

PREPARED BY R&S DIGITAL SERVICES INC.

Technical Proposal for GIS Enhancement Next Generation 9-1-1

State of Kansas Event-EVT0002573

Closing Date

10/9/2013

Signed by Bruce Schneider,
President R&S Digital Services Inc.



This technical proposal (Project B) prepared by R&S Digital Services Inc. 1920 A, 24th St, Great Bend Ks. 67530

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Section 1 - Transmittal Letter

October 3, 2013

Kansas Division of Purchases
Proposal # EVT0002573
Closing: October 9, 2013
900 SW Jackson Street, Room 102N
Topeka, KS 66612 1286
ATTN: Jerry Clements

RE: **GIS Enhancement - Next Generation 9-1-1**
Event ID EVT0002573

Dear Mr. Clements,

In response to the project event named above, R & S Digital Service Inc. (R&S) is pleased to submit a proposal to The State of Kansas for a comprehensive remediation services (Project B) in conjunction with Projects A & C outlined within your Request for Proposal. With over 37 completed projects in the State of Kansas and our familiarity with the NENA standard, R&S is uniquely qualified to provide any and all remediation services that could result from the Gap Analysis. We are prepared to provide these services regionally or individually within the PSAP's. We are providing you with the following for your consideration.

- (a) R&S is the prime contractor and will employ no subcontractors
- (b) R&S was incorporated in 1987 as an S corporation. In 1991 Bruce Schneider acquired sole interest in the Corporation. Bruce Schneider is the President / CEO.
- (c) No attempt has been made or will be made to induce any other person or firm to submit or not submit a proposal
- (d) R&S does not discriminate in employment practices with regard to race, color, religion, age, sex, marital status, political affiliation, national origin or disability.
- (e) No cost or pricing information has been included in the transmittal letter or Technical Proposal.
- (f) R&S has no interest, direct or indirect, which would conflict with the performance of services under this contract and agrees not to employ in the performance of this contract, any person having a conflict.
- (g) Bruce Schneider, the person signing this agreement is full authorized to make decisions regarding the pricing quoted and has not participated, and will not participate, in any action contrary to the above statements.
- (h) R&S fully agrees with all aspects stipulated in 2.3 Transmittal Letter item (h) of your RFP.
- (i) R&S agrees that any lost or reduced federal matching money resulting from unacceptable performance in a contractor task or responsibility defined in the RFP,

contract or modification shall be accompanied by reductions in state payments to the contractor.

- (j) R&S has not been retained, nor has R&S retained any person to solicit or secure a state contract on and agreement or understanding for commission, percentage, brokerage or contingent fee, except for retention of bona fide employees or bona fide established commercial selling agencies maintained by the bidder for the purpose of securing business. R&S further agrees to any remedies for breach of this provision as specified in 2.3 Transmittal Letter item (j) of your RFP.

Sincerely;

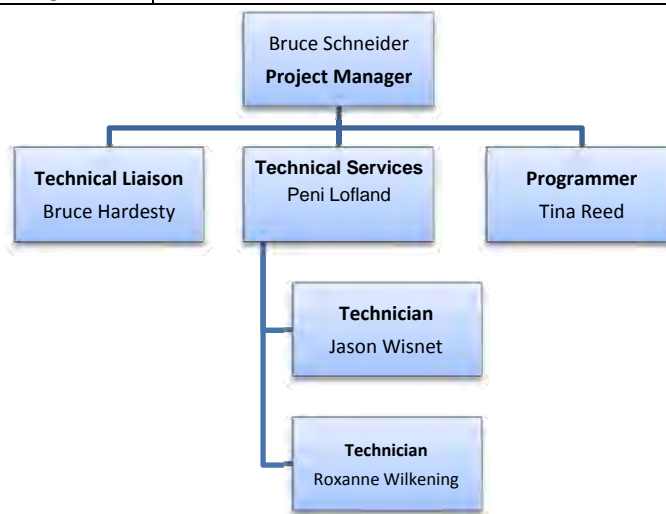
Bruce Schneider
President R&S Digital Inc.
620-792-6171

Section 2 – Bidder Information

R&S office is located in Great Bend, Kansas, and is a domestic corporation, incorporated in The State of Kansas. R&S is highly qualified to provide GIS and E9-1-1 mapping services, including the software skills to develop related applications. R&S has both national and local qualifications that will provide the State of Kansas an end-to-end solution for:

- GIS E9-1-1 Remediation Services compliant with the NENA Standards
 - GIS data integration services for Next Generation 9-1-1
 - Standardization and completeness for telephone number (TN) listings & Master Street Address Guide (MSAG) data
 - Development of regional or state-wide data layers.
- (a) **Date Established;** R&S Digital Services was established in 1986 as a partnership between John Radenberg and Bruce Schneider.
- (b) **Ownership;** the company was incorporated in 1987 as an S corporation. In 1991 Bruce Schneider acquired sole interest in the Corporation. Bruce Schneider is the President / CEO.
- (c) **Number of personnel assigned to the project;** 4 full time people and part time personnel will be utilized for this project. *The number of personnel is predicated on the assumption that Remediation will be developed by regions. (see table below)*
- (d) **Allocation of Resources;** All full time personnel will be allocated to the project through to completion of contractual requirements. Part time resources will be allocated to the various tasks, as required. *(see table below)*

Name	Company	Project Role	Assignment
Bruce Schneider	R & S Digital	Project Manager\Analyst	Full Time
Bruce Hardesty	R & S Digital	Technical Liaison	Full Time
Tina Reed	R & S Digital	Flex/VB Programmer Scripting	Part Time
Peni Lofland	R & S Digital	Technical Services Supervisor	Full Time
Jason Wisnet	R & S Digital	Technical	Full Time
Roxanne Wilkeney	R & S Digital	Technical	Part Time



R&S will be the sole point of contact for the project. We understand that The State will not subcontract any work under the contract to other firms and will not deal with any subcontractor associated with this project

Section 3 - Qualifications

R&S Digital Services, Inc.

R&S has been in business since 1986 providing a wide array of GIS services to local governments across the United States. Since 2004, the primary business focus has been serving local governments in Kansas. Since 1986, R&S has successfully delivered over 60 full scale GIS projects in a cost effective and timely manner within the State of Kansas. Many of the projects have been funded by either Homeland Security or through the Enhance 9-1-1 grant, under which R&S has completed 34 projects.

Specific to E9-1-1 experiences, R&S has developed a reputation for providing products that are fully synchronized between all vital components of the dispatching system, including the Centerline, MSAG, Address points and ALI. Additionally, the centerlines and addressing are constructed in a manner that yields a spatially accurate and topologically correct geo-database. R&S has advised many clients on the importance and value of an accurate base map for creating the centerlines and address points. R&S has been directly responsible for providing orthophoto base mapping and GPS field surveys to support the E9-1-1 programs. Through this E9-1-1 work experience, R&S has developed close-working relationships with AT&T and CenturyLink to ensure the success of the programs. Prior to delivering a dataset to the County, R&S pre-delivers the addressing dataset to the major local exchange and wireless carriers so they may perform the database testing. As a result of this validation process, a few anomalies are discovered and corrected prior to installation within the local government. The pre-testing procedure ensures 100% compliance to the AT&T and CenturyLink functional requirements. All projects completed by R&S have been designed to meet the data validation routines that both AT&T and CenturyLink employ. The vital NENA attributes have been modeled and incorporated into the delivery items prepared by R&S for the local governments.

R&S has completed 34 E9-1-1 projects in the State of Kansas. Similar to the GIS Enhancement – Next Generation 9-1-1 that the State is currently requesting, R&S has been contracted at the local level to evaluate the existing E9-1-1 datasets that were deemed operationally deficient and not uniform. R&S has gained the unique skill-set to analyze the problems of both spatial and tabular datasets to correct the issues in the most efficient manner. Having built a solid reputation one project at a time, R&S has distinguished itself as a domain expert for E9-1-1. The existing work procedures mirror the requirements set forth in this request. The R&S staff assigned to this project is experienced in the methods to internally analyze and to remediate the data compliant with NENA 02-014 & NENA 71-501 Synchronizing GIS with MSAG and ALI.

