

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
		<b>*Supply, Delivery, Installation and Commissioning of Branded and Brand New VARIOUS LABORATORY SUPPLIES AND EQUIPMENT for CEAT-ES to be delivered at the CEAT - ES, UP College, Los Baños, Laguna</b>				
<b>1</b>	<b>1</b>	<b>*BRANDED &amp; BRAND NEW REFRIGERATOR</b>				
		<b>Minimum Features:</b>				
		• Inverter type, compact design				
		• Top mount, no frost/full frost free ( freezer and refrigerator)				
		• Anti bacterial protector				
		• Power-cut resistant				
		• LED lighting				
		<b>Minimum Specifications</b>				
		Capacity: at least 20 cu.ft.				
		Freezer Capacity: at least 4.6 cu.ft.				
		Door type: 2-door				
		No. of shelves: >2 (adjustable)				
		Compressor: Smart inverter				
		Door hinge: Right				
		Type of controls: Electronic				
		Type of control setting and Signalling devices: Touch button				
		Door opened indicator freezer: Yes				
		Thaw water drainage: Yes				
		Adjustable feet: Yes				
		No. of shelves: at least 2 (adjustable)				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
		Shelves material: Tempered glass				
		Power: 220-240 V, 50/60Hz				
		<b>Accessories and other inclusions:</b>				
		1) Power cord, can dispenser, small door bins, bottle lock				
		2) English Operation Manual, On-site installation				
		3) On site installation				
		4) Compatible AVR				
		Other requirement for w/c proof/ certificate/ applicable documents must be submitted with the bid offer				
		• The supplier must be an authorized distributor/dealer of the brand they are offering				
		• The supplier must be in business of supplying scientific equipment for at least 5 years				
		• Local manufacturer authorized/trained technical assistance/person must be available for the equipment/brand offered				
		Delivery Period: within 45 Calendar Days upon the Receipt of Notice to Proceed (NTP)				
		Warranty period: at least 5 years on motor warranty, 1 year on parts, 2 years in services, and continuous technical support after warranty period				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
2	1	<b>*BRANDED &amp; BRAND NEW DIGITAL ANALYTICAL BALANCE</b>				
		<b>Minimum features:</b>				
		• Top loading, compact design, easy to clean				
		• With glass weighing chamber to eliminate the influence of air flow				
		• 3 places sliding glass door ( top and side doors)				
		• With level indicator and adjustable level screw				
		• Wide display panel with key panel switches				
		<b>Minimum specifications:</b>				
		Display: LCD with backlight display				
		Capacity: 200 to 220 g				
		Readability: 0.0001 g				
		Linearity: ±0.4 mg				
		Repeatability: ±0.3 mg				
		Pan size: at least 100 mm				
		Calibration: fully automatic with built in calibration weights or manual with added set of calibration weights				
		Taring range: up to full capacity				
		Response time: 3-5 seconds				
		Operating Temperature: 10-45°C				
		Data I/O: RS-232 or USB port				
		Power: 100-240V, 50/60Hz				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
		<b>Accessories and other inclusions</b>				
		1. Pan,pan supporter, anti-draft ring,AC adapter, in-use protective cover				
		2. English Operation Manual				
		3. On site installation and training on the proper use and operation of equivalent/instrument rendered free of charge by a manufacturer-trained technician				
		4. Compatible AVR				
		Other requirements for which proof/ certificate/applicable documents must be submitted with the bid offer:				
		• The supplier must be an authorized distributor/dealer of the brand they are offering				
		• The supplier must be in business of supplying scientific equipment for at least 5 years				
		• Local manufacturer authorized/trained technical assistance/person must be available for the equipment /brand offered				
		Delivery period: within 45 Calendar Days upon receipt of Notice to Proceed (NTP)				
		Warranty Period: at least 1 year on parts, 2 years in services , and continuous technical support after warranty period				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
3	1	<b>*BRANDED &amp; BRAND NEW INCUBATOR SHAKER</b>				
		<b>Minimum Features:</b>				
		• Electronic temperature and speed control including timer switch				
		• Integrated PID temperature control				
		• Built-in cooking spiral for connection to an external chiller or equivalent provision for cooling				
		• Unit stops automatically when transparent hood is lifted				
		• Controls with antimicrobial coating for reduction of bacteria				
