



SEDGWICK COUNTY, KANSAS

DIVISION OF FINANCE

Purchasing Department

604 N. Main, Suite F : Wichita, KS 67203 : Telephone (316) 660-7255 : Fax (316) 383-7055

**REQUEST FOR BID
BID # 06-0132**

**GPS SYSTEM AND ACCESSORIES
Addendum # 1**

October 30, 2006

Attached please find question(s) that were submitted regarding the referenced document.

Carefully review this Request for Bid, it provides specific technical information necessary to aid participating firms in formulating a thorough response. Should you elect to participate, submit one (1) original and two (2) copies of the entire document with any supplementary materials **NO LATER THAN 1:45 p.m. CST, Tuesday, November 7, 2006**. Responses must be sealed and marked on the lower left-hand corner with the firm name and address, bid number, bid due date, and bid opening time. Late or incomplete responses will not be accepted and will not receive consideration for final award.

PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON YOUR RESPONSE FORM.

Kim Hamilton
Purchasing Agent

After review of the RFB, we are requesting a one (1) week extension to the date posted in the bid of October 31, 2006.

The County has changed the bid opening date from October 31, 2006 to November 7, 2006. The following revised dates are provided for information purposes and are subject to change without notice. Contact Kim Hamilton, Purchasing Department at (316) 660-7255 to confirm any and all dates.

Distribution of Request for Bid to interested parties _____ October 13, 2006
Addendum Issued _____ October 30, 2006
Sealed Bids due before 1:45 p.m. CST _____ November 7, 2006
Evaluation Period _____ November 7 – November 9, 2006
Board of Bids and Contracts Recommendation (If Required) _____ November 9, 2006
Board of County Commission Award (If Required) _____ November 15, 2006

The following questions have been received regarding RFP #06-0132. Questions are *italicized* and Answers are **bolded**.

1. *Is the county going to charge the end user for access into this system?* **No, this will be a shared County wide system cooperating with National Geodetic Survey (NGS).**
2. *Is the supplier in charge of collecting any fees?* **No, if at any time the County needs to implement a fee into this program it will be collected by the governing bodies.**
3. *Does the county have permission to mount the technology in proper sites around town? Have the sites been located?* **Yes, the mounting sites have been located and will be on County owned property.**
4. *The GPS receiver must be buoyant in water. Concern: This is completely irrelevant to GPS technology and how it would be used.* **This is a safety issue for the Sedgwick County survey crews. The survey crews are on/in the water several times a year. In 2006 the County survey crews have been on/in the Big Arkansas River, the Ninnescah River and in all channels that they have surveyed for County bridges. It will be important that the GPS receiver is buoyant so the County won't have to replace a \$10,000-\$30,000 piece of equipment. Again for the most part, this is also a safety issue, when the survey crew is in their boat and the undercurrent catches the pole and pulls it from their hands they can stay in the boat and follow the equipment downstream instead of jumping in the water, also when wearing hip waiters surveying channel flow lines when they fall in a deep spot they wont have to worry about the equipment before themselves.**
5. *Provide software that is the most current release supported.* **YES, this is a Minimum Mandatory Requirement.**

6. *Provide hardware that is new, not used or reconditioned. Concern: Why is it requested for the latest software but not the latest hardware?* **The County requests an implemented system that is working and can be proven to work within the United States. The County also request the CORS stations will meet NGS guidelines for a cooperative CORS as mentioned in the specifications.**

7. *Most recent GPS specific articles all mention that the current US satellite hardware in orbit is declining and is under funded. Why would the county buy into technology that is getting worse?* **The US (DOD) Department of Defense may be under funded as with any governmental agency. The GPS satellite system was designed for and is operated by the U.S. military. All satellites experience a steady 2 – 5% decline each year in solar power due to cosmic ray degradation. Many satellites are operating beyond their planned 10-year lifetimes and are being replaced by the U.S. Military at modest rates. The orbiting GPS fleet is critical to U.S. military forces around the globe and will not cease to exist. The County requests a bid on equipment with the technology as mentioned in the specifications.**

8. *All hardware, software and network configurations must be fully compatible with the existing Leica CORS Reference Station in Wichita.*

Concern Questions:

8.1 *What type of data is being transmitted from this Reference Station?* **RTK data and Static data Cooperative CORS (Continuously Operating Reference Station).**

8.2 *How is that data managed?* **By the Software.**

8.3 *Is that Reference Station data going to be available to the general public?* **Yes, they will need to fill out an application or data sheet to use the RTK (for static data NGS will monitor that data and once it is on the national network anyone in the United States will have access that data). Every user will have to have the serial number of the equipment they are using so the County can key them in for access.**

8.4 *Why is Sedgwick County requesting new product that works with hardware they do not own (CORS Reference Station), but is not asking for product that works with GPS receivers that they do own?* **Sedgwick County Public Works (survey) has been working on reference stations (CORS) for the last three years. The GPS equipment that is being traded in is no longer upgradeable. Sedgwick County Survey has another pair of GPS equipment units that is working, this unit takes a two man crew (one to watch the base and one to run the rover), the localization can take anywhere from one day to a week or two weeks depending on the size of the job. With the new equipment localization will be at a minimum of one or two days for any size of job under the same circumstances. Because of cellular issues existing units will be used as back up units and they will work with smart rover listed in bid specs**

8.5 *Why is Sedgwick County requesting new product?*

- **Safety, survey crew won't be stationary in the middle of the road.**

- **Create a means to easily verify the accuracy of plans, as-built construction, section corners, bench marks, drainage, utilities...**
- **Work with Division of Information and Operations locating County fiber optics.**
- **Work with Geographical Information System on mapping.**
- **Surveys will be in State Plane Coordinates for Geographical Information System and Division of Information and Operations.**
- **Reduce the overall cost for consultant services provided to the County for plans and surveying purposes.**
- **Reduce in-house survey time, productivity, one surveyor or tech verses two, labor savings.**
- **County wide will be on state plane coordinate system.**

This is not a contract to any user or end users, at anytime the County may be independent until such time there is a contract in place. This is a bid for Sedgwick County Public Works Survey Department.