



भारतीय कृषि अनुसंधान परिषद,  
उत्तरपूर्वी पर्वतीय क्षेत्र अनुसंधान परिसर  
उमियम, मेघालय - 793 103  
INDIAN COUNCIL OF AGRICULTURAL RESEARCH  
ICAR Research Complex for NEH Region  
Umiam, Meghalaya - 793 103




F. No. RC(S)83/2016

Dated Umiam, the 11<sup>th</sup> November, 2016.

**ADDENDUM**

This has a reference to the tender No. RC(S)83/2016 dated 7<sup>th</sup> November, <sup>2016</sup> under EFC-XII Plan (2<sup>nd</sup> phase). In this regard one equipment i.e Phase contrast Microscope has been added to the said tender to be supplied at ICAR, Nagaland Centre. The required specification for the said equipment is enclosed herewith.

Further, all other dates and conditions of the tender remain unchanged and supply norms are as per the main tender documents.

  
(S. Das Biswas)  
Administrative Officer (G)

## SI No. D.6 PHASE CONTRAST MICROSCOPE WITH PHOTOGRAPHIC FACILITY

### **Specification:**

1. Microscope with fluorescence bright field, dark field, phase contrast, Simple Polarized Light and differential Interference contrast
2. **Light Source:** Transmitted LED light, 50 W reflector illumination, 100 W halogen, and florescent Hg and Xenon light with guide illuminator
3. 5x,10x, 20x, 40x,100x antifungal objectives suitable to bright field, dark field, phase contrast and Differential Interference Contrast applications with video recording facility.
4. Focusable wide field eyepiece 10x/20mm with foldable antifungal eye guard,
5. The Abbe condenser for interference contrast with filter
6. **Mechanical stage:** Rackless X axis, double plate stage size above 200 x 150mm, X/Y travel range above 75mm x 50mm. Low drive right hand movement with upper limit stopper. Hard coated surface for scratch resistance. Double specimen holder
7. 2x slider or a reflector turret with aove 4 positions and Infinity Space Camera Port
8. Suitable digital Image system for image archiving and processing
9. Portable data acquisition and processing system with 17" monitor for analyzing images and data and for display
10. **Digital Camera Parameters:** 1/2 inch and >3.2MP CMOS Image Sensor (4:3), >4500×3500 pixels resolution, 4.4μm × 4.4μm pixel size, Electronic Rolling Shutter, >25 frame rate with max. pixels, 61dB Sensitivity, 5°C ~ 50°C Operating temperature, USB2.0, suitable software for operating video recording, image processing and measurements.



(S. Das Biswas)

Administrative Officer (G)