The R&S staff has 4 fully trained GIS technicians, 1 analysts and 1 programmer dedicated to E9-1-1 projects. All of the technicians have over 5 years' experience in E9-1-1 & GIS mapping projects. Bruce Schneider, the designated Project Manager, has 40+ years of survey, mapping and GIS experience. Bruce is the primary client consultant to complete the E9-1-1 projects and maintains a "hands-on" approach for every project. Bruce Hardesty has over 14 years' experience and has in depth knowledge pertaining to the operations within the PSAP's and will provide liaison services during the project. R&S has the ability to effectively manage, supervise and train the personnel with new project specific requirements.

R&S has provided GIS services to some of the largest entities in the Midwest, including the City of Denver, Colorado; Oakland County, Michigan and Oklahoma County, Oklahoma. R&S has built a business model that provides the same level of service at an affordable price to smaller entities in Kansas. By doing so, R&S is uniquely qualified to support the State of Kansas with comprehensive GIS Remediation services for Next Generation E9-1-1 (Project B), including the potential of correcting the datasets to create regional or state-wide data layers that serve the needs both of local 9-1-1 entities and PSAPs and regional or state-wide applications.

Next Generation 9-1-1 and R&S Digital

R&S Digital Inc. understands the critical importance of geospatial data in the NG9-1-1 world. The advancement of NG9-1-1 communication and IP technologies is fundamentally changing the roots of the 9-1-1 world, widening communication pipelines and offering a host of solutions virtually inconceivable in the 9-1-1 world in previous years. With better ways to move more data more quickly and to share that data with other entities, NG9-1-1 erases many of the technical obstacles in traditional 9-1-1 networking and distribution processes.

The geospatial elements of NG9-1-1 put GIS data front and center, allowing routing and transfer of 9-1-1 calls and associated data using GIS technologies and data. The heart of the system thus becomes the geospatial data itself and it will be used for a host of solutions, including call routing, MSAG database and location mapping. While the final specification for NG9-1-1 has not yet been approved for the state of Kansas, identifying through gap analysis those items that need to be brought into compliance with NENA and the remediation of the data will assure that a smooth transition into the NG9-1-1 environment.

R&S has spent considerable portions of its business lifecycle working in rural America and is intimately familiar with the challenges of deploying advanced technical solutions in rural areas with restricted resources.

Resumes-Key Individuals

BRUCE SCHNEIDER

Project Manager

- ◆ Owner of R&S Digital Services
- ◆ Responsible for all facets of operations and business management.
- ◆ Track record for 150 successful projects within Kansas and Nationwide.
- ◆ State Work Includes projects for Homeland Security and E9-1-1 mapping.
- ◆ Federal projects include FEMA DFIRM Mapping
- ◆ Mapping disciplines across all business and government sectors include; oil & gas, electric power generation, transmission & distribution; regulatory compliance; assessment & appraisal; hydrological modeling & hydrographic mapping; site design & analysis asset inventories, field inventory; courthouse records including indexes, deeds, plats, plans, permitting and CAMA.
- ◆ Conduct RTK, GPS Surveys for Collection of Photo Control points and Infrastructure features.
- ◆ Software GIS & CADD knowledge with ESRI, Intergraph, Bentley MicroStation, GeoPak, AutoCad, Leica, CAMA, Land Record Management, Microsoft Office and. Integration and database experience with product and software development for clients and operational efficiency.
- ◆ GIS Enterprise Database/Web Design and Development, design and implementation of ArcGIS Server Enterprise database for 15 Local Government Entities. Involved design and conversion of multiple Raster and Vector Datasets into ESRI ArcGIS Server. Manage development of Adobe Flex website.
- ◆ Software GIS & CADD expert with ESRI, Intergraph, Leica ERDAS, Bentley, AutoCad, LizardTech, Adobe Flex, PostgreSQL, and Microsoft.

EDUCATION

- ◆ Associates Degree Surveying, Kansas State University at Salina

REGISTRATIONS AND CERTIFICATIONS

- ◆ Certified ESRI Business Partner
- ◆ Kansas Association of Mappers
- ◆ Former Kansas Planners Association
- ◆ Certified 3D modeler with Sutherland Inc. Salt lake City, Utah
- ◆ Certified Intergraph Registered Consultant. IRC Huntsville, Alabama

PUBLICATION/EDUCATION/SEMINARS

- ◆ Kansas Association of Mappers, Presentation: Legacy mapping systems 2009
- ◆ Kansas Association of Mappers, Presentation: E-911 Mapping issues
- ◆ Missouri Mappers Association. Presentation: Disaster Mapping with GIS 2007
- ◆ Oklahoma County, Public Information Presentation: Tornado Response with GIS, 2000

EMPLOYMENT HISTORY

President General Manager, R&S Digital Services Inc., Great Bend, KS., 1986-2013 Responsible for business development, sales, operation, finance and administration. Program manager for large programs and multi-year projects.

Director of Planning Barton County Kansas, Great Bend, Kansas, 1983–1987. Responsible for all facets of planning and development of Comprehensive Development Plan, Implemented first PC based Digital-mapping project in Kansas. Resigned to manage R&S Full time in 1987.

Engineering Technician, City of Wichita Engineering Department, 1969-1972, 1976-1981. Conducted Preliminary Survey's and Construction Staking for Roads, Bridges and Sewers. Responsible for sales and marketing, GIS project management. Purchased the company from retiring owners in 1997.

BRUCE HARDESTY

Technical Liaison

- ◆ Assistant Project Manager and Sales for over 50 county projects in Kansas.
- ◆ Planned GPS ground control for Aerial Photography and data acquisition for both E9-1-1 projects and Cadastral projects
- ◆ Project Liaison services for active projects.
- ◆ Project Technician for 5 years
- ◆ 12 years' experience customer support.
- ◆ Software GIS ESRI, Intergraph, Leica ERDAS, Bentley, AutoCad, LizardTech, Adobe, and Microsoft.

EDUCATION

- ◆ Associate in Surveying and GIS, Kansas State University, Salina, Ks., 1998

REGISTRATIONS AND CERTIFICATIONS

- ◆ Past President Kansas Association of Mappers

PUBLICATION/EDUCATION/SEMINARS

- ◆ Intergraph Training
- ◆ ESRI ArcGis Training

PROJECT EXPERIENCE

Enhanced 9-1-1, Kansas Governor Grant Program; 30 plus Kansas Counties; 2005–2011. Sales and field representative for R&S. Was instrumental in signing and supporting existing E9-1-1 clients

Data Cadastral Automation, 30 plus Kansas Counties; 2005–2011. Work performed included acquiring County Mylar Tax maps, CAMA Database, Orion Database and Aerial Photography. Provided project management services for projects that included Ag Landuse Conversion utilizing current NAIP photography to analyze and update current agriculture land delineation. SSURGO soils were overlaid with the Parcel and Ag Use layers to allow for accurate updated acreage calculations to be generated. As a result the Counties were able to stop maintaining their manual mapping of the Mylar Tax maps and utilize the project for enhanced analysis.

GIS Technician 1999-2005 -Worked on multiple projects as a GIS Technicians. Trained on all software platforms in use at R&S and provided assistance with training for new employees. Was responsible for integration of datasets into contiguous a GIS data design. Provided on-site delivery of datasets to our client base and assisted with support.

TINA REED

Application Developer

- ◆ Primary Developer of ArcServer Cadastral Website. Developed Adobe Flex web interface accessing ArcServer and integrated tools for Appraisers office daily use.
- ◆ Developed Survey module and integrated into Adobe Flex Site. Allows access and retrieval of Quarter Corner survey data acquired from County Surveys.
- ◆ Developed Road and Bridge module and integrated into Adobe Flex Site. Allows retrieval of Bridge inspections and photos from inspections.
- ◆ Development knowledge with Adobe Flex, C, Java, SQL , Dream Weaver and Visual Basic.