		<b>Minimum Specification:</b>				
		Type of movement: orbital				
		Stroke: at least 20mm				
		Speed range: 10-500 rpm				
		Speed display: LED				
		Time setting range: 1-59940 min				
		Permissible shaking weight: at least 20 kg				
		Operating mode: timer and continuous operation				
		Operating temperature range: room temp +5° -80°C				
		Temperature display: LED				
		Temperature stability: 0.1 ±K (0.21 H2O; RT 25°C, T=37°C)				
		Temperature range (inlet T>3°C): room temp, -10° -80° °C				
		Permissible ambient temperature: 15 - 32 °C				
		Permissible relative humidity: 80%				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
		Protection class: IP 30 according to DIN EN 60529				
		Interface: RS232 to control incubator shaker and for documentation of all parameters				
		Power supply: AC220-240 V, 50/60Hz				
		<b>Accessories and other inclusions:</b>				
		1) Pt 1000 temperature sensors ( 2 units) and cables (when applicable)				
		2) Universal attachment AS 4000 1 or similar/equivalent universal attachment is for use with various types/sizes of vessels, Infinite variable clamping rolls that allow universal adoption of the vessels				
		3) Fixing clip attachment (including clips for 16x250 ml shaking flasks) or equivalent				
		4) Compatible AVR				
		5) At least 1 replacement belt or similar device for mechanical transmission from motor				
		6) English Operations Manual				
		7) On site installation and training on the proper use and operation of equipment/instrument rendered free of charge by a manufacturer-trained technician				
		Other requirement for which proof/ certificate/ applicable documents must be submitted with the bid offer:				
		• The supplier must be an authorized distributor/dealer of the brand they are offering				
		Delivery period: within 45 Calendar Days upon receipt of Notice to Proceed (NTP)				
		Warranty Period: at least 1 year on parts, 2 years in services , and continuous technical support after warranty period				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
4	1	<b>*BRANDED &amp; BRAND NEW MICROSCOPE WITH HD CAMERA</b>				
		<b>Minimum features:</b>				
		• 10x/20 focusing eyepiece with eyeguard				
		• Phase tuner condenser for brightfield and phase contrast				
		• HD camera allow fast, high resolution (up to 1920 x 1080) live image on an HD display for scanning slides observing moving specimens, and viewing the finest details on large screen Direct connection to an HD display				
		• Capture image and movie clips on an SD card for easy portability of the system				
		<b>Minimum Specification:</b>				
		Stands: Stand construction-die cast aluminum, 4 position nosepiece,				
		External fuses Stage: Equipped with vernier for X/Y coordinate (left sides), wear resistant stage surface, stage surface approx. 185mm (150mm front) wide X 140mm deep				
		Tubes: 45 or 30 degree Binocular tube				
		Eyepiece: 10x/20 focusing eyepiece w/ eyeguard				
		Objectives: (4x/o 10NA, 10x/0.22NA, 40x/0.65NA, 100x/1.25NA)				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
		Condensers: Abbe Condenser 0.9 Dry/1.25 oil, Centerable & Focusable condenser mount, available slots in condenser for contrast sliders, Magnification labels on condenser				
		Electrical input: 100-240V, 50/50 Hz				
		Digital: digital HD, at least 5 megapixel CMOS sensor for high resolution and fast live images, Fast, high resolution ( up to 1920 x 1080) live image on an HD display able to capture image directly onto an SD memory card				
		Modular Software: includes application software to camera control, image capture, annotation measurement and documentation				
		<b>Accessories and other inclusions:</b>				
		1) Power cord (1)				
		2) Dust cover (1)				
		3) Brand new and branded laptop [at least i5 (5th generation or above), 4 GB RAM, 500 GB HDD, 14 inch HD display, 2 GB graphics memory] with compatible software for control, image capture and adjustment, etc., licensed Windows 10 OS & MS Office 365				
		4) Replacement light source (at least 1)				
		5) Immersion oil				
		6) Compatible AVR				
		7) English operation manual 80 On-site installation and training on the proper use and operation of equipment/instrument rendered free of charge by a manufacturer-trained technician				
		Other requirement for which proof/ certificate/ applicable documents must be submitted with the bid offer.				
		• The supplier must be an authorized distributor/dealer of the brand they are offering				



BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
		<ul style="list-style-type: none"> <li>The supplier must be in business of supplying scientific equipment for at least 5 years</li> </ul>				
		<ul style="list-style-type: none"> <li>Local manufacturer authorized /trained technical assistance/person must be available for the equipment/brand offered</li> </ul>				
		Delivery period: within 45 Calendar Days upon receipt of Notice to Proceed (NTP)				
		Warranty period: at least three (3) years extended warranty on parts and services and continuous technical support after warranty period				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
5	1	<b>*BRANDED &amp; BRAND NEW UV VIS SPECTROPHOTOMETER</b>				
		Photometric system: Double Beam				
		Photometric range: Absorbance: -4 to 4 Abs;				
		Transmittance: 0% to 400%				
		Photometric accuracy: $\pm 0.002$ Abs (0.5 Abs); $\pm 0.004$ Abs (1.0 Abs); less than $\pm 0.003$ Abs (2.0 Abs)				
		Photometric repeatability: less than $\pm 0.001$ Abs (0.5 Abs); less than $\pm 0.001$ Abs (1 Abs); $\pm 0.006$ Abs (2.0 Abs)				
		Wavelength range: 190 to 1100nm				
		Spectral bandwidth: 1nm (190 to 1100nm)				
		Wavelength display: 0.1-nm increments				
		Wavelength setting: 0.1-nm increments (1-nm increments when setting scanning range)				
		Wavelength accuracy: $\pm 0.1$ nm at 656.1nm D2; $\pm 0.3$ nm (190 to 1100nm)				
		Wavelength repeatability: $\pm 0.1$ nm				
		Wavelength slew rate: about 6,000 nm/min				
		Wavelength scanning speed: 3,000 to 2 nm/min				
		Stray light: less than 0.02% NaI at 220nm, NaNO <sub>2</sub> at 340nm; less than 1.0% KC I at 198nm				
		Baseline stability: less than 0.0003 Abs/H at 700nm (one hour after light source turned ON)				
		Baseline flatness: less than $\pm 0.0006$ Abs (190 to 1100nm, one hour after light source turned ON)				
		Noise level: less than 0.00005 Abs RMS value (at 700nm)				
		Light source: 20-W halogen lamp and deuterium lamp; built-in light source auto position adjustment				
		Monochromator: Blazed holographic grating in Czerny-Turner mounting or equivalent				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
		Detector: Silicon photodiode				
		Display: Backlit LCD				
		Cell Holder: Integrated 6-position cell-turret				
		Measurement Mode: absorbance/transmittance, concentration measurement, nucleic acid, wavelength scan, time scan, monitor measurement				
		Wavelength calibration: bright line of built-in lamp and low pressure mercury lamp is used for measurement				
		Power requirement: AC 220-240V; 50/60 Hz				
		Output device: USB memory, Data files saved in text format or UVPC Format that can be read directly by UV-Vis software application				
		PC compatibility: Provided with /included a compatible UV-Vis software; can be stand alone				
		External control possible via USB				
		Printer compatibility: DPU, ESC/P, PCL printers, USB I/FWindows-compliant printers available with USB memory & PC				
		<b>Accessories and other inclusions:</b>				
		1) Standard sized cuvettes: Glass (2 pairs), Quartz (2 pairs) capacity: 0.7mL , with 2 clear sides, Path length: 2mm, with PTFE cover, approx dimension 12.5x45x4.5 mm (WxHxD)				
		2) Micro-cuvettes: Glass (2 pairs), Quartz (2 pairs) capacity: 0.7mL , with 2 clear sides, Path length: 10mm, with cover, approx dimension 12.5x45x12.5 mm (WxHxD)				
		3) Spare compatible or appropriate halogen & deuterium lamps OR APPROPRIATE REPLACEMENT LAMP				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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
		4) 1 unit compatible UPS with Automatic Voltage Regulator (at least 390 Watts/650 VA output power capacity)				
		5) 1 unit UV-Vis compatible brand new and branded Laptop [at least i5 (5th generation or above), 4 GB RAM, 500 GB HDD, 14 to 15.6 inch HD display] with Licensed Windows 10 OS and licensed MS Office 365				
		6) 1 unit compatible brand new and branded refillable inkjet Printer with Continuous Ink Supply System (color inkjet, 4800 x 1200 max printing resolution, easy refill external tanks, USB 2.0 connectivity)				
		7) English Operations Manual				
		8) On-site installation and training on the proper use and operation of equipment/instrument will be rendered free of charge by a manufacturer-trained technician.				
		Other requirements for which proof / certificate / applicable documents must be submitted with the bid offer.				
		• The supplier must be an authorized distributor/dealer of the brand they are offering.				
		• The supplier must be in business of supplying scientific analytical instruments/equipment for at least 5 years.				
		• Local manufacturer authorized/trained technical assistance/persons must be available for the equipment/brand offered				
		Warranty Period: at least three (3) years extended warranty on parts and services and continuous technical support after warranty period				
		Delivery Period: within 45 Calendar Days upon receipt of Notice to Proceed (NTP)				

BIDFORM FOR THE PUBLIC BIDDING OF:

**REBID - UPLB-RES-012-4-17 SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF LABORATORY AND SCIENTIFIC EQUIPMENT FOR CEAT - ES**

DATE OF PRE-BID CONFERENCE:

Friday, July 28, 2017 2:00 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, August 11, 2017 1:00 PM

OPENING OF BIDS:

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

Note: Please fill-up applicable columns.

Signature of Representative: \_\_\_\_\_

Name of Representative: \_\_\_\_\_

End-user:

Position: \_\_\_\_\_

JEY-R S. VENTURA - PROJECT LEADER

Signature over Printed Name

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone/ Fax: \_\_\_\_\_

Email: \_\_\_\_\_