observation technique Bright field, Phase contrast & Fluorescence. Microscope should be with Hoffman Modulation Contrast. System should have upgradability feature to on-stage top incubator.	Microscope Body: Inverted trinocular microscope with Infinity corrected optical system with light distribution between eye piece and camera port of 100% vis / 100% Photo- with 45° viewing angle or better. Observation technique Bright field, Phase contrast & Fluorescence. Microscope should be with Hoffman Modulation Contrast or equivalent contrast option. System should have upgradability feature to on-stage top incubator.	Point accepted
2	Towa Optics (India) Pvt. Ltd.	Technical Specification Point No. 3 (Condenser)	Condenser: Long working distance (70 mm or better), suitable modules for phase contrast and HMC.	Condenser: Long working distance (70 mm or better), suitable modules for phase Contrast and HMC or EMBOSS Contrast application.	Point accepted
3	Towa Optics (India) Pvt. Ltd.; Leica Microsystems;	Technical Specification Point No. 7 (Objectives)	Objectives: Long working distance objectives suitable for brightfield, phase contrast and fluorescence applications. <ul style="list-style-type: none"> • Plan Achromat 5X, NA 0.10 • Plan Achromat Phase 10x, NA 0.25, Ph1 • Plan LWD 20X, NA 0.30, Ph1 • Plan LWD 40X, NA 0.50, Ph2 with correction collar 	Objectives: Long working distance objectives suitable for brightfield, phase contrast and fluorescence applications. <ul style="list-style-type: none"> • Plan Achromat 4X or 5X, NA 0.10 • Plan Achromat Phase 10x, NA 0.25, Ph1 • Plan / Plan Fluor 20X, NA ≥ 0.30, Ph1 with correction collar, LWD ≥ 3.5 mm. • Plan / Plan Fluor 40X, NA ≥ 0.50, Ph2 with correction collar, LWD ≥ 2 mm. 	Point accepted

4	Leica Microsystems; (India) Pvt. Ltd.	Technical No. 8 (Fluorescent position fluorescence filter slider/turret fluorescence attachment with 3 or more 103 Watt Hg light source for Fluorescence. Pixel shift correction fluorescence filter for DAPI, FITC and TRITC.	Fluorescent attachment: Fluorescence attachment with 3 or more position fluorescence filter slider/turret fluorescence attachment with 3 or more position fluorescence filter slider/turret to accommodate 3 fluorescence filters at a time. LED light source for Fluorescence with working life of 20,000 hours or more. Pixel shift correction fluorescence filters for DAPI, FITC and TRITC.	Point accepted
5	Carl Zeiss India Pvt. Ltd.; Leica Microsystems; (India) Pvt. Ltd.; Labindia Instruments Pvt. Ltd.	Technical No. 9 (Camera) Leica India Pvt. Ltd.; Leica Microsystems; (India) Pvt. Ltd.; Labindia Instruments Pvt. Ltd.	Camera: Digital color cooled CCD/CMOS Camera system with effective pixel resolution of 7 MP or better, Pixel Size 3.4x3.4 micro meter. Camera should have facility of ON/OFF through software to enhance the CCD Life. Camera should be capable to capture BF/PH/Fluorescence images	Point accepted
6	Leica Microsystems; (India) Pvt. Ltd.	Technical Specification Point No. 11 (Data Processing Unit)	Data Processing Unit: Branded PC with i5/i7 processor, minimum 8 GB RAM, NVIDIA graphics card with 1 GB RAM, 1TB SATA HDD or higher, Original Windows 7 OS / suitable, DVD RW, at least 24" TFT monitor, keyboard, mouse, UPS, Color printer	Point accepted
			Data Processing Unit: Branded PC with i7 processor, Base frequency ≥ 3 GHz, minimum 8 GB RAM, NVIDIA graphics card with ≥ 2 GB RAM, 1TB SATA HDD or higher, Original Windows 10 OS (64bit), DVD RW, at least 24" TFT monitor, keyboard, mouse, UPS.	

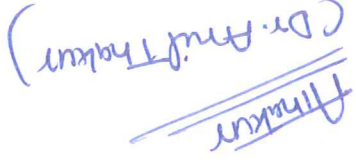
Further, bidding deadline may be please extended by one week.



(Dr Prasad Abnav)



(Dr. Anubhakar Kode)



(Dr. Anubhakar)