EDUCATION

- ◆ B.S., Computer Information Science, Washburn University, Topeka, Ks., 2008

PUBLICATION/EDUCATION/SEMINARS

- ◆ Washburn Academic Scholarships, 2004-2008
- ◆ Computer Information Science Scholarships, 2005-2008
- ◆ Advanced Development Training with WebEOC
- ◆ Various KDEM Emergency Management Drills

PROJECT EXPERIENCE

WebEOC, State of Kansas Dept of the Adjutant General; KDEM, Topeka, Ks., 2008–2010. Javascript and html developing for Adjutant General and KDEM (Kansas Department of Emergency Management). While working with KDEM participated in numerous Emergency Management Drills and gained extensive Emergency Management knowledge. WebEOC provides secure real-time information sharing and functionality for information retrieval and reports.

EMPLOYMENT HISTORY

Application Developer II, State of Kansas Dept of the Adjutant General, Topeka, Ks., 2008–2010.

Responsibilities included WebEOC Administration, HEAT Call Logging Administrator and Database Administration including Access Database with SQLServer backend.

IT Intern, Federal Home Loan Bank, Topeka, Ks., 2006–2007. Responsible for software development and testing, Planning and Developing of software using Agile Methodology and Developing Web Applications utilizing Visual Basic.

Community Living Professional, Acting Team Leader & Community Living Assistant Manager, Sheltered Living, Topeka, Ks., 1997–2008. Responsible for the supervision of over 30 employees, problem solving utilizing teamwork and networking and participated in development of behavior programs.

PENI LOFLAND

Technical Supervisor

- ◆ Supervises all E9-1-1 Projects
- ◆ 7 years' experience at R&S
- ◆ Responsible for maintaining ArcGis Server clients.
- ◆ Software ESRI, Intergraph, Leica ERDAS, Bentley, AutoCad, LizardTech, Adobe, and Microsoft.

PROJECT EXPERIENCE

MSAG and Standardization and Synchronization – Supervises all MSAG Development - Responsible for the development of 30 MSAGs.

E-911 Maintenance and Cadastral Maintenance; 2005–2013 - Is responsible for all facets of parcel and E9-1-1 maintenance and reporting. Maintains SDE database and project files on ArcGis Server.

Analytical Services – Responsible for the analytical service request from our web-based clients and provides on going customer support to our maintenance customers.

EDUCATION

- ◆ Associate in Surveying and GIS, Barton County Community College

PUBLICATION/EDUCATION/SEMINARS

- ◆ Intergraph Training
- ◆ ESRI ArcGis Training
- ◆ SDE & ArcGis Server

Section 4 – Required Responses

5.2 Objectives

The overall objectives for this procurement are:

- a. **Standardization.** Early leadership and proper Tech Requirements ensure standard, homogenous NG9-1-1 tech solution statewide.
- b. **Rapid Deployment.** Counties follow common solution; intelligent rollout and implementation schedule.
- c. **Affordability.** State contract leverages economy of scale procurement channel for counties.
- d. **County Consensus.** A strong “Good Will” marketing plan establishes leadership, instills patience, promotes cooperation, and inspires collaboration.
- e. **High Availability.** Solution must be High Availability (HA) public safety criticality.
- f. **Compatibility.** National: NENA standards, latest revision at time of contract award.
- g. **O&M.** Commitment to Operations and Maintenance (O&M) work flow to maintain relevance of data.

5.3 Contract Awards

The State may award Project A - GIS Data Gap Analysis and Project C - GIS Data QA Audit to the same bidder or bidders.

The State may award Project B - GIS Data Remediation to multiple bidders. Bidder(s) awarded Project A and Project C is/are excluded from award for Project B.

Therefore, Bidder need only respond to that section(s) applicable to the Project of interest.

Bidder’s response goes here.

For which Project(s) are you submitting a Bid and Proposal (B&P)?

- a. **R&S is submitting a B&P for project B**

5.4 Progress Payments

Bidder(s) may invoice based on percent complete at:

- a. 30% complete
- b. 60% complete
- c. 90% complete

Note: 10% withheld as retainage until signed Letter of Acceptance (LOA).

6. APPLICABLE DOCUMENTS

The following documents are relevant to this RFP. However, the RFP including SOW and Specification take precedence over Applicable Document.

- a. NENA 02-014 GIS Data Collection and Maintenance Standards (latest issue at time of RFP)
- b. NENA 71-501 Synchronizing GIS with MSAG and ALI (latest issue at time of RFP)
- c. PSAPs of Kansas
- d. PSAP GIS Survey Results

Bidder's proposal response to this requirement(s) goes here.

(select one) **Fully Compliant**, Partially Compliant, Non-Compliant

Describe here your familiarity and involvement with NENA GIS standards and specifications. Describe your active participation of any NENA committees; if none, so state:

- a. **R&S has been providing E9-1-1 services in Kansas for 7 years and has completed over 34 full scale projects. Our data design was developed from the NENA standard and all 37 counties operate within the same design. We are the only Kansas based firm that builds an MSAG and performs the required synchronization for all data components that are delivered to the client.**

R&S has participated in conference calls pertaining to the implementation of the NENA standard in the State of Kansas and hosted by a sub-committee of the Kansas 9-1-1 Coordinating Committee.

7. IMPLEMENTATION SCHEDULE

The project basic timeline is shown in the table below.

Project	Activity	Months Post Contract	Remarks
A	GIS Data Gap Analysis a. Preliminary b. Intermittent c. Final	0-4 5-8 9-12	Each phase will capture a group of the PSAPs.
B	GIS Data Remediation a. Preliminary b. Intermittent c. Final	5-8 9-12 13-16	Data remediation may commence after first group of PSAPs analyzed. Each phase will capture a group of the PSAPs.
C	GIS Data QA Audit a. Preliminary b. Intermittent c. Final	9-12 13-16 17-20	Data QA Audit may commence after first third of PSAPs remediated. Each phase will capture a group of the PSAPs.

Bidder's proposal response to this requirement(s) goes here.

(select up to 2) On which Project(s) are you bidding? A B C

(select one) **Fully Compliant**, Partially Compliant, Non-Compliant

Describe here your ability to adhere to our Implementation Schedule. Include any applicable past experience and lessons learned in regard to implementation timelines.

Describe any assumptions and caveats; if none, so state.

- a. **Fully Compliant.** R&S can comply fully with the project implementation schedule once it is established which group of PSAPS is to be developed first. Our previous experience in remediation of data in the State of Kansas has provided us with the skills and knowledge to adequately plan and remediate the data in a timely fashion. We will employ the results of the Gap Analysis that is part of Project A and utilize their topology model to determine the nature of the errors and incorporate into our work flow to correct the spatial components of the data. **Not knowing the number of PSAPs that would be found in each group and whether they are contiguous or not we are making the**

assumption that there would be approximately 12-20 within each group and that they would be contiguous.

Based on these assumption a realistic schedule would be as follows

GIS Data Remediation

- a. Preliminary – Will take approximately 3 months to complete based on our assumptions much of this time will be taken up with acquiring any additional data from the counties and determining the exact number of errors that will be required to remediate the spatial and database components. This will be accomplished through the utilization of the exact topology model that the Project A vendor employs. There will be some overlap between Preliminary phase and the Intermittent phase which will be capitalized on by R&S Digital to facilitate rapid deployment of the project. We would calculate that we would finish this phase within the 7-month Post Contract giving us approximately 3 months to complete.
- b. Intermittent – This phase will be begin within the 8 month (Post Contract) all spatial corrections will be made at the beginning of this phase and will be compliant with the most current NENA specification. All edge mapping will be manually adjusted between PSAPs and continuity between PSAPs will also be developed. This will be completed prior to any synchronizing of Ali/ANI file, MSAG, Centerline or Address points and would be completed 11 Month (Post Contract)

c.

