



ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
BHUBANESWAR – 751 003

SHORT QUOTATION CALL NOTICE

List of equipments to be purchased through Local Purchase Committee, College of Agriculture, OUAT, Bhubaneswar


Item	Technical Specifications:	
1. Trinocular Zoom Stereo microscope	Trinocular Observation Head	<ul style="list-style-type: none">• Observation hear inclined at 45° rotatable at 360°• Vertical phototube for micro photography• Diopter adjustment ring on ocular tube(± 5)• Interpupillary distance from 52mm to 76mm
	Eyepiece	Wide field 10X(paired)F.O.V.23mm
	Zooming range & ratio	0.8X to 5.0X with magnification ratio of 1:6.3
	Working distance	115mm
	Magnification range	8X-50X
	Mechanical body	<ul style="list-style-type: none">• Track stand with fan type base• Lateral zoom control movement• Reflected & transmitted LED illuminator• Clip for holding specimen• Base size is 285mm X 258mm
	Illumination system	<ul style="list-style-type: none">• Incident & transmitted light systems with LED lamps• Epi-oblique Dark field attachment with Polarizer and analyzer• Both light are regulated with power supply and has separated brightness controls
	Standard Accessories	<ul style="list-style-type: none">• Operating manual, dust cover, guarantee card and Styrofoam molded pack
2.Mega pixel CMOS camera	Camera sensor	<ul style="list-style-type: none">• 5.24 mega pixel color CMOS
	Image Sensor	<ul style="list-style-type: none">• 2/3"(7.60mm(H)x6.20mm(V), Diagonal
	Effective Pixels	<ul style="list-style-type: none">• 2592X1944
	Pixel size	<ul style="list-style-type: none">• 4.65µm x 4.65µm
	Frame size and rate	<ul style="list-style-type: none">• 12fps @1360 x 1024(Multiple Speed Level)
	Signal/Noise ratio	<ul style="list-style-type: none">• 70dB
	Digital Output(A/D)	<ul style="list-style-type: none">• 8R,G,B to PC and 12-bit Parallel
	G Sensitivity	<ul style="list-style-type: none">• 400mV with 1/30s Accumulation
	Power Requirement	<ul style="list-style-type: none">• USB bus power, or external 5VDC-2.5A power supply(Not required for PC interface)

(Signature)
19/03/2020


	Operating Temperature	• 0°C to +60°C
	Operating Humidity	• 5%-100%, Non-condensing
	White Balance	• One push ROI White Balance/manual Temp-Tint Adjustment
	Gain	• Programmable
	Interface Connector	• Standard USB 2.0 high speed interface
	Dimensions(LXWXH)	• 60X60X60
	Lens Mount	• C-Mount lens adapter
	Binning	• 2X2
	Colour Rendering Technique	• Ultra Fine™ Colour Engine
	Capture/Control API	• Twain
	Capture Mode	• Still Picture and video
3. Microscopic Software for Camera	Advance Features	<ul style="list-style-type: none"> • Provisional to open 1 to 4 cameras at a time. Measurement on live zoom preview. Capture still and video format capture at time interval (Time Lapse). Instant image capturing. Real time full screen image. • Programmed interval captures. Video capture by time settings. Easy measurement calibration. • Background correction.
	On line(Live)	<ul style="list-style-type: none"> • Measurement in microns (micrometers), inches, millimeters, length measurements, ellipse, rectangle, irregular shape measurements, perimeter, radius, circumference measurements, angle measurements. • Magnifier(zoom) function, distant image sharing, on-line files sending/receiving. Image amalgamation • Image adjustment effects, data export, report generating and print out. Interactive file format. Scale Bar Facility.

Terms and Conditions:

1. The supplier/Agency firm must provide the printed literature indicating photographs and detailed technical specifications, manual and their functions.
2. It is necessary that specific brand, make, model etc. shall be clearly mentioned in the quotation.
3. The quoted item is new and has not been tampered.
4. The manufacturer shall provide three years on site guarantee/warranty, after sales, service during warranty/ comprehensive annual maintenance contract period. If the authorized.
5. Price should be quoted in Indian currency including on site delivery price.
6. Certificate of PAN and GST in showing the registered number, latest GST return and photograph of the supplier should be provided.


 19/03/2020

7. Quotation should be send To Prof. & Head, Department of Soil Science & Agricultural Chemistry, Chairman, Local Purchase Committee, College of Agriculture, OUAT, Bhubaneswar-751003 within 5 days of publication of the notice by speed post/courier post.


12/09/2028

(R. K. Patra)

Professor & Head
Dept. of Soil Sci. & Agril. Chem.
and Chairman, Local Purchase Committee
CA, OUAT, Bhubaneswar

C.C: Notice Board, College of Agriculture.