

RESOLUTION No. 2004-2522

A RESOLUTION AUTHORIZING THE CITY MANAGER TO APPROVE PURCHASE OF TRIMBLE CONTINUOUSLY OPERATING GPS REFERENCE STATION AND RTK ROVER RECEIVER EQUIPMENT FROM PACIFIC SURVEY SUPPLY IN THE AMOUNT OF \$50,756.30.

RECITALS:

1. The fiscal year 2004/2005 budget was approved by City Council on June 21, 2004 and provides capital outlay funding of \$55,000.00 for the purchase of high-accuracy, 3-D, GPS positioning system which consists of a Continuously Operating Reference Station (CORS) and RTK rover receiver.
2. The permanent CORS, being fully automated, will become an integral time and money saving resource for all departments and divisions of the City of Newberg, including Police, Fire, Planning, Public Works, Utilities, and Engineering. This efficient, cost-effective system will allow the City to benefit from, and become a part of, the growing National Geodetic Network.
3. The rover receiver will provide the Engineering Division with an efficient means of maintaining and updating, on a regular basis, an accurate record of public works infrastructure assets. Significant cost-savings will be realized in capital improvement projects as existing staff will be able to provide design survey services which would otherwise require far more staff hours or private sector contract services.
4. City of Newberg staff evaluated three GPS equipment manufacturers: TopCon, Leica, and Trimble. Suppliers of each provided City staff with field demonstrations, total solution package descriptions, and product technical data. It was determined that Trimble offers the most appropriate solution for the City due to its comprehensive capabilities, streamlined component configuration, overall compatibility with other survey and mapping products, reliable product history, and multi-disciplinary approach to GPS applications.
5. The General Service Administration (GSA) has awarded a purchasing contract bid for GPS and survey equipment to Trimble Navigation Limited (Contract Number GS-07F-5588P, Exhibit A). This contract allows government agencies to purchase Trimble GPS and survey products and services from the Authorized Federal Supply Schedule Price List. The discount provided by this contract ranges from 10% to 30%, depending on the product or service.
6. Pacific Survey Supply is a local authorized supplier of Trimble products (Exhibit B) and would provide the City GSA discount pricing. The total GSA cost for the services and products to be provided by Pacific Survey Supply for the City of Newberg CORS and RTK

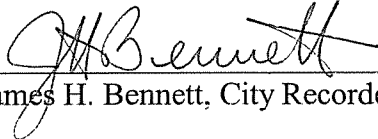
rover GPS system is \$50,756.30.

THE CITY OF NEWBERG RESOLVES AS FOLLOWS:

1. The City Council, acting as the Contract Review Board for the City, hereby authorizes the City Manager to approve the purchase of Trimble GPS equipment and services from Pacific Survey Supply in the amount of \$50,756.30.

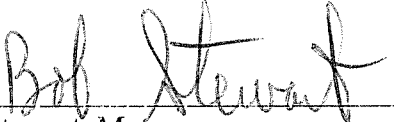
> **EFFECTIVE DATE** of this resolution is the day after the adoption date which is: August 3, 2004.

ADOPTED by the City Council of the City of Newberg, Oregon, this 2nd day of August, 2004.



James H. Bennett, City Recorder

ATTEST by the Mayor this 17th day of August, 2004.



Bob Stewart, Mayor

LEGISLATIVE HISTORY

By and through _____ Committee at / /2004 meeting. Or, X None.
(committee name) (date) (check if applicable)

EXHIBIT A

(Page 1 of 3)

GENERAL SERVICE ADMINISTRATION

FEDERAL SUPPLY SERVICE

Authorized Federal Supply Schedule Price List

On-line access to contract ordering information, terms and conditions, up-to-date pricing and the option to create an electronic delivery order are available through GSA Advantage!™ The internet address for GSA Advantage!™ is: <http://www.fss.gsa.gov>.