Final - Synchronization would commence following the completion of each counties spatial errors and adjustments. This process is the most labor intensive of all and will take approximately one week per county assuming an average number of errors of 2000. This number is based on or experience with the 34 counties that we have already performed these services in. Once the synchronization process is completed reports will be generated showing any anomalies that would require the PSAP to make changes to the address points or centerline ranges. AT&T and Century Link would be notified of the anomalies as well and would be provided with copies of all the data components for validation. Synchronization can be completed within the 14 month (Post Contract) and

We reserve the final 2 months for review and revisions of the data. Most of the time associated with resolving problems with regards to the anomalies that we find during the remediation is taken up with the time it takes for other providers to make determinations on how to resolve the changes or revisions. Within or workflow in Kansas we have always provided check plots and copies of the reports for the PSAP to review and accept. Most of the addressing problems are associated with addresses that were assigned incorrectly and with Centerlines that don't have sufficient range to accommodate an address. The Synchronization process will identify errors that cannot be resolved unless either the PSAP or their provider provides some direction with regards to the resolving the errors. We are assuming that we can make all of the necessary changes by the 16 month. (Post Contract)

8. REQUIREMENTS

8.1 Requirements Overview

During all phases of NG9-1-1 GIS development (Analysis, Remediation, Audit/QA), Contractor shall include, but not be limited to, addressing the following typical Kansas Dispatch Center data:

- a. Does PSAP have a GIS Operations and Maintenance (O&M) Workflow (for example Address Assignment)
 - a. Documented
 - b. Undocumented
 - c. Does not exist
- b. Who in the PSAP is responsible for issuing addresses (Agency, Organization, Department...)
- c. What is the policy of the PSAP for Address Point Placement
 - a. Center of structure
 - b. Entrance of driveway
 - c. does urban placement policy differ from rural placement
 - d. Other
- d. What is the policy of the PSAP for handling multi-address structures and/or sites such as businesses, shopping centers, apartments, mobile home parks...
 - a. On-point with a related table or listing of sub-addresses
 - b. On-structure at approximate location of sub-address
 - c. Other
- e. What CAD/Mapping software is used by PSAP
- f. Does PSAP have ArcGIS Desktop
- g. Who maintains GIS database for the PSAP
- h. Who is responsible for MSAG / ALI synchronization (add, delete, correct address points, street centerlines, ESN boundaries for the appropriate data layer)

- i. If PSAP is not responsible for MSAG, then how is the PSAP informed of changes (add, delete, correct)
- j. When was the GIS database last updated and how frequently
- k. Is GIS data co-shared and/or co-maintained with other PSAPs
- l. How current is the aerial imagery captured
- m. What resolution is the latest aerial imagery
- n. What GIS Data Layers are captured by the PSAP
 - a. Street Centerline
 - b. Address Points
 - c. ESN Boundaries
 - d. EMS Boundaries
 - e. County Boundary
 - f. Municipal Boundary
 - g. Fire District Boundaries
 - h. Law Enforcement Boundaries
 - i. Emergency Service Agency locations (fire, EMS, law enforcement)
 - j. Cell Site Tower Locations
 - k. Cell Site Geographic Coverage
 - l. Other
 - m. None of above

Many of these questions were answered by Kansas PSAPs in the form of a survey (Appendix A). The Survey Responses are posted on our website for large/multiple attachments: <http://da.ks.gov/purch/adds/default.htm> (attachments are listed by bid closing date and Bid Number).

Bidder's proposal response to this requirement(s) goes here.

(select one) Fully Compliant, Partially Compliant, Non-Compliant

(select up to 2) On which Project(s) are you bidding? A B C

Describe here your general experience with tasks above:

- **Fully Compliant:** Due to our exposure in over 34 PSAPS we have archived copies of all datasets consequently we could provide much of the information detailed above in the 34 counties that we mapped. While we do provide maintenance services for some of the PSAPs, most of the 34 PSAPs have either been doing their own maintenance or none at all. During the project we would utilize our project liaison for updating this information in the counties that we have previously worked in. Our familiarity with the operations in the PSAPs across Kansas would allow R&S to easily update those items within the Survey that are incomplete.

8.2 Project A – GIS Data Gap Analysis

8.2.1 In preparation of a Next Generation 9-1-1 (NG 9-1-1) system, Kansas must analyze the status of 9-1-1 specific geographic information system (GIS) data across approximately 117 PSAPs. The data must be analyzed both between and within Public Safety Answer Point (PSAP) service areas for topology and standardization. Kansas is in search of a Contractor who will provide a comprehensive analysis of GIS data integration issues, field standardization and data completeness [pertaining to telephone number (TN) listings and Master Street Address Guide (MSAG) data] for the development of a statewide GIS database, accessible to any and all of the PSAPs.

8.2.2 Since many unknowns remain in the implementation of NG 9-1-1, Kansas has chosen to use standards for GIS layers and fields as set by the National Emergency Numbers Association (NENA). The selected Contractor shall provide services that meet, are capable of meeting, or will meet NENA NG9-1-1 requirements and standards now available, or as they become available in the future.

8.2.3 The Kansas 9-1-1 Coordinating Council requires a representative sample (no less than 25%) of GIS analysis for consistency within each PSAP service boundary and for consistency between adjoining PSAP service boundaries. All data, GIS, telephone number listings, Automatic Location Information (ALI), and MSAG¹ needed for the analysis will be furnished. The following guidelines shall serve to develop the Contractor's GIS Gap Analysis project plan.

8.2.4 GIS Data Analysis

The GIS data analysis shall consist of various topology, attribute, and field name checks. Analysis tasks by PSAP shall be conducted to assess:

- a. Misalignments
- b. Duplications
- c. Splits Needed
- d. Road Name Consistency

¹ No emergency service only proprietary data will be provided as a part of this project. This includes but is not limited to, individual names and phone numbers.

- e. MSAG-Centerline Errors
- f. Telephone Number (TN) List – Site/Structure Location Errors
- g. Multi-Address Types
- h. Field Name Errors
- i. Attribution Errors
- j. Non-Standardized Fields

8.2.5 Centerline Layer

Road Name Consistency is dependent upon each PSAP. Under some circumstances road name changes should occur due to jurisdictional boundary changes. Examples:

- a. Acceptable situations
 - a. A highway that changes to a city street name near the city limits
 - b. A straight road that changes names at a city limit or county boundary.
- b. Unacceptable situations
 - c. A highway that switches back and forth from a city street name to a highway name several times within the city limits
 - d. A straight road with one name for most of the length and a different name on one or two segments with no corresponding boundary (municipal or county) in the area.

Other

- c. Number of misalignments
 - a. Overlaps
 - b. Gaps
 - c. Overhangs
 - d. Number of duplicate features
 - e. Line segments with the same name
 - f. Line segments with different name
- d. Number of road segments running the incorrect direction (Those segments that run high address [from node] to low address [to node])
- e. Number of road segments not broken at intersections and/or ESN boundaries
- f. Road name consistency for entire span of the road
- g. Comparison of MSAG and their centerline segments, provide the number of inconsistencies
- h. Compare fields within the layer to the NENA NG 9-1-1 standards for field names, content, and formatting
- i. List of non-NENA NG 9-1-1 standard fields

8.2.6 Polygon features

(Emergency Service Number (ESN) Boundaries [including the individual fire, EMS, law enforcement boundaries], County Boundary, Municipal Boundary, PSAP Service Boundary)

- ESN Boundary
- Fire District Boundary

- EMS Boundary
- Law Enforcement Boundary
 - a. Number of misalignments
 - a. Overlaps
 - b. Gaps
 - b. Duplication of features between PSAPs
 - a. Contains matching ESN numbers
 - b. Contains different ESN numbers
 - c. Analyze for inclusion (overlap) of all subordinate boundaries (fire, EMS, law enforcement) to the ESN boundary
 - d. Compare fields within each layer to the NENA NG 9-1-1 standards for field names, content, and formatting
 - e. List of non-NENA NG 9-1-1 standard fields

8.2.7 Site/Structure Location Layer

- a. Number of discrepancies between the telephone companies telephone number (TN) list and site/structure location layer (a.k.a. address point layer) (NENA 71-501)
- b. List of all multi-address structure formats (i.e. point separated out on building, points collocated [all in a single location], pull separate address from flat file)
- c. Compare fields with the layer to the NENA NG 9-1-1 standards for field names, content, and formatting
- d. List of non-NENA NG 9-1-1 standard fields

Bidder's proposal response to this requirement(s) goes here.

