



TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar– 799 022
West Tripura, India

No. F.TU/FIN(356)/(P)/2018-19

Date: 20/9/2021

NOTICE INVITING QUOTATION

On behalf of Tripura University, sealed quotations from manufacturers/authorized dealers or bonafide suppliers of repute are invited for supply of the following equipment's for a DBT Twinning Project sponsored by Department of Biotechnology (DBT), Government of India. The quotations complete in all respect must be sent or submit to Prof. B.K.Datta, Principal Investigator, DBT Twinning Project (Bioresource), Department of Botany, Tripura University, West Tripura, PIN – 799 022 on or before **5th October, 2021** during office hours.

Name of Item with specifications:

ITEM 1: Stereo Zoom Microscope

Stereo Zoom Microscope Equipped with Apochromatic Optics for image contrast and color accuracy and Scientific Digital Camera and Software

Microscope stand for TL/RL & Apochromatic Optics Carrier Greenough System. Parfocal corrected optics, to give a crisp three-dimensional image, distortion-free, without color fringes. Includes Camera port with 0-100% split: Stand base with LED Illumination unit with Transmitted Light and Reflected Light. Manually Operable Zoom 8:1 Switchable zoom clickstops, zoom equipped with Trinocular head ,Ergonomic Viewing angle 25° / 35° or better needed. Minimum zoom required 6.5x and Maximum 45x or better with 1x objective and up to 90x or more with 2x Objective, **Documentation:** Phototube with 100% in eyepiece or 100% in Camera, Camera Adapter required for attached the Camera with Microscope, **Eyepiece:** 10X eyepiece with 22 mm or better field of view, both adjustable for spectacle wearers, distortion-free, adjustable with exchangeable eyecup, **Working distance:** Minimum 90mm with 1.0X objective and 10X eye piece, **Object field:** 4.5x to 36 mm or more with 1.0X, objective and 10X eyepiece,

Microscope should have CSA / EC Declaration Certificate and to be furnished along with Certificate towards Anti-Fungus Precaution Certificate

Scientific Digital Color Camera: Minimum 8 Megapixels, Number of pixels: 3840 (H) x 2160 (V) [at full 4k resolution in 30 fps], Pixel size : 1.85 µm x 1.85 µm , Sensor size : Image diagonal 9.33 mm, equivalent to 1/1.7", Spectral sensitivity : 400 nm – 700 nm, IR filter , Camera control and image data transfer : USB 3.0, HDMI port for Image data transfer to monitor, TV or projector , Ethernet port (RJ45)

