



राष्ट्रीय केला अनुसंधान केन्द्र
(भारतीय कृषि अनुसंधान परिषद)
तोगामलै रोड, थायनुर पोस्ट,
तिरुचिरापल्लि. - ६२० १०२. तमिलनाडु

National Research Centre for Banana
(Indian Council of Agricultural Research)
Thogamalai Road, Thayanur P.O.
Tiruchirapalli - 620 102, Tamil Nadu, India

F.No.25(1)/2016-SP/ 3485-3504

Dated : 03.05.2016

To

Sir/s,

Quotations are invited by the Director, NRC for Banana, Trichy, for the supply of the following items as per the specifications given below.

S.No.	Name of the article	Qty.Reqd.
1.	TRINOCULAR STEREOZOOM MICROSCOPE WITH DIGITAL CAMEA ATTACHMENT SPECIFICATION : Fully Apochromatic corrected Automated/Motorised Stereozoom Microscope with common main objective. Motorised Zoom with 20.1 ratio or better. Zoom body built-in aperture diaphragm. Total magnification from 7.5 x to 150X or better with Plan Apo 1x Objective and 10X Eyepieces or better Resolution 450 lines/mm or more with Plan Apo 1x objective and 1050 lines/mm for Plan Apo 2X Objective or more. Motorised Coarse and Fine Focus adjustments. Plan Apochromatic 1x objective with working distance 60mm preferable (wavelength 380nm to 700nm) or more. 10x eyepieces with field of view 22 / 23 mm standard or better and both eyepieces should have Diopter adjustments. Intelligent Nosepiece preferably double. Trinocular Tube with beam splitter 100: 0 / 0:100 for Eyepieces and Camera. Large base LED stand with bright and uniform illumination, incorporating the light adjustment knob at the front base. Reflected fibre LED ring illumination for Episcopic purposes. Digital CCD Color camera with 5 megapixel and Firewire camera. The 2/3" CCD camera, Pixel Size 3.4 x 3.4 microns. 12 bit camera with 20 fps or better. C- Mount adapter 0.7x or better. Optical path with better optics for obtaining the maximum resolution with symmetrical image and maximum depth. Remote Controller with LED (control filter cube switching/ capture/ focus / Z drive functionality / Zoom step up & down / Z step switching/ LED brightness control and display of the microscopic status. Image Analysis Software for Measurement acquisition, Time-lapse Imaging, Z stacking, Multi-point Experiments, Image Stitching, Image Processing and Extended depth of focus. Suitable branded PC with Intel core i7 processor, 4GB RAM, 1TB	1 Unit.

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