(select one) Fully Compliant, Partially Compliant, Non-Compliant

Describe here your general experience and proposal for accomplishing the tasks above:

- a. **Not Bidding on Project A.**

8.3 Project B – GIS Data Gap Remediation

Contractor shall remediate all deficiencies identified by the GIS Data Gap Analysis. The following guidelines shall serve to develop the Contractor's GIS Data Gap Remediation project plan.

- a. GIS Data Gap Remediation to NENA standards
 - a. PSAP closes gap using own internal resources, or
 - b. PSAP purchases services from statewide pre-approved Contractor schedule by Task Order purchase order

- c. Database to Kansas Data Access and Support Center (DASC)
- b. Develop highly accurate GIS data coordinated on statewide basis
 - a. Street centerlines
 - b. Address points
 - c. Jurisdictional boundaries
- c. Migration from current 9-1-1 to NG9-1-1 without degradation in 9-1-1 services (Risk Element)
 - a. Credibility
 - b. Accountability
 - c. Measurable results

Bidder's proposal response to this requirement(s) goes here.

(select one) **Fully Compliant**, Partially Compliant, Non-Compliant

Describe here your general experience with and proposal for remediation of GIS data deficiencies:

- a. **Fully Compliant** – R&S has developed a reputation for delivery E9-1-1 datasets that are highly accurate and fully synchronized within the State of Kansas. PSAPs have been referred to R&S by AT&T and Century link for remediation of their data. In these instances the necessity for thoroughly analyzing the data was imperative if we were to adequately remediate the data. Results from the analysis are provided to the client so they have an understanding of the magnitude of any work associated with the remediation process. Our remediation projects have varied from just a few isolated problems to major rework of the E9-1-1 data. We always bring the data into a standard that is compatible with NENA standard. We are providing you with an actual report showing the Topology errors and the rules that we have utilized to remediate the geometry. Additionally we are providing you with sample report detailing our communications with AT&T and the errors that we found during the MSAG Development. Synchronization and Standardization have been completed prior to issuing the report. The report details those anomalies that we found that required a determination by AT&T during validation of the data.

Sample Topology Report from ArcMap

Class1	Rule	Class2	Errors	Exceptions
	Must Be Larger Than Cluster Tolerance		0	0
ESN_Dist	Must Not Have Gaps		73	1
Fire_Dist	Must Not Have Gaps		96	1
Police_Dist	Must Not Have Gaps		43	1
EMS_Dist	Must Not Have Gaps		1	0
EMS_Dist	Must Not Overlap		0	0
ESN_Dist	Must Not Overlap		69	0
Fire_Dist	Must Not Overlap		78	0
Police_Dist	Must Not Overlap		0	0
Centerline	Must Not Overlap		24	0
Centerline	Must Not Intersect		24	0
Centerline	Must Not Have Dangles		0	189
EMS_Dist	Area Boundary Must Be Covered By Boundary Of	ESN_Dist	52	0
Fire_Dist	Area Boundary Must Be Covered By Boundary Of	ESN_Dist	87	0
Police_Dist	Area Boundary Must Be Covered By Boundary Of	ESN_Dist	0	0
Centerline	Must Not Self-Overlap		0	0
Centerline	Must Not Self-Intersect		0	0
Centerline	Must Not Intersect Or Touch Interior		26	5
Centerline	Must Be Single Part		0	0

Sample Topology Rules

Line

Must not have dangles

The end of a line must touch any part of one other line or any part of itself within a feature class or subtype.

Point errors are created at the end of a line that does not touch at least one other line or itself.

A street network has line segments that connect. If segments end for dead-end roads or cul-de-sacs, you could choose to set as exceptions during an edit session.

Use this rule when you want lines in a feature class or subtype to connect to one another.

Line

Must not overlap

Lines must not overlap any part of another line within a feature class or subtype. Lines can touch, intersect, and overlap themselves.

Line errors are created where lines overlap.

Lot lines cannot overlap one another.

Use this rule with lines that should never occupy the same space with other lines.

Line

Must not intersect with

Lines in one feature class or subtype must not cross or overlap any part of a line in another feature class or subtype.

Line errors are created where lines overlap, and point errors are created where lines cross.

Local roads cannot intersect or overlap major highways and must connect only at ramps.

Use this rule with lines whose segments should never cross or occupy the same space with lines in another feature class or subtype.

Polygon

Must be covered by

Polygons in one feature class or subtype must be covered by a single polygon from another feature class or subtype.

Polygon errors are created from polygons from the first feature class or subtype that are not covered by a single polygon from the second feature class or subtype.

Countries must be covered by states.

Use this rule when you want one set of polygons to be covered by some part of another single polygon in another feature class or subtype.

Polygon

Must not overlap

Polygons must not overlap within a feature class or subtype. Polygons can be disconnected or touch at a point or touch along an edge.

Polygon errors are created from areas where polygons overlap.

A voting district map cannot have any overlaps in its coverage.

Use this rule to make sure that no polygon overlaps another polygon in the same feature class or subtype.

Polygon

Must not have gaps

Polygons must not have a void between them within a feature class or subtype.

Line errors are created from the outlines of void areas in a single polygon or between polygons. Polygon boundaries that are not coincident with other polygon boundaries are errors.

Soil polygons cannot include gaps or form voids—they must form a continuous fabric.

Use this rule when all of your polygons should form a continuous surface with no voids or gaps.

Once the remediation services are completed the above topology model is run and corrected until there are No-errors in the report.

