

BIDFORM FOR THE PUBLIC BIDDING OF:

DATE OF PREBID CONFERENCE:

DEADLINE OF SUBMISSION OF BIDS:

OPENING OF BIDS:

UPLB-RES-026-9-17 SUPPLY AND DELIVERY OF BRANDED AND BRAND LABORATORY AND SCIENTIFIC EQUIPMENT FOR ICROPS

Friday, September 8, 2017 3:00 PM

Friday, September 22, 2017 1:30 PM

Will follow shortly after the deadline of the submission of bids

LOT #	ITEM #	REQUIRED SPECIFICATIONS	OFFERED SPECIFICATIONS (write down detailed offered specifications)	REFERENCES (include supporting documents)	COMMENTS/ REMARKS (clarify inclusion/ exclusion)	EVALUATION
1	1	BRANDED AND BRAND NEW STEREO MICROSCOPE				
		- .67 to 4.5x zoom optics and 45 degrees inclination, built in trinocular tube (C-mount)				
		- Zoom ration; 6.7:1 using 10x eyepieces, focusable				
		- Eyepiece: FN22, Greenough optical system				
		- Working Distance: 110mm				
		- Adjustment range: 52-76mm; left/right interlocked Transmitted and reflected light LED illuminator stand)				
		- Stage: slim stage design and dedicated glass plate in 100mm diameter				
		- Video camera adaptability: C mount 0.5 x built in				
		CAMERA				
		All in 1 C-mount camera (HDMI + Wifi + SD) with Sony high sensitivity CMOS sensor. Built in mouse control, image capture and video record to SD card, camera control panel for mouse control and with advanced video and image processing application.				
		- Image capture: JPEG format with 5M resolution				
		SPECIFICATION:				
		- Sensor size (mm): 108 0P/Sony IMX 178 (C) 1/1 8" (6.22x4.67)				
		- Pixel (um): 2.4x2.4 - G Sensitivity: 425 mv with 1/30s				
		- Dark Signal: 015 mv with 1/30s				
		- FPS/Resolution: 60@1 920x1080 (HDMI) 30@ 1920x1080 (WIFI)				
		- Image Capture: JPEG Format with 5M Resolution (2592*1944) in SD Card I32				
		- Binning: 1x1				
		- Exposure: 0.03ms -918m				
		- Interface & Button Functions:				
		- USB: USB Camera or USB Mouse				
		- HDMI: HDMI Output				
		- DC12V: 12V Power in				

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		OTHER REQUIREMENTS				
		- With certificate and company carrying the brand. Certification of training of accredited engineer/technician from the manufacturer				
		- Warranty: 3 years on parts and 1 year on service				
		- Availability of after sales service of manufacturer's trained technician.				
		- Availability of equivalent service unit in times of breakdown				
		- Delivery period: 30 calendar days upon receipt of Notice to Proceed				
		LAPTOP w/ accessories				
		Color: Silver or Black				
		Processor: 7th Gen. Intel Core i7-7500U 2.70GHz Processor (4M Cache, up to 3.50GHz)				
		Operating System: Windows 10				
		Home Graphics:NVIDIA GEFORCE 920MX (2GB DDR3L)				
		Webcam / Microphone: HD 720P WITH SINGLE MIC				
		Memory: 8GB				
		Storage: 1TB 9.5MM 5400RPM				
		Battery: 2CELL 39WH BATTERY				
		Display: 14 inches full HD(1920x1080 pixels)				
		Optical Drive: 9.0MM SUPER MULTI (TRAY IN)				
		WiFi: WiFi 802.11 a/c				
		LAN: 0/100/1000M Gigabit Ethernet				
		Bluetooth®: Bluetooth® 4.1 Combo with WiFi Card				
		Ports: 1 x USB 3.0, 2 x USB 2.0, 3.5 mm Combo Audio Jack, 1 x VGA, 1 x HDMI™, 1 x RJ45 Gigabit LAN, 4-in-1 Card Reader (SD, SDHC, SDXC, MMC)				
		Warranty: 1 year on parts and service				