FSC GROUP 66, PART II, SECTION Q

FSC CLASS 6675

SPECIAL ITEM NUMBER: 18-129A - 66-614

CONTRACT NUMBER: GS-07F-5588P

 **Trimble Navigation Limited**

5475 Kellenburger Road
Dayton, OH 45424

1-800-TRIMBLE

LARGE BUSINESS

CONTRACT ADMINISTRATION SOURCE: Clyde Barrett

Updated February 13, 2004

CONTRACT PERIOD

February 14, 2004 THROUGH February 14, 2009

ESC CLASSES: 6655, 6660, 6675 - Instruments and Laboratory Equipment; Environmental Sampling and Analysis Equipment (Geophysical, Oceanographic, and Meteorology (Weather) Instruments); Surveying Instruments and Systems

EXHIBIT A

(Page 2 of 3)



5475 Kellenburger Road
Dayton, Ohio 45424-1099
PH: (937) 233-5105 FX: (937) 233-0522
1-800-538-7800 X 5105
www.trimble.com

**General Services Administration
Federal Supply Service
Authorized Federal Supply Schedule Price List (Catalog)**

Schedule Title: Federal Supply Schedule, Group 66, Part II, Section Q
FSC Classes: 6650 and 6675 Contract Number: GS-07F-5588P
Contract Period: February 15, 2004 through February 14, 2009
Contractor's name, address, and phone number: Trimble Navigation Limited 5475 Kellenburger Road,
Dayton, Ohio 45424-1099, (937-245-5300) clyde_barrett@trimble.com
Contract Administration Source: Clyde D.L. Barrett phone: (937) 245-5190 fax: (937) 233-0522
Sales Information: Penny Pefrey, phone number: (937) 245-5105, penny_pelfrey@trimble.com
Business Size: Other than small TIN: 942802192 CAGE CODE: 3MJN0

Information for Ordering Activities

1. **Table of awarded Special Item Number (SIN):** 66-614, 66-613, 66-502, 66-504, 66-506, 66-507, 66-508
2. **Maximum Order Limitation:** \$500,000.00
3. **Minimum Order Limitation:** \$100.00
4. **Geographic Coverage:** 48 contiguous states, District of Columbia, Alaska, Puerto Rico Hawaii and OCONUS locations. Shipment to OCONUS locations covers delivery to point of exportation
5. **Point of Production:** Dayton, Ohio, Montgomery County
6. **GLOBAL POSITION SYSTEMS**

| | |
|---------------------------------|-------------|
| Mapping & GIS | 10% |
| Marine Survey | 10% |
| Telvetant | 10% |
| Military Advance Systems (MAS) | 10% |
| 5700/5800 Series Total Stations | 10% |
| Survey GPS | 10% and 20% |

SURVEYING EQUIPMENT

| | |
|---|-----|
| 5600 Series Total Stations | 10% |
| 3600 Series Total Stations | 20% |
| 3300 Series Total Stations | 20% |
| Construction Instruments General | 30% |
| Construction Instruments (Underground System) | 30% |
| Construction Instruments Interior | 30% |
| Construction Products 3D | 30% |
| Construction Products 2D | 30% |
| Construction Instruments Nikon | 30% |

EXHIBIT A

(Page 3 of 3)



| | |
|---|-----|
| AL200 | 30% |
| DINI 12 | 10% |
| Terramodel | 20% |
| EQUIPMENT MAINTENANCE & REPAIR | 30% |
| POST-PPURCHASE CALIBRATION | 30% |
| SERVICE AGREEMENT | 30% |
| TECHNICAL TRAINING & SUPPORT | 30% |
| TECHNICAL/APPLICATION DEVELOPMENT SUPPORT | 30% |

