



UNIVERSITY OF MASSACHUSETTS-AMHERST

Procurement Department
407 Goodell Bldg., 140 Hicks Way
Amherst, MA 01003-9334

voice: 413-545-0361 fax: 413-545-1643

email: procurement@admin.umass.edu Web Page: www.umass.edu/procurement

(THIS IS NOT AN ORDER)

REQUEST FOR BID # AA09-RH-3238

«Name» «Address_1» «Address_2» «City», «State» «Zip»		RFB Opening Date & Time: MARCH 26, 2009 @ 1:00 PM	
		Requested by: Roxann Cormier Telephone: 413-545-1733 Department: Natural Resources Conservation Date Prepared: 3/11/2009	
Quantity	Description	Unit Price	Total Price
	BIDS ARE REQUESTED TO PROVIDE GPS DATA COLLECTION AND ASSET RELOCATION PER ATTACHED SPECIFICATIONS OR APPROVED EQUAL FOR THE BID OPENING ON: MARCH 26, 2009 @ 1:00 PM		
	DELIVERY LEAD-TIME AFTER RECEIPT OF ORDER: _____		
	Total Bid Price >>>>>		

PLEASE DIRECT ANY QUESTIONS REGARDING THIS RFB TO: ROSEMARY A. HASSAY @ 413-545-1094

IMPORTANT INFORMATION

- It is the bidder's responsibility to insure that their bid is received in its entirety by the University of Massachusetts, Procurement Department, 407 Goodell Building, 140 Hicks Way, Amherst, MA 01003-9334 by 1:00 PM on the bid opening date specified above. Bids received after the specified date/time or at a location other than what is listed in the RFB will be rejected and placed unopened in the bid file.
- Bids may be faxed provided that they are followed up by a hard copy with written signature within 5 days of the bid date. All faxed bids must be received by the Procurement fax by the date and time of the bid above.
- All prices are FOB Destination, delivery free of all charges to: University of Massachusetts Amherst at a location specified on a purchase order.
- Bidders must list their Taxpayer's Identification Number here: _____ - _____
- Bid may not be materially altered after the bids have been opened. Only the Director of Procurement can determine what a material alteration is.
- All prices must be submitted on a Net Basis. Unit price shall prevail in case of mathematical error.
- Bids on items that differ from specifications will be rejected at the discretion of the Director of Procurement. Proprietary names are quoted for informational purposes only and are not meant to limit competition. The right is reserved to accept the bid deemed best for the University.
- Exceptions to any terms and conditions contained herein or in the bid specifications, must be noted by bidder in bid. The Director of Procurement reserves the right to reject any bid that does not conform to the specifications.

Vendor Name: _____ Telephone: _____ Fax: _____

Name of Person Submitting Bid: _____ Authorized Signature: _____

Address: _____ E-Mail: _____

R# 57517



University of Massachusetts Amherst
Department of Procurement
Request for Bids:
GPS Data Collection and Asset Relocation or approved equal

RFB# AA09-RH-3238
Bid Opening Date – March 26, 2009 @ 1:00 p.m.

Specifications:

I. GeoXH Handheld (79000-00) or approved equal

• **System**

1. Windows Mobile 6 (Classic edition)
2. VGA display (480 x 640), sunlight-readable color touchscreen
3. Integrated Bluetooth 1.2 wireless technology
4. Integrated 802.11b/g wireless LAN
5. Ergonomic cable-free handheld
6. Rugged and water-resistant design• All-day internally rechargeable Li-ion battery
7. Marvell 520 MHz XScale processor
8. 128 MB RAM
9. 1 GB non-volatile Flash data storage
10. Sealed SD/SDHC card slot
11. Integrated speaker and microphone

• **GPS**

1. Integrated high-performance GPS/SBAS1 receiver and L1/L2 antenna
2. H-Star technology for subfoot (<30 cm) real-time or postprocessed accuracy
3. Decimeter (10 cm) accuracy with an optional external Zephyr antenna
4. RTCM and CMR real-time correction support
5. TSIP and NMEA2 protocol support
6. EVEREST™ multipath rejection technology

• **Standard Software**

1. GPS Controller for control of integrated GPS and in-field mission planning
2. GPS Connector for connecting integrated GPS to external ports
3. Microsoft Office Mobile
4. Transcriber (handwriting recognition)

• **Standard Accessories**

1. Support module AC Power supply with International adapter kit
2. USB data cable
3. Stylus (x 2)
4. Screen protectors (2-pack)
5. Quick Start Guide
6. Getting Started CD

7. Hand strap

8. Pouch

- **Physical**

1. Size. 21.5 cm × 9.9 cm × 7.7 cm (8.5 in × 3.9 in × 3.0 in)
2. Weight . 0.81 kg (1.79 lbs) with battery
3. Processor. 520 MHz Marvell PXA-270 XScale processor
4. Memory . 128 MB RAM and 1 GB internal Flash storage
5. Battery . Internal 7500 mAh lithium-ion
6. 27.8 Watt-hours, rechargeable in unit