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2	1	BRANDED AND BRAND NEW LED SYSTEMS WITH ACCESSORIES				
		<i>Dimmable LED Grow Light is scientifically engineered to keep the balance of the PAR/Lumen output and coverage.</i>				
		<i>Individually adjustable Red, White and Blue dimmers allow precise 3-channel spectral control</i>				
		<i>Compares to traditional 400 watt HPS/MH while consuming only 210 watts maximum. Perfect for a 3x2.5' growing area at 24" height (Max coverage 3.5x3').</i>				
		<i>Upgraded 3.2" front-fans for the first time plus big aluminum cooling heat sinks (0.8" height) are easy for the heat dissipation quietly.</i>				
		Specification: - Replaces a 400 watt HPS/MH - Use for all stages of plant growth - Max Coverage at 24" Height 3.5x3ft - Core Coverage at 24" Height 3x2.5ft - Avg. Power Draw: 2010watt MAX - (90pcs) High Intensity 5Watt Bridgelux/Epileds LED Bulbs - Lens Angle: 90° - Input Voltage: AC100-240V - Frequency: 50-60Hz - Lifespan: 100,000 hours				
		Package includes: - 1 x PAR450 LED Lighting - 1 x Hanging Kits - 2 x Adjustable YOYO Hangers - 1 x 6ft Power Cord (US Standard 110V grounded 3 prong plu)				
		5 channel data logger INPUT CHANNELS - 5 channels, each supporting 12-bit analog, 32-bit digital, pr pulse, compatible with any Decagon Devices sensor DATA STORAGE - 1 MB (36,000 scans of all 5 ports) SENSOR TYPES - EC-5 10HS, 5TM, 5TE, EC-TM, MPS-1, PAR, Total Solar Radiation, LWS, Temp, Temp/RH, precipitation, wind speed				

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		<p><i>OPERATING ENVIRONMENT -40°C to 60°C, up to 100% RH POWER REQUIRMENTS - SAA alkaline or lithium batteries, (typically good for 8 - 12 months) CASE DIMENSIONS - 12.7 cm x 20.3 cm x 5.1 cm (5 in x 8 in x 2 in) DEVICE WEIGHT ~ .46 KG with 5 AA batteries inside CASE MATERIAL Weatherproof, UV- and impact-resistant IP55, NEMA 3R INTERFACE CABLE - Decagon Serial Cable Adaptor (SCA) or Decagon USB Cable Adaptor (UCA) (Proprietary cable only available through Decagon, included.) SOFTWARE INTERFACE - ECH2Utility Mobile, DataTrac 3</i></p>				
		<p><i>PAR SENSOR SPECTRAL RANGE - 400 - 700 nm ACCURACY - ± 5% RESOLUTION - 2 umol m-2 s-1 FIELD OF VIEW - Hemispherical, 180° MEASUREMENT RANGE - Linear Range: 0-1000 mV (0-5000 umol m-2s-1) Full Sunlight: 400 mV (2000 umol m-2s-1) CALIBRATION AND CONVERSIONS - Sensor are calibrated for outside use. - 5.0 umol m-2 s-1 per mV OPERATING TEMPERATURE -40 to +60°C POWER - None, self-powered CABLE LENGTH - 5 m CABLE CONNECTOR TYPES - 3.5 mm "stereo" plug SENSOR DIMENSIONS - 2.4 cm x 2.75 cm (0.95 in x 1.1 in) DATA LOGGER COMPATIBILITY - DECAGON Em50 series, ProCheck</i></p>				
		<p><i>Warranty: 1 year on parts and services Delivery: 30 calendar days upon receipt of Notice to Proceed</i></p>				

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Note: Please fill-up applicable columns.

Signature of Representative: _____

Name of Representative: _____

End-user:

Position: _____

DR. EDNA A. AGUILAR

Signature over Printed Name

Company: _____

Address: _____

Telephone/ Fax: _____

Email: _____