

BIDFORM FOR THE PUBLIC BIDDING OF:

UPLB-RES-018-7-17 SUPPLY AND DELIVERY OF GPS TOTAL STATION WITH RTK GNSS RECEIVER FOR SESAM

DATE OF PRE-BID CONFERENCE:

Friday, July 7, 2017 1:30 PM

DEADLINE OF SUBMISSION OF BIDS:

Friday, July 28, 2017 1:15 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
1	1	Branded and Brand New Surveying Instrument GPS Total Station with RTK GNSS Receiver (Base and Rover)				
		-High Performance and High Quality -Training for the use of equipment				
		Distance Measurement -Range with Specified Prisms (Good Conditions);				
		Single Prism: 2.5m to 4,000m (8.2 ft. to 13,123 ft.);				
		Reflectorless: 500m (1,640ft.)				
		Shortest possible range: 1.0m (3.3ft.) - Accuracy (Precise model) ISO 17123-4;				
		Prism + (2+2 ppm x D) mm;				
		Reflectorless + (3+2ppm x D)mm				
		Measuring Interval; Fine 0.3 sec; Normal 0.2 sec				
		Angle Measurement				
		-Accuracy (ISO17123-3) Horizontal and vertical: 2"/0/6 mgon and 5"/1.5mgon - Reading System: Absolute encoder - Circle diameter: 79mm (3.1 in.) - Horizonta/Vertical Angle				
		Diametrical Minimum Increment - Degree: 1/5" - Gon: 0.2/1 mgon - MIL6400: 0.005/0.02 mil				

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		Telescope - Tube length: 154 mm (6.0 in.) - Image: erect - Magnification 30x - Effective diameter of objective : 45 mm (1.8 in.) - EDM diameter: 50mm (2.0 in.) - Field of view: 1°30' - Resolving power: 3" - Minimum focusing distance: 1.0 m (3.3 ft.) - Laser pointer: Coaxial Red Light				
		Tilt Sensor - Type: Dual-axis - Method: Liquid-electric detection - Compensation range: + 3.0'				
		Communications - Communication ports: 1 x serial (RS-232C) - Data interface: SD Card, Mini-USB				
		Power Internal Ni-MH Battery (x2) - Output voltage: 6.0 V DC Operating Time: approximately 13 hours - Charging time: Full charge at 4 hours				
		General Specifications - Level vials; Sensitivity of Circular level vial: 8'/2 mm;				

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		Sensitivity of Plate level: 30"/2mm - Optical plummet; Image:erect; Magnification: 3x; Field of view: 5°; Focusing range: 0.3 m (1.0 ft.) to ∞ - Display face 1 and face 2; backlit, graphic LCD, 160 x 90 pixels Point memory : 10,000 records - Dimensions (W X D X H)= Approximately 160mm X 150mm X 340 mm (6.3 in x 5.9 in x 13.4 in) - Weight (approx.): 5.1 kg (11.3 lb) - Battery: 0.2 kg (0.5 lb) -Carrying case: 3.2 kg (7.0 lb)				
		Environmental Characteristics - Operating temperature range: -20°C to +50°C - Atmospheric correction -Temperature range (-40°C to + 60°C) - Barometric pressure (400mmHg to 999 mmHg/533 hPa to 1,332 hPa/15.8 in Hg to 39.3 inHg) - Dust and water protection: IP55				
		Standard Accessories - 1 pc. single prism, 1 pc. Prism holder, 1 pc. rangepole and leveling bubble 3m, 2 pcs. Battery pack, 1 pc. battery charger, 1pc. rain cover, 1 pc. carrying case, 1 pc. heavy duty double-lock tripod, 1 pc. imstruction manual, 1 pc. a set of tools				

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		GNSS Smart Antenna GPS Receiver - Receiver type: multi-frequency GNSS - Positioning modes: RTK, L-band DGNS, SBAS, External RTCM, Autonomous - Channels: 372 - RTK Formats: RTCM, ROX - L-Band Formats: Atlas 100, Atlas 30, Atlas 10 - Update Rate/Recording Interval: Selectable from 1,2,4,5,10 Hz (20 Hz available) - Performance (RMS) - RTK: Horizontal/Vertical = 8mm + 1ppm/15mm + 1ppm - Static performance (long occupation): Horizontal/Vertical = 3mm + 0.1ppm/3.5mm + 0.4ppm - Static performance (rapid occupation): Horizontal/Vertical = 3mm + 0.5 ppm/ 5mm + 0.5 ppm				
		- L-band performance: Horizontal/Vertical = 0.08m/0.16m - SBAS (WAAS): Horizontal/Vertical=0.3m/0.6m - Autonomous, no. SA: Horizontal/Vertical=1.2m/2.4m				
		Satellite Tracking L1C/A,L1P,L2P,L2C GLONASS: L1C/A, L2C/A BeiDou: B1, B2, B3 QZSS: with future firmware upgrade Galileo: with future firmware upgrade SBAS: MSAS, WAAS, EGNOS, GAGAN	GPS:			
		Communication Connectors I/O: 5-pin Lemo connector for external power supply and external radio devices, 7-pin Lemo connector for USB OTG connection and serial port interface, 1 TNC antenna connector for internal radio, 1 TNC antenna connector fro modern module Bluetooth: IEEE 802.11 b/g				

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		Radio Frequency range: 410-470 MHz Channel Spacing: 12.5KHz/25KHz Emitting Power: 0.5/1 W				
		Power Battery: Rechargeable and dismantle 11.1 V - 37.74 Wh intelligent lithium battery Battery life: 6 hours with one battery and UHF radio in				
		Rx mode Voltage: 9 to 22V DC external power input with over voltage protection (5pins-Lemo) Charge time: typically 7 hours Memory: Sim card: User-accessible SIM card slot Memory: Internal 4GB, External micro SD card slot supports up to 64 GB, user-aaccesible through USB and wi-fi				
		Base and Rover RK Option x1 includes RTK activation , dual frequency activation x, GLONASS activation x 2, XF@2 handeld x 1, Carlsn SurCE Software x 1,Pelican Case x 1, XF Pole Bracke x 1				
		Warranty: 1 Year on Parts and Services				
		Delivery Period: 30 Calendar Days upon the Receipt of Notice to Proceed				
		PR NO. 10649				

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Note: Please fill-up applicable columns.

Signature of Representative: _____

Name of Representative: _____

End-user:

Position: _____

DR. DECIBEL FAUSTINO ESLAVA - PROJECT LEADER

Signature over Printed Name

Company: _____

Address: _____

Telephone/ Fax: _____

Email: _____