

ADDENDUM #1

TO REQUEST FOR PROPOSAL - BOONE COUNTY, MISSOURI
9-1-1 Geographic Information System
Request for Proposal Number: 23-29APR03

This addendum is issued in accordance with the Instructions to Offerors and is hereby incorporated into and made a part of the Proposal Documents. Offerors are reminded that receipt of this addendum should be acknowledged and submitted with Offeror's *Response Page*.

Specifications for the above noted Request for Proposal and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

PROPOSAL DOCUMENTS:

1) ADD Paragraph 3.1.2. to page 8:

The intent of this proposal is to inform the Offerors what GIS files Public Safety Joint Communication currently has and what is currently being created. This background information is provided to help the Offerors determine the GIS work that is still needed to be completed by the awarded Contractor to provide a fully functional system as described in the scope of work.

2) ADD Paragraph 3.2.5. to page 9:

County Current Database Platform:

Mapping Files: ESRI Shapefiles
MSAG: MS Excel
Other Miscellaneous Files like CAD (Computer Aided Streetfiles): MS Access

3) ADD Paragraph 3.3.13. to page 12:

Offeror should provide an analysis of the current GIS data and provide a report to the County detailing potential errors and problems. Offeror should provide pricing for whatever data needs may be discovered.

4) ADD Paragraph 3.3.14. to page 12:

The 911 Map Display System should reside on new hardware. Pricing should be detailed separately in case this option becomes cost prohibitive for the County.

5) ADD Paragraph 3.3.15. to page 12:

Both the map data and the map display software should be able to be updated via a network solution, instead of going to each workstation individually.

There shall be a total of eight (8) positions of the map display system which are all located in the Operation's Room.

6) ADD to paragraph 3.2.2., under *Files and Data that Still Need to be Created or Tweaked*, under *Site layer for the entire County*:

A site layer is defined as a point layer representing every physical address in Boone County. Physical address is defined as every building that has a unique address from which someone could possibly call 911.

7) ADD to paragraph 3.2.2., under *Files and Data that Still Need to be Created or Tweaked*, under *Building footprint data for areas outside the city limits of Columbia, Missouri*:

This layer is not necessary for the information to be plotted on a mapping system; it will be used as an assistance feature for PSJC operators to have a real world reference. The Offeror may separate this out in their proposal response. The County can provide a digital copy of all building footprints in the County. These are not geo-referenced in any way, as well as the one meter/pixel aerial photography of the entire County.

8) ADD to paragraph 3.3.2., page 9:

All of PSJC's equipment is Phase II compliant. PSJC has sent requests for Phase II service to all local carriers. At this time, T-mobile is beginning the Phase II switchover and PSJC expects to receive their data by May 1, 2003. The rest of the carriers have not yet provided the Phase II Data. PSJC mailed requests in January and carriers have six months to implement Phase II according to FCC guidelines.

The Phase II system solution is chosen by each individual carrier. Basically, they will either upgrade their towers to essentially triangulate a caller's position, or the phones will be upgraded with GPS capabilities. Some carriers in other areas have chosen a hybrid of the two solutions by upgrading their towers as well as their phones. However, if the Phase II data is unable to be sent by the carrier that has already implemented Phase II, the 911 call has the capability to roll back to Phase I, where the caller's location can be generally determined by cell site and sector information.

A description of the general sequence of events from the inputs (call initiation) to the outputs (map, data, etc) includes:

A cell phone or wireless caller dials 911. That caller's location is determined by the cell phone carrier in terms of latitude and longitude (at a solution of their choice). The call is routed to the appropriate PSAP (Public Safety Answering Point) where the caller's cell tower and sector information and the lat/long is relayed to the PSAP's call processing equipment, which is then translated into a real world position on the Offeror's proposed system.


A landline or wireline caller would be processed in the same way, except that the location information is determined by the LEC (Local Exchange Carrier) – CenturyTel, through a database that they maintain of all their customers. The number where the caller is located is then associated with the 911 address stored in the database and relayed to the PSAP. The address is then translated into a real world location by the Offeror's software and displayed for PSJC operators.

9) ADD to paragraph 3.2.3., page 9:

This proposal is for a totally new software solution for PSJC, and must be able to reside on the same hardware as the CML Sentinel 911 software, and should be able to be standalone software on separate hardware. The system must be able to interface with the CML Sentinel 911 software and hardware, as well as our current CAD, Aether MDT software and any reverse calling software and disaster mitigation software.

The Offeror's system must be able to interface with the GEAC CAD software, and will not replace any system in the PSJC center. The software is a completely new system.

PLEASE NOTE: This does not change the Proposal submission address. Proposals are due at the Boone County Purchasing Office, Johnson Building, 601 E. Walnut, Room 208, Columbia, Missouri, 65201-7731, no later than 1:25 p.m., Tuesday, April 29, 2003.

By: 
Melinda Bobbitt, CPPB
Director of Purchasing

OFFEROR has examined copies of Addendum #1 to Proposal Number 23-29APR03 – 9-1-1 Geographic Information System, receipt of which is hereby acknowledged:

Company Name: _____

Address: _____

Phone Number: _____ Fax Number: _____

Authorized Representative Signature: _____ Date: _____

Printed Representative Name: _____