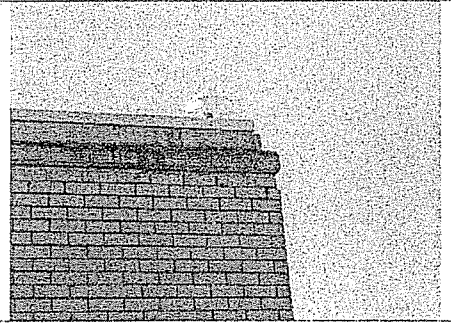
7. **Quantity Discounts:** None
8. **Payment Terms:** None
9. **Government Commercial Credit Card:** Accepted
10. **Foreign Items:** N/A
11. **Time of delivery:** Within 30 days after receipt of order
12. **FOB point:** F.O.B. destination contiguous 48 states and District of Columbia. Shipment to other locations covers to point of exportation only.
13. **Ordering address:** 5475 Kellenburger Road, Dayton Ohio, 45424-1099
14. **Payment address:**
 - EFT PAYMENT ADDRESS:
 - ABA #12100248 Wells Fargo Bank
 - SWIFT CODE: WFBIUS6S 400 Hamilton Avenue
 - Acct.# 403-0018808 Palo Alto, CA 94301
 - Reference: Company and Invoice Numbers
 - PAYMENTS SENT VIA US MAIL. PAYMENTS SENT VIA EXPRESS MAIL, COURIER OR MESSENGER:
 - Trimble Navigation Limited Trimble Navigation Limited
 - Dept. 1007 891007
 - P O. Box 121007 888 South Greenville Ave. STE 200
 - Dallas, TX 75312-1007 Richardson, TX 75081
15. **Warranty:** Trimble Navigation Limited Commercial Warranty
16. **Export packing charges:** N/A
17. **Terms and conditions of Government Purchase Card acceptance:** Yes
18. **Terms and conditions of rental, maintenance, and repair:** N/A
19. **Terms and conditions of installation:** contact Clyde D.L. Barrett, (937) 245-5190
20. **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list price:** N/A
21. **List of service and distribution points:** contact Clyde D.L. Barrett, (937)245-5190
22. **List of participating dealers:** Clyde D.L. Barrett, (937) 245-5190
23. **Preventive Maintenance:** point of contact is Clyde D.L. Barrett (937) 245-5190
24. **Special attributes such as environmental attributes:** None
25. **Data Universal Number System (DUNS) number:** 124120655
26. **Notification regarding registration in Central Contractor Registration (CCR) database:** expires November 26, 2004.

EXHIBIT B

CORS/RTK GPS SYSTEM COMPONENTS

Base Station (CORS)

The Zepher Geodetic Antenna, as well as a small whip antenna for the radio modem, will be mounted on top of City Hall. The Geodetic Antenna is 13.5" in diameter, 3" deep, and weighs 2.2 pounds. It will have a protective cover similar to the one shown here. The antenna will be mounted on a 2"x4" stainless steel post which will be bolted to the building.



The Zepher Antenna will have a cable connection to the NetRS GPS receiver, which will be housed in a secure closet on the top floor of City Hall. The whip antenna will be connected to the radio modem in the same way. The receiver and radio modem are both about 6"x9"x3" and each weighs 3 ½ lbs. In the closet, the radio modem will be connected to the GPS receiver and the GPS receiver will be plugged into an existing ether port which will allow the receiver to communicate with a chosen existing computer station in the building. The computer station will have GPS Base software, which runs the base station and radio automatically, 24/7.

Rover (RTK)



Both antennas for receiving transmissions from satellites and the base radio are completely housed in the R8 receiver as well as the battery, memory and processing hardware. It weighs about 2 ½ lbs and can be mounted to a backpack for GIS data collection, a pole for high-accuracy data collection, or a tri-pod for super-high accuracy network establishment. It's tough, designed to survive a 6 ½ foot drop, water-proof to a 3 foot submersion depth, and can function in temperature extremes from -40° F to 149°F. It contains blue-tooth wireless technology for cable-free communication with the controller. The color TSCe controller is also designed for rugged field work. It weighs 2.2 lbs and has a full, alpha-numeric keypad. The Trimble Survey Controller software is user-friendly and can handle all the GPS applications mentioned above but additional controller software, such as ESRI's ArcPad, can also be loaded, if preferred.