Sample Reporting format used for communication with AT&T during MSAG Development

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
			NEW DIR	NEW STREET NAME	LOW	HIGH	O	NEW LO	NEW HK	NEW O	COMMUNITY	NEW COMMUNITY	ES	NEW ES	EXC	NEW EXC	Comment	SORTING NAME	
1	DIF	STREET NAME		310TH				2901	2999	O	BURNS	PEABODY	243	222	BUR	LSSP	NEW	310TH	
2	E	10	(none)	10TH	1926	2098	E	2100	2198	E	BURNS	PEABODY	249	BUR	BUR	CHANGE	10TH		
4	E	10	(none)	10TH	2100	2998	E	2200	2998	E	BURNS	PEABODY	249	BUR	BUR	SPLIT	10TH		
5	E	10	(none)	10TH	2100	2998	E	2200	2998	E	BURNS	PEABODY	249	BUR	BUR	SPLIT	10TH		
6	E	20	(none)	20TH	2050	2099	B	2100	2199	B	BURNS	PEABODY	243	BUR	BUR	CHANGE	20TH		
7	E	20	(none)	20TH	2100	2749	B	2100	2199	B	BURNS	PEABODY	249	BUR	BUR	SPLIT	20TH		
8	E	20	(none)	20TH	2100	2749	B	2200	2739	B	BURNS	PEABODY	249	BUR	BUR	SPLIT	20TH		
9	E	20	(none)	20TH	2900	2999	B				BURNS	PEABODY	249	BUR	BUR	DELETE	20TH		
10	E	30	(none)	30TH	2113	2299	O	2127	2199	O	BURNS	PEABODY	249	BUR	BUR	SPLIT/CO	30TH		
11	E	30	(none)	30TH	2113	2299	O	2201	2299	O	BURNS	PEABODY	249	BUR	BUR	SPLIT	30TH		
12	E	30	(none)	30TH	2114	2298	E	2126	2198	E	BURNS	PEABODY	251	BUR	BUR	SPLIT/CO	30TH		
13	E	30	(none)	30TH	2114	2298	E	2200	2298	E	BURNS	PEABODY	251	BUR	BUR	SPLIT	30TH		
14	E	30	(none)	30TH	2300	2999	B	2300	2498	E	BURNS	FLORENCE	249	BUR	BUR	SPLIT	30TH		
15	E	30	(none)	30TH	2300	2999	B	2301	2499	O	BURNS	FLORENCE	249	BUR	BUR	SPLIT	30TH		
16	E	30	(none)	30TH	2300	2999	B	2500	2999	B	BURNS	PEABODY	249	BUR	BUR	SPLIT	30TH		
17	E	40	(none)	40TH	2250	2299	B	2250	2298	E	BURNS	PEABODY	251	BUR	BUR	SPLIT	40TH		
18	E	40	(none)	40TH	2250	2299	B	2251	2299	O	BURNS	PEABODY	251	BUR	BUR	SPLIT	40TH		
19	E	40	(none)	40TH	2300	2999	B	2300	2499	B	BURNS	FLORENCE	249	BUR	BUR	SPLIT	40TH		
20	E	40	(none)	40TH	2300	2999	B	2500	2849	B	BURNS	FLORENCE	249	BUR	BUR	SPLIT	40TH		
21	E	47	(none)	47TH TER	2850	2999	B	2850	2975	B	BURNS	FLORENCE	249	BUR	BUR	CHANGE	47TH TER		
22	E	50	(none)	50TH	2250	2299	B	2250	2298	E	BURNS	FLORENCE	251	BUR	BUR	SPLIT	50TH		
23	E	50	(none)	50TH	2250	2299	B	2251	2299	O	BURNS	PEABODY	251	BUR	BUR	SPLIT	50TH		
24	E	50	(none)	50TH	2300	2799	B	2300	2399	B	BURNS	FLORENCE	249	BUR	BUR	SPLIT	50TH		
25	E	50	(none)	50TH	2300	2799	B	2400	2498	E	BURNS	FLORENCE	249	BUR	BUR	SPLIT	50TH		
26	E	50	(none)	50TH	2300	2799	B	2401	2499	O	BURNS	FLORENCE	249	BUR	BUR	SPLIT	50TH		
27	E	50	(none)	50TH	2300	2799	B	2500	2799	B	BURNS	FLORENCE	249	BUR	BUR	SPLIT	50TH		
28	E	50	(none)	50TH	2975	2999	B	2976	2999	B	BURNS	FLORENCE	249	BUR	BUR	CHANGE	50TH		
29				80TH				2951	2999	O	BURNS	PEABODY	249	248	BUR	CDPN	NEW	80TH	
30	N	ALFALFA RD	(none)	ALFALFA	100	599	B	132	599	B	BURNS	PEABODY	249	BUR	BUR	CHANGE	ALFALFA		
31	N	ALFALFA RD	(none)	ALFALFA	600	649	B				BURNS	PEABODY	250	BUR	BUR	CHANGE	ALFALFA		
32	N	ARROW RD	(none)	ARROW	300	474	B	300	475	B	BURNS	PEABODY	249	BUR	BUR	CHANGE	ARROW RD		
33	N	BEE RD	(none)	BEE	475	499	B	476	499	B	BURNS	PEABODY	249	BUR	BUR	CHANGE	BEE RD		
34	E	BROADWAY	E	BROADWAY ST	100	704	B	100	799	B	BURNS	PEABODY	249	BUR	BUR	CHANGE	BROADWAY		
35	W	BROADWAY	W	BROADWAY ST	100	699	B	100	599	B	BURNS	PEABODY	249	BUR	BUR	CHANGE	BROADWAY		
36		CEMETERY LN	W	CEMETERY LN	100	799	B	200	799	B	BURNS	PEABODY	249	BUR	BUR	CHANGE	CEMETERY LN		
37	N	CHURCH	N	CHURCH AVE	100	599	B				BURNS	PEABODY	249	BUR	BUR	CHANGE	CHURCH		
38	S	CHURCH	S	CHURCH AVE	100	299	B				BURNS	PEABODY	249	BUR	BUR	CHANGE	CHURCH		
39	N	CINCINNATI AV	N	CINCINNATI AVE	100	499	B				BURNS	PEABODY	249	BUR	BUR	CHANGE	CINCINNATI AVE		
40				CINCINNATI AVE				100	100	E	BURNS	PEABODY	249	249	BUR	CHANGE	CINCINNATI AVE		

8.4 Project C – GIS Data QA Audit

The Contractor shall certify that GIS remediation has successfully brought the GIS data for each PSAP into compliance with NENA standards using a robust set of QA analytical tools according to the NENA NG9-1-1 GIS data model and GIS data layers. The following guidelines shall serve to develop the Contractor's GIS Data QA Audit project plan.

- a. GIS Statewide Gap Analysis and Audit
 - a. GIS Data Collection and Maintenance Standards according to NENA 02-014
 - b. GIS Database to MSAG and ALI Synchronization Process according to NENA 71-501 or equivalent at time of contract award
 - c. NG9-1-1 GIS Data Model according to or equivalent at time of contract award
 - d. Dual-pass QA process to ensure data integrity by developing State-accepted validation and comparison checkpoints.

- e. Establish border standards
- f. Performs Gap Audit post-remediation

Bidder's proposal response to this requirement(s) goes here.

(select one) Fully Compliant, Partially Compliant, Non-Compliant

Describe here your general experience with and proposal for remediation certification:

a. Not Bidding on Project C

9. DELIVERABLES

All deliverables shall include a signed Letter of Acceptance (LOA). The LOA shall be signed by an authorized member of the Customer and Contractor.

9.1 Project A – GIS Data Gap Analysis

The contractor shall deliver a Detailed Analysis Reports for each item listed under the GIS Data Analysis section by PSAP:

- a. Project Plan proposing Contractor's methodology for accomplishing SOW and satisfying specification requirements
- b. Preliminary Detail Analysis Report captures results of first group of PSAPs
- c. Interim Detail Analysis Report captures results of second group of PSAPs
- d. Final Detail Analysis Report captures results of last group of PSAPs
- e. Reports shall be delivered electronically as a Microsoft® Excel® spreadsheet
- f. The GIS Data QA contractor may require assistance interpreting the GIS Data Gap Analysis. The GIS Data Gap Analysis contractor shall provide that collaboration in a timely manner.
- g. Notification shall be made immediately to the State's single point of contact (*to be announced*) of any difficulties or problems meeting the requirements of the deliverables or schedule.

The reports shall address the following categories as a minimum:

- a. Analysis of redundancy, misalignment and others errors in topology
- b. Analysis for NENA NG 9-1-1 standardization
- c. Analysis of the accuracy between the telephone number (TN) list and/or ALI and the site/structure location layer
- d. Analysis of the accuracy between the MSAG and the centerline layer

- e. Identify all deficiencies in data using latest current NENA standards as basis for identifying gaps.

Bidder's proposal response to this requirement(s) goes here.

(select one) Fully Compliant, Partially Compliant, Non-Compliant

Describe here your general experience with and proposal for the Detail Analysis Reports. What additional categories are you proposing?

- a. Not Bidding on Project A.

The Contractor shall deliver Rough Order of Magnitude (ROM) Cost Estimates for the following items:

- a. Remediation of identified errors in topology (misalignments, redundancies, etc) of all layers analyzed, by PSAP boundary;
- b. Standardization of all data layers analyzed to meet the NENA field standardization requirements by PSAP boundary;
- c. Synchronization of the telephone number (TN) list and/or and site/structure location layer (a.k.a. address point layer) (NENA 71-501) by PSAP boundary;
- d. Creation of standardized GIS data layers found in for PSAP boundaries who do not have them (priced per layer);
- e. Creation of a standardized geodatabase template that enforces both attributes (fields) and topology for applicable layers.

Bidder's proposal response to this requirement(s) goes here.

(select one) Fully Compliant, Partially Compliant, Non-Compliant

Describe here your general experience with and proposal for developing ROM Cost Estimates for remediation of GIS data:

- a. Not Bidding on Project A.

9.2 Project B – GIS Data Gap Remediation

9.2.1 As GIS Data Gap Analyses become available for each PSAP boundary under review, the respective PSAP(s) may elect to remediate their own data, or they may ask the State to assist with remediation. This RFP will establish a list of pre-qualified contractors for GIS Data Gap Remediation.

