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February 26, 2015

RFP 15-0623MD: Addressing Database and Maintenance System
ADDENDUM 2

The following Addendum is issued to add to, modify, and/or clarify the above named solicitation document. The items contained within this Addendum shall have the same force and effect as if contained within the first issued solicitation document and any cost involved shall be factored into the response. Proposers shall acknowledge receipt of this and any other addenda issued pursuant to this Request for Proposal in their proposal.

Proposals are to be submitted by **Friday, March 6, 2015 at 3pm** and shall conform in all respects to the additions and revisions listed herein. If you have submitted a Proposal prior to receiving this Addendum, you may request in writing that your sealed Proposal be returned to your firm. All sealed Proposals received will be opened on the date stated.

Item 1:
Question: How is the system being funded?

Answer: The Address System will be funded by the County General Fund.

Item 2:
Question: How is the County maintaining GISPROD and GISEDIT SDE instances to edit and share data with other systems? Is GISPROD non-editable? Are addresses edited in GISEDIT and synced to GISPROD?

Answer: GISPROD is a non-editable spatial database. Editing is performed in GISEDIT and python posting scripts copy edited data from GISEDIT to GISPROD. These scripts run on varying schedules depending on the frequency with which a layer may be edited. For example, the parcels get posted to production three times a week while the schools layer runs on demand when a new school feature is added. Scripts run generally one to three times a week (or on demand) depending on the layer edit frequency.

Item 3:
Question: Is the County expecting one database for all GIS editing layers or will the new addressing system have its own separate database?

Answer: The County is seeking an Address System that will utilize and edit the GIS data in the County's current GISPROD and GISEDIT instances. The address data would be kept in a separate database. GIS layer edits would take place in GISEDIT.

Item 4:
Question: What type of GIS data will be referenced during address or centerline editing or overlay calculation? Will addressing users have direct access to reference database or is the County planning to keep a copy locally in the new address system database? If locally, what is the County's plan to refresh data periodically?

Answer: The County expects Address System users to have access to the GIS SDE instances in order to provide the necessary reference data. Such reference data may include the following: Parcels, Address Points, Street Centerlines, Landmarks 123, Street Names 123, Secondary Street Centerline (e.g. driveways and parking lots), Zip Codes, Municipalities, Emergency Service Numbers, Fire Districts, Section Township and Range, Building Footprints, and Addressing Grid and Aerial Imagery. Typically, new street centerlines are delivered in a DWG file which includes the boundary and centerline of the project. The DWG file should be georeferenced. If not, the submitter is asked to re-submit the drawing file. Overlay calculations are currently done using zip code, municipality and emergency service number layers.

Item 5:
Question: In addition to using MSAG and ALI to initially update the new addressing system database, does the County expect MSAG and ALI to periodically update the new addressing system database? Does the County expect the new addressing system database to update MSAG and ALI?

Answer: MSAG and ALI are kept in sync by Verizon. MSAG and the Address System must be kept in sync. They will both be used to update each other if necessary. The County needs a comparison and not necessarily an automated update of MSAG.

Item 6:
Question: Is the County expecting to establish periodic CASS certification process with USPS?

Answer: The County is not familiar with the term CASS. The County plans to utilize the USPS County Project through the National Customer Support Center (https://ribbs.usps.gov/index.cfm?page=countyproject) to make an annual comparison with the Address System.

Item 7:
Question: What are the different sources of address points, centerlines, and street dictionary information to import into the new addressing system?

Answer: The County currently uses an address points layer and centerline layer. The County expects to analyze clean and import address information from the County's utility billing system, building permitting system and CAMA systems to insure the County has the most complete set of address data possible.

Item 8:
Question: Can the County provide additional information or documentation to help us further understand the current system integration?

Answer: Attached as Exhibit 1 is a GIS architecture diagram which shows the current implementation of the GIS platform.

Item 9:
Question: In reference to subsection B.06.1.9, what is the County's expectation of "production of a digital Address Atlas"?

Answer: The County needs the ability to generate address maps from the Address System at a 200 scale or ½ section on a D sized plot. The address maps would be used to replace the existing paper maps utilized by the Address Coordinator.

Item 10:
Question: What types of ArcGIS license and extensions does the County currently own or expect to utilize for this project?

Answer: The County currently has 25 ArcGIS Desktop Standards, 26 ArcGIS Desktop Advanced, 10 ArcGIS Server Standards (unsecured), 4 ArcGIS Server Standard (secured services) and 8 cores of ArcGIS Advanced. The County is prepared to purchase more ESRI licenses as required to support the Address System.

