



Ref: NCB/F-797/2016-2017 (N)

October 13, 2016

Addendum No:1

Ref. 1) : Tender Notice No: 015/2016-2017, 2) : NCB/F-797/2016-2017 (N)

The following Addendum is issued to our Tender, under Reference No: NCB/F-797/2016-2017 (N) to amend the Technical Specifications:-

FOR

Annexure A – Technical Specifications

Laser Scanning Confocal Microscope

- Inverted Motorized Frame, 10nm Z step size, Left side Port. Motorized Nose piece. Smart Touch Panel Controller
- Laser Combiner & Solid State Lasers 405, 488, 561 & 640
- Remote control unit
- Z Drift Compensator for long time stability time lapse imaging
- LED transmitted light
- Super Apo 10X,20x, and 60x
- Mechanical Stage
- Computer
- Optional Resonant Hybrid Scanner. HighSpeed Scanning up to 438 Frames per Second

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READ**ANNEXURE A – Technical Specifications****Laser Scanning Confocal Microscope****I. Motorized Inverted Microscope**

- Confocal grade plan apochromatic 10X, 20X (air) and 60X/63X (oil) objectives
- DIC prisms and optics for all objectives
- LED based illumination
- Motorized condenser turret, motorized objective turret, motorized beam path switch and motorized 6 position filter turret
- Motorized Z-drive (30nm or better precision)
- Filter sets for UV, blue and green excitation
- Z-drift correction (IR LED or laser based)
- Stage holders for slide, 35mm dish and multi-well plates
- 2000 hours or higher life time 120/130W mercury or metal halide lamp with built in attenuator and shutter
- Manual XY scanning stage
- Side port for camera attachment
- Remote control panel (OPTIONAL)

II. Lasers

- Solid state lasers (405nm, 488nm, 552/561nm, 638/640nm) all >10mW
- Laser combiner
- AOTF driven/direct electronically modulated wavelength selection attenuation and blanking

III. Detectors

- 2 PMT based true spectral detectors (Prism/Grating based).
OPTIONAL: CAN BE UPGRADED FOR ADDITIONAL DETECTORS.
- Minimum scan resolution of 4K X 4K
- All detectors to be directly coupled with scanner without any fibre
- Transmitted light detector for bright field/DIC images (OPTIONAL)

IV. Computer with software for control and analysis**V. One year warranty and 5 years free service should be quoted with the instrument****VI. Anti-vibration table (OPTIONAL)****VII. High-speed resonant scanner (OPTIONAL)**

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- End of Addendum -



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All other terms and conditions of the Tender Documents remain unaltered. Please return the Addendum No:1 dt.07/10/2016 with your signature, date & stamp and should be enclosed in the sealed cover.

The Addendum-1 is available in our
Web site -<http://www.ncbs.res.in/information/tenders.html> and also available in Central
Public Procurement Portal, <http://eprocure.gov.in/cppp>.

Thanking you,

Yours faithfully,
For and on behalf of
National Centre for Biological Sciences,



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