

BIDFORM FOR THE PUBLIC BIDDING OF:
 DATE OF PRE-BID CONFERENCE:
 DEADLINE OF SUBMISSION OF BIDS:

UPLB-S-053-8-17 SUPPLY AND DELIVERY OF ENGINEERING AND LABORATORY TESTING EQUIPMENT OF LWRD
Wednesday, 19 July, 2017 1:00 PM
Wednesday, 02 August, 2017 1:00 PM

END-USER: LWRD (PR#: Mar147-1473427337)
RCC: 8226500, 536-2387

LOT #	ITEM #	REQUIRED SECIFICATIONS	OFFERED SPECIFICATIONS (write down detailed offered specifications)	REFERENCES (include supporting documents)	COMMENTS/ REMARKS (clarify inclusion/ exclusion)	EVALUATION
1	1	<p>pH Conductivity Meter, Brand New and Branded</p> <p>Measures : pH, Mv, Conductivity, TDS, Salinity Temperature: (°C/°F) Specifications: pH Range: -2.00 to 16.00 pH pH Resolution: 0.01pH pH Accuracy: 0.02pH pH Calibration: 6 points: USA, NIST, DIN, PWB and custom buffers mv Range: +/-2000 mV Resolution: 0.1 to 1mV mV Accuracy: +/-0.2 +/- LSD or +/-25% of reading; whichever is greater mV Calibration: +/-200mV Conductivity Range: 0 to 200 mS Conductivity Accuracy: 1% full Scale Conductivity Calibration: One point per range TDS Range: 0 to 200ppt TDS Resolution: 0.01 ppm to 0.1 ppt TDS Accuracy: 1% full scale TDS Calibration: One point range: Temperature Range: -10.0 to 110.0 C Temperature Resolution: 0.1 C Temperature Accuracy: 0.5 C Temperature Calibration: offset 0.1 C increments</p> <p>ATC: Automatic or Manual Power: 2AA batteries, or optional power adapter</p> <p>Memory: 500 data sets Real Time Clock: Yes RS-232: Yes and USB</p>				

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		Optional AC Power: Yes Built-in-Stand: Yes Dual Display: Yes Waterproof/Dustproof: Yes Dimensions: 7 7/8" x3 1/8" x2 1/4" (20x8.3x5.7cm) Weight: Approx. 1.4lb (0.6 kg) Driver Software compatible with Win 7 or higher Availability of manufacturer's trained technician for after sales service. Warranty: 1 year on parts and services Delivery: 90 Calendar days upon receipt of notice to proceed.				
1	2	Dissolved Oxygen (DO Meter), Brand New and Branded Measures: Dissolved oxygen mg/L (ppm) and % saturation Temperature: °C/°F Specifications: Saturation range: 0.0 to 200.0% % saturation resolution: 0.1% % saturation accuracy: ±2.0% Full scale mg/l (ppm) range: 0.00 to 20.00 mg/l (ppm) mg/l (ppm) Resolution: 0.1 mg/l (ppm) mg/l (ppm) Accuracy: ±2.0% full scale Temperature range: -10.0 to 110.0 °C Temperature resolution: 0.1 °C Temperature accuracy: ±0.5 °C Temperature calibration: offset 0.1° increments ATC: automatic or manual				

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		Memory: up to 500 data sets Real time clock: yes Salinity correction: range 0.0 to 45.0 ppt Resolution: 0.1 ppt Method: key in manually and automatic correction Baromatic pressure correction: Range: 500 to 1499 mm Hg: resolution: 1mm Hg Optional AC power, with Built-in stand , Dual display, waterproof / dustproof (IP67) Dimensions: 7 7/8" x 3 1/4" (20 x 8.3 x 5.7 cm) Shipping weight: 1.4 lb (0.0kg) Availability of manufacturer's trained technician for after sales service. Warranty: 1 year on parts and services Delivery: 90 Calendar days upon receipt of notice to proceed.				
1	3	EC/TDS/Temp Meter, Brand New and Branded Measures: conductivity, TDS, salinity, °C/°F Specifications: Conductivity range: 0.00 to 200 mS Conductivity resolution: 0.01 µS, 0.1 mS Conductivity accuracy: ±1% full scale Conductivity Calibration: one point range TDS range: 0 to 200 ppt TDS resolution: 0.01 ppm to 0.1 ppt TDS accuracy +/-1% full range TDS calibration: one point per range Temperature range: -10.0 to 110.0 °C Temperature resolution: 0.1°C Temperature accuracy: ±0.5 °C Temperature calibration: offset 0.1°C increments				

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		ATC: Automatic or manual Memory: up to 500 data sers with temperature and calibration Power: 2 AA batteries, or optional AC adapter Real time clock: yes RS-232: yes and USB Cell constant: selectable at K = 1.0, 0.1 or 10 Temperature coefficient: adjustable 0.00 to 10.00% per °C Optional AC power, with Built-in stand, Dual display, waterproof , dustproof (IP67) Dimension: 7 7/8" x 3 1/8" x 2 1/4" (20 x 8.3 x 5.7cm) Shipping Weight: 1.3lb (0.6kg) Availability of manufacturer's trained technician for after sales service. Warranty: 1 year on parts and services Delivery: 90 Calendar days upon receipt of notice to proceed.				
1	4	Spectrophotometer, Brand New and Branded Specifications: Operating mode: transmittance (%), absorbance and concentration (waveleght, time) Source lamp: tungsten (visible range), deuterium (UV range) Wavelength range: 190 - 1100 nm Wavelength accuracy: ± 1nm Wavelength reproducibility: <0.1 nm Wavelength resolution: 0.1 nm Wavelength selection: automatic, based on method selection Spectral bandwidth: 2nm				

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		<p>Scanning Speed: 900 nm/min (in 1nm steps) Photometric measuring range: ± 3 Abs Photometric accuracy: 5 mAbs at 0.0 - 0.5 Abs <Abs at 546 nm Photometric linearity: 0.005 - 2 Abs ≤ 0.01 at > 2Abs with neutral glass at 546nm Stray light: KI-solution at 220nm < 3.3Abs/ < 0.05% Display: TFT 7 inch WVGA color touch Data logger: 5000 data points (result, date, time, sample-ID, user-ID) Preprogrammed methods: >250 User programs: 200 Sample cell compatibility: rectangular: 10, 20, 30, 50mm, 1inch; round: 13mm, 16mm, 1inch Dimensions (HxWxD): 8.5 in x 19.7 in x 18.1 in (215mm x 500mm x 460mm) Weight: 24.25 lbs (11kg) Operating conditions: 10 at 40 °C, max. 80% relative humidity (non-condensing) Storage conditions: -25 to 60°C max. 80% relative humidity (non-condensing) Enclosure rating: IP20 with closed lid Interfaces: USB type A (2), USB type B, Ethernet, RFID module Driver Software compatible with Win 7 or higher</p> <p>Availability of manufacturer's trained technician for after sales service. Warranty: 1 year on parts and services Delivery: 90 Calendar days upon receipt of notice to proceed.</p>				

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Note: Please fill-up applicable columns.

Signature of Representative: _____

Name of Representative: _____

End-user:

Position: _____

Company: _____

Signature over Printed Name

Address: _____

Telephone/ Fax: _____

Email: _____