9.2.2 In the event that a PSAP or groups of PSAPs prefer not to remediate their own GIS Data Gap, the State may issue individual Work Orders (WO) for pre-qualified contractors to bid the effort.

9.2.3 Once the remediation resource is identified, the State will furnish the GIS Data Gap Analysis for remediation.

9.2.4 The Contractor shall deliver:

- a. Project Plan proposing Contractor's methodology for accomplishing the SOW and satisfying specification requirements
- b. The review and remediation of State-furnished Data Gap Analysis, reporting any inconsistencies or errors in Data Gap Analysis
- h. Final Data Gap Remediation Report(s) electronically as a Microsoft® Excel® spreadsheet
- c. The GIS Data QA contractor may require assistance interpreting the remediated GIS data. The GIS Data Gap Remediation contractor shall provide that collaboration in a timely manner.
- d. Notification immediately to the State's single point of contact (*to be announced*) of any difficulties or problems meeting the requirements of the deliverables or schedule.

Bidder's proposal response to this requirement(s) goes here.

(select one) **Fully Compliant**, Partially Compliant, Non-Compliant

Describe here your general experience with and proposal for Gap Remediation and Reporting.

- a. **R&S is fully compliant and has been providing remediation services for many counties in Kansas. We have developed a reporting methodologies in conjunction with providing MSAG creation and synchronization service for AT&T and Century Link. We are providing you with the following Procedural Outline and an example of an excel worksheet depicting the reporting during the validation of the data.**

Procedural Outline

1. Acquire, inventory from Gap Analysis and review complete data sets for each County within project area.
 - 1.1 Centerline
 - 1.2 MSAG
 - 1.3 Address points
 - 1.4 ALI file
 - 1.5 District boundaries
2. R&S meet with States Point of Contact
 - 2.1 Introduce project team
 - 2.2 Establish POCs and Protocols

- 2.3 Review delivery milestones and timeline
- 2.4 Discuss statement of work and determine required adaptations in project work flow if any.
- 3. Request or meet with all PSAPs within project area to acquire any facilitating information.
 - 3.1. Addressing guides
 - 3.2. Maps depicting location of districts
 - 3.3. Any data depicting anomalous areas.
- 4. Begin internal analysis in contiguous or non-contiguous project areas
 - 4.1 Develop centerline topology model utilizing topology model provided by Gap Analysis;
 - 4.1.1 Overlaps
 - 4.1.2 Gaps
 - 4.1.3 Overhangs
 - 4.1.4 Number of Road Segments
 - 4.1.5 Determine analysis reporting format
 - 4.2 Develop polygon topology model utilizing topology model provided by Gap Analysis vendor;
 - 4.2.1 Overlaps between districts
 - 4.2.2 Gaps within feature classes
 - 4.2.3 Gaps and overlaps between separate feature classes
 - 4.2.4 Determine analysis reporting format
- 5. Begin implementation of internal analysis to determine the magnitude of the work over and above the 25% threshold established in the RFP. Analysis will be performed independently on each county found within the PSAP. All software products utilized during this process will be performed within ArcGIS, Microsoft Excel and facilitated utilizing Scripts written in Visual Basic.

The analysis will provide the basis for the technicians to further examine the items that exist outside the database design. A manual review will be performed and includes the following but not limited to:

- 5.1 Selection sets or attribute tags will be developed making review of the inconsistencies available to all members of the team during QC/QA prior to final delivery.
- 5.2 Each inconsistency or set of inconsistencies will be reviewed by an edit technician and verified with the actual vector data and available orthophoto imagery.
- 5.3 All inconsistencies will be tabulated and provided in a report that is clear and concise. A preliminary report will be provided for each jurisdiction and an integrated report for the entire project area..
- 5.4 Synchronization and Standardization analysis will be performed utilizing internal Tools and procedures developed by R&S.
 - 5.4.1 Standardization and synchronization of MSAG, telephone number (TN) list and or site structure location.
 - 5.4.2 Road name consistency.
 - 5.4.3 Field Name Errors
 - 5.4.4 Non-Standardized fields

- 5.4.5 Multi-Address Type list
 - 5.4.6 Attribution Error
 - 5.4.7 Non-Standardized Fields
 - 5.4.8 Any additional analysis requested by the State POC.
 - 5.4.9 Preliminary analysis report will be tabulated on merged Counties.
 - 5.4.10 All reports will be reviewed by and verified by an analyst for content and consistency between reports as part of an internal QC process.
6. The independently analyzed and remediated PSAPs will be merged in one geo-database. The merging will facilitate concurrent tasking in a manner that would expedite completing the project with the date specified in the RFP. Once all internal spatial analysis has been completed, remediation will be performed compliant with the NENA Standard and once completed reports will be generated pertaining to each counties individual E9-1-1 addressing system. Merging of the data and additional analysis will identify the inconsistencies along county boundaries and incongruous addressing scenarios relative to standardization and the ability to synchronize the data sets across political boundaries.
- 6.1. Begin analysis and remediation on merged project area.
 - 6.2. Internal analysis will concentrate on the intersection of the PSAPs
 - 6.3. Software to checks on merged datasets for standardization and synchronization, remediate compliant with NENA.
 - 6.4. Produce preliminary reports for both spatial and non-spatial items.
 - 6.5. Remediation of Merge data and begin analysis.
 - 6.5.1. Merged datasets will be visually inspected along adjacent boundaries to determine any obvious misalignments that would require manual adjustments.
 - 6.5.2. Gap Analysis topology model to identify the following misalignments between adjacent boundaries and there remediation;
 - 6.5.3. Remediate Line Overlaps
 - 6.5.4. Remediate Line Gaps
 - 6.5.5. Remediate Line Overhangs
 - 6.5.6. Remediate Line Duplication
 - 6.5.7. Remediate Polygon Overlaps
 - 6.5.8. Remediate Polygon Gaps
 - 6.6 Results of Synchronization and Standardization analysis will be utilized to remediate data to comply with the NENA Standard;
 - 6.6.1 Duplication of features between counties in order to determine matching ESN numbers or those that contain two different ESN numbers.
 - 6.6.2 Line segments with the same name and those with different names.
 - 6.6.3 Any additional analysis requested by the State Project manager following their review.
 - 6.6.4 Preliminary analysis report will be tabulated on merged Counties.

- 7 All reports will be reviewed and verified by an analyst for content and compliance with the specifications.
 7. Final tabulation of all reports will be collated into one concise format that will succinctly identify all those items that have been determined to be spatially outside the topology model, and those items that do not comply with the NENA Standard The report will be submitted electronically and will be customized to a mutually agreed upon format. The report will address the following items pursuant to the deliverables in the RFP.
 - 7.1. Analysis of redundancy, misalignment and other errors in topology.
 - 7.2. Analysis of NENA NG 9-1-1 standardization.
 - 7.3. Analysis of accuracy between telephone number (TN) list and/or ALI and other site/structure location layer:
 - 7.4. Analysis of accuracy between MSAG and the centerline layer.
 - 7.5. Estimates for the following items will be provided as part of the final delivered items.
 - 7.6. Corrections of identified errors in topology (misalignments, redundancies, etc.) of all layers analyzed by jurisdiction.
 - 7.7. Standardization all data layers analyzed to meet the NENA field standardization requirements by jurisdiction
 - 7.8. Synchronization of telephone number (TN) list and/or and site/structure location layer (a.k.a. address point layer) (NENA 71-501 v1) by jurisdiction;
 - 7.9. Creation of standardized GIS layers .
Creation of a standardized geo-database template that enforces both attributes (fields) and topology for applicable layers.

9.3 Project C – GIS Data QA Audit

As GIS data is remediated, the State will furnish to the GIS Data QA contractor the Final Data Gap Remediation Report(s) for audit.