II. Terrasync Standard Edition Software v3.30 (45950-10) or approved equal

1. Collect position, feature, and attribute data
2. Industry-leading GPS receiver configuration and control
3. Fast, real-time map display supports multiple raster and vector background maps
4. Graphical screens for navigation back to selected features
5. Integrates with CoPilot Live 7 Professional software for TerraSync, and TomTom Navigator 6 software
6. Waypoint support for productive use of field time
7. Data dictionary editor for customized data collection requirements
8. Data dictionary capabilities allow in-field modifications to data dictionaries
9. Mission planning to find the best time to collect data
10. Supports multimedia attributes such as voice and image files
11. Optimized for Trimble handhelds with integrated digital cameras
12. Send and receive files by e-mail directly in the field
13. Supports ESRI Shapefiles

III. Hurricane Antenna Kit (52446-00) or approved equal

1. Optimized for best accuracy in difficult environments
2. Integrated ground plane for rejecting multipath signals
3. Integrated screw thread allows for easy mounting onto a backpack or range pole, or onto a vehicle with a magnetic mount
4. Size 6.35 in diameter x 2.3 in high
(16.1 cm x 5.8 cm)
5. Weight 0.86 lb (0.39 kg)
6. -40 °F to +158 °F
(-40 °C to +70 °C)
7. -58 °F to +176 °F
(-50 °C to +80 °C)
8. 100% humidity proof, fully sealed
9. Power consumption: 0.2 Watts
10. Gain - 42 dBm
11. Noise - 2.5 dB max
12. Frequency - 1575.42 ± 10 MHz
13. Connector – TNC
14. Mounting - 5/8–11 Thread
15. Cable - 1.5 m TNC to SMB antenna cable

IV. Carbon Fiber Range Pole – 2M – (53861) or approved equal

- 5/8" screw thread at top, to attach the antenna, and is compatible with all of Trimble's handheld range pole brackets

V. GeoExplorer Series Range Bracket (53261) or approved equal

VI. Vehicle Power Supply, 12- 24V (70934-00) or approved equal

- GeoExplorer 2008/Juno Series

VII. Hurricane/Zephyr Antenna Cable (1.5m) (70643-08) or approved equal

- Connects to a Zephyr or Hurricane antenna to your GeoExplorer series handheld

Include standard warranty information with the bid response

Delivery: FOB Destination: Amherst, MA

All prices must include delivery to:

University of Massachusetts
Attn: Professor John T. Finn
Dept. of Natural Resources and Conservation
Holdsworth Hall
150 Holdsworth Way
Amherst, MA 01003

Bidders shall deliver their bid response to the following address by **March 26, 2009 at 1:00pm, Eastern Standard Time at which time the bids will be opened and publicly read.** Bids shall be clearly marked and addressed to:

University of Massachusetts
Procurement Department
407 Goodell Bldg.
140 Hicks Way
Amherst, MA 01003
Fax 413-545-1643
Attention: RFB AA09-RH-3238

It is the sole responsibility of the bidder to insure that its bid is delivered to the Procurement Department in its entirety by the due date and time. Late bids will not be considered, and will be placed, unopened, in the bid file. Faxed bids will be accepted, provided the original is received within 5 working days after bid deadline submission date. All questions from prospective vendors regarding this Request for Bid shall be referred to the Purchasing Manager in the Procurement Department by email or fax only, by March 17, 2009 at 2:00 PM. No telephone calls will be entertained. Inquiries received after the specified date and time will **not be accepted**. The University will E-Mail its response to all questions to all bidders of record by formal addendum by 5:00 pm on March 18, 2009.

The contact information for this individual is:

University of Massachusetts Amherst
Rosemary A. Hassay, Purchasing Manager
Fax: (413) 545-1643
E-mail: procurement@admin.umass.edu

University of Massachusetts, Amherst**Bid Response Sheet****RFB# AA09-RH-3238 - GPS Data Software & Asset Relocation or approved equal****Bid Opening Date: Tuesday, March 26, 2009 @ 1:00 pm**

Quantity	Part Number	Description	Price
1 Each	45950-10	Terra Sync Standard Edition Software v3.30 or approved equal	
1 Each	52446-00	Hurricane Antenna Kit or approved equal	
1 Each	53861	Carbon Fiber Range Pole - 2m or approved equal	
1 Each	53261	GeoExplorer Series Range Pole Bracket or approved equal	
1 Each	70934-00	Vehicle Power Supply, 12-24V (GeoExplorer 2008/Juno series) or approved equal	
1 Each	70943-08	Hurricane/Zephyr Antenna Cable (1.5m) or approved equal	
1 Each	79000-00	GeoXH Handheld or approved equal	

Total Bid Price

Delivery Lead-Time after Receipt of Order: _____

Notes:

Vendor Name: _____

Name of Person Submitting Bid: _____

Street Address: _____

City, State, ZIP CODE: _____

Phone: _____ FAX: _____ E-Mail: _____

Authorized Signature: _____