

Bid 987

GPS Bid Specifications

2 GNSS network Rovers and 2 Field computers

Rover Specifications:

Dual frequency and multi –constellation RTK receivers

Must be able to track the following signals:

GPS L1 C/A, L1C, L2P,

GLONASS L1 C/A, L1p, L2 C/A, L2P

SBAS L1 C/A WAAS/MSAS/EGNOS

QZSSL1 C/A, L1C, L2C

GAGAN

Battery operation- must operate up to 12 hours under any configuration

Wireless multi –channel long range Bluetooth capability

Must be able to be configured as a rover/base

RTK communication should be carried out through cell –enabled field controllers

Two 2.5 meter carbon fiber rover poles

Field Computer Specifications:

7 in. display

Windows 10 operating system

GPS enabled

Long range Bluetooth capability

Wi Fi enabled

Cellular capability: internal cell modem 4G LTE

Front and rear camera

Appropriate cradle and clamp to attach to 2.5 meter rover pole

Bid Proposal (continued)

Batteries should be lithium ion rechargeable

Operating time : up to 15 hours

4GB LPDDR3 RAM, user accessible

Must come with appropriate software to work with proposed GNSS rover receivers

All Sealed Bids must be received by the City Recorder by 2:00 PM September 12, 2016.

Lisa Crockett, City Recorder

405 North Main Street

Springfield, Tennessee 37172

The City of Springfield reserves the right to reject any and all bids.