Item 11:
Question: In reference to subsection B.06.3, is the County expecting unidirectional data transfers (i.e. from new address system to other systems) or bidirectional data transfers (i.e. both systems will send and receive data in regular intervals)? Can the County provide additional integration documents or specifications?

Answer: The County envisions unidirectional data transfers from the Address System to downstream systems. At this time, the County cannot provide additional integration documents or specifications.

Item 12:
Questions: In reference to subsection B06.3.4, how should Accela interact with the new addressing system? Can the County provide integration specifications for the Accela address verification system?

Answer: Accela is a cloud based solution. At this time, the County is not able to provide additional information regarding the Accela applications.

Item 13:
Questions: How is the County expecting municipal jurisdiction users to login to the web portal? Do municipal users have access to domain authentication in the County's network?

Answer: The County is still in the process of establishing the guidelines for providing municipal partner access to the Address System. The County is considering using either VPN access or an alternative method such as the use of a web app firewall or reverse proxy.

Item 14:
Question: Can the Tyler and Accela applications read address data from an external source rather than storing internally?

Answer: The current CMA system from Tyler cannot perform that function. At this time, the County is not able to provide additional information regarding the Accela applications.

Item 15:
Question: Does the creation and use of a method to get address data directly into the four named applications (whether web service, direct database exchange, or dedicated API) create any issues with the County's license for the software, its support services, or other components of the external systems?

Answer: No, not to the County's knowledge.

Item 16:
Question: With respect to subsection B06.3.1, what is the application backend database?

Answer: Oracle 11g.

Item 17:
Question: With respect to subsection B06.3.1, does the application have the ability to make web service calls and update its internal database records based on the response given? If yes, please provide the format requirements (e.g. Json, XML, flat file or other).

Answer: The County does not have that information.

Item 18:
Question: With respect to subsection B06.3.1, what are the security level requirements on database population from external web services and applications?

Answer: The County does not have that information.

Item 19:
Question: With respect to subsection B06.3.2, in what format (spread sheet, Json, XML, flat file or other) does the current system extract address from the existing CAR?

Answer: Currently, the CAD 9-1-1 system does not extract addresses from an existing CAR. The County maintains an address feature class in GIS. The County uses this address data along with street centerline data to update the map data in CAD through the "map rollout process". The map rollout process typically occurs quarterly and during this process the County updates the "SP_AD or special address table" which is stored in the CAD schema. The CAD's back end is Oracle 11g.

Item 20:
Question: With respect to subsection B06.3.3, what is the application backend database?

Answer: Oracle 11g.

Item 21:
Question: With respect to subsection B06.3.3, this proposal is to consolidate addressing into one homogenous database, is Banner going to continue using a view from the new proposed CAR?

Answer: The County is seeking options that provide the most effective way of getting address information to the Address System.

Item 22:
Question: With respect to subsection B06.3.3, what are the field requirements for the view?

Answer: The field requirements are as follows:

UTRSTRT_STREET_NAME = Street name
(Note: Spell the first suffix out if the street name contains a dual suffix)
URTSTRT_STREET_SDX = Type "DUMM"
UTRSTRT_ZIPZ_CODE = Zip code
UTRSTRT_USER_ID = Type "GIS"
UTRSTRT_ACTIVITY_DATE = Date the data was written
UTRSTRT_STREET_NUMBER_FROM = House number
UTRSTRT_STREET_NUMBER_TO = Use house number typed in "FROM" field
UTRSTRT_PDIR_CODE_PRE = Prefix
UTRSTRT_PDIR_CODE_POST = Directional prefix
UTRSTRT_SSFX_CODE = Suffix
UTRSTRT_PARCEL_ID = Parcel ID
UTRSTRT_LATITUDE = Latitude
UTRSTRT_LONGITUDE = Longitude
UTRSTRT_ACRES = Acreage

Item 23:
Question: With respect to subsection B06.3.3, does Banner have the ability to read web services?

Answer: No, not to the County's knowledge.

Item 24:
Question: With respect to subsection B06.3.3, what are the security level requirements on the database population from external web services and applications?

Answer: This is non-applicable.

Item 25:
Question: With respect to subsection B06.3.4, what is the application backend database?

Answer: Accela is a cloud based solution. At this time, the County is not able to provide additional information regarding the Accela applications.

Item 26:
Question: With respect to subsection B06.3.4, does Accela have the ability to validate addresses using a provided web service?

Answer: At this time, the County is not able to provide additional information regarding the Accela applications.

Item 27:
Question: With respect to subsection B06.3.4, what are the security level requirements on database population from external web services?

Answer: At this time, the County is not able to provide additional information regarding the Accela applications.

All other terms of the original RFP remain unchanged.

Sincerely,

Matt Donley
Contracts Negotiator

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