Contractor shall deliver:

- a. QA Audit Project Plan proposing Contractor's methodology for accomplishing SOW and satisfying specification requirements
- b. GIS Remediation Checklist (based on current NENA standards)
- c. QA Audit Initial report addressing GIS Data Readiness of PSAPs
- d. QA Audit Intermediate report addressing GIS Data Readiness of PSAPs
- e. QA Audit Final Report addressing GIS Data Readiness of PSAPs delivered as a Findings Report in electronic format stating that remediation is acceptable or not acceptable

- f. Notification immediately to the State's single point of contact (*to be announced*) of any difficulties or problems meeting the requirements of the deliverables or schedule

Bidder's proposal response to this requirement(s) goes here.

(select one) Fully Compliant, Partially Compliant, Non-Compliant


Describe here your general experience with and proposal for GIS Remediation Checklists, and QA Audit Reports.

- a. Not Bidding on Project C.

Section 5 - References

See Following pages:

Logan & Gove County, Kansas

Project Background	Logan & Gove Counties are located in Western Kansas. R &S was selected to provide 9-1-1 addressing and maintenance services for Emergency Dispatch operations.	
Project Scope	<p>R&S was responsible for acquiring new aerial photography in the urban developed areas of Logan and Gove County. Public domain USDA orthophoto imagery was utilized for the rural areas. R&S conducted the GPS ground control surveys using photo identifiable features following the acquisition of the aerial photography. The GPS values were referenced to Kansas State Plane Coordinates, NAD83, U.S. Survey foot datum. Aerial triangulation was performed to generate a Digital Elevation Models (DEM) for the purpose of rectifying the aerial photography. Color digital orthophotos were generated at 1"=100' scale, .50' ground pixel resolution meeting National Map Accuracy Standards. The new digital orthophotos were edge-matched with the 2' ground pixel resolution orthophotos to create a county-wide seamless base map.</p> <p>R&S digitized the travel path of the street centerlines to create a seamless network for both Counties. The street centerline network was populated with address range attributes using NENA guidelines. The database was synchronized with ALI and MSAG for E9-1-1 emergency management dispatch functions. R&S is providing address map maintenance to support County functions. R&S is hosting the digital map dataset using ESRI software serving each County with a private web-based GIS solution.</p>	
Deliverables	<ul style="list-style-type: none">• Aerial photography acquisition• Ground Control Survey• Generation of Centerline• Address ranges• Synchronization of ALI, MSAG, Address points, Centerline• E9-1-1 map maintenance• Installation of data sets into ArcGIS	
Contact Information		
Contact	George M. (Pappy) Lies Director Logan-Gove Emergency Management	
Telephone	785-671-8918	
Address	710 W. 2nd St. Oakley, KS 67748	
Project Date	2006-2007 with ongoing services	
Area	2,144 square miles	


Bourbon County, Kansas

Project Background	Bourbon County located in Southeast Kansas. R &S was selected to provide 9-1-1 Addressing and maintenance services for Emergency Dispatch and parcel mapping services
Project Scope	<p>R&S was responsible for acquiring new county-wide new aerial photography. R&S conducted the GPS ground control surveys using photo identifiable features following the acquisition of the aerial photography. The GPS values were referenced to Kansas State Plane Coordinates, NAD83, U.S. Survey foot datum. Aerial triangulation was performed to generate a Digital Elevation Models (DEM) for the purpose of rectifying the aerial photography. Color digital orthophotos were generated at 1"=100' scale, .50' ground pixel resolution meeting National Map Accuracy Standards. The digital orthophotos were used to create a county-wide seamless base map for parcel and E9-1-1 mapping.</p> <p>R&S digitized the travel path of the street centerlines to create a seamless network. The street centerline network was populated with address range attributes using NENA guidelines. The database was synchronized with ALI and MSAG for E9-1-1 emergency management dispatch functions. R&S is providing parcel map maintenance to support County functions. R&S is hosting the digital map dataset using ESRI software serving each County with a private web-based GIS solution.</p>
Deliverables	<ul style="list-style-type: none"> • Aerial Photography Acquisition • Survey Ground Control • Evaluate legacy E9-1-1 system • Generate Street Centerline • Attribute address ranges to NENA standards • Synchronization of ALI, MSAG, Address points, Centerline • E9-1-1 map maintenance • Installation of data sets into geo-database • Parcel Mapping services with ongoing Maintenance • ArcServer web-site




Contact Information	
Contact	Mr. Shane Walker Public Information Officer/GIS Director
Telephone	620-223-3800
Address	210 S. National Fort Scott, KS 66701
Project Date	2007-2009 with additional ongoing services
Area	639 Square Miles


Barton County, Kansas

Project Background	Barton County located in Central Kansas. R &S was selected to provide 9-1-1 Addressing for the Communications Department	
Project Scope	<p>R&S was responsible for digitizing a new street centerline network. The seamless street centerline network was populated with address range attributes using NENA guidelines. The database was synchronized with ALI and MSAG for E9-1-1 emergency management dispatch functions. R&S integrated the datasets into existing GIS and Computer Aided Dispatch software environments.</p>	
Deliverables	<ul style="list-style-type: none">• Evaluate legacy E9-1-1 system• Generation of Centerline• Address ranges• Synchronization of ALI, MSAG, Address points, Centerline• Installation of data sets into Plant/CML Dispatching Software	
Contact Information		
Contact	Mr. Doug Hubbard Director of Communications	
Telephone	620-793-1920	
Address	1300 Stone Great Bend, KS 67530	
Project Date	2010	
Area	900 Square Miles	

Crawford County, Kansas

Project Background	Crawford County located in South East Kansas. R &S was selected to provide E9-1-1 Addressing and maintenance services for Emergency Dispatch and parcel mapping services
Project Scope	 <p>R&S was responsible for acquiring new countywide aerial photography. R&S conducted the GPS ground control surveys using photo identifiable features following the acquisition of the aerial photography. The GPS values were referenced to Kansas State Plane Coordinates, NAD83, U.S. Survey foot datum. Aerial triangulation was performed to generate a Digital Elevation Models (DEM) for the purpose of rectifying the aerial photography. Color digital orthophotos were generated at 1"=100' scale, .50' ground pixel resolution meeting National Map Accuracy Standards.</p> <p>R&S digitized the travel path of the street centerlines to create a seamless network. The street centerline network was populated with address range attributes using NENA guidelines. The database was synchronized with ALI and MSAG for E9-1-1 emergency management dispatch functions. Parcel maps were digitized with on-going maintenance to support County functions. R&S is hosting the digital map dataset using ESRI software serving each County with a private web-based GIS solution.</p>
Deliverables	<ul style="list-style-type: none"> • Aerial Photography acquisition consulting and QA services • Evaluate legacy E9-1-1 system • Generation of street centerlines • Attribute address ranges • Synchronization of ALI, MSAG, Address points, Centerline • E9-1-1 map maintenance • Parcel Mapping services with ongoing Maintenance
Contact Information	
Contact	Mr. Kyle Nelson
Telephone	620-724-7155
Address	111 E Forest Girard Kansas, 66743
Project Date	2009-2010 Updates MSAG & ESN 2013
Area	600 Square Miles


AT&T

Project Background	Provided verifiable and validated MSAG Data and ALI Databases
Project Scope	<p>Prior to delivery of the E9-1-1 street centerline network and addresses, the datasets were processed and tested with AT&T communication requirements. R&S worked closely with AT&T to insure that all delivery items were error free and fully functional with all dispatch functions.</p> 
Deliverables	<ul style="list-style-type: none"> • Synchronization of ALI & MSAG • 23 Kansas Counties • Projects from 2002 to current • Installations at County PSAP

Contact Information

Contact	Mr. Phillip Ryan AT&T Area Manager E9-1-1 Public Safety
Telephone	316-293-3106
Project Date	2005-current
Area	23 Kansas Counties

Century Link

Project Background	Provided verifiable and validated MSAG Data and ALI Databases
Project Scope	<p>Prior to delivery of the E9-1-1 street centerline network and addresses, the datasets were processed and tested with Century Link communication requirements. R&S worked closely with Century Link to insure that all delivery items were error free and fully functional with all dispatch functions.</p> 
Deliverables	<ul style="list-style-type: none"> • Synchronization of ALI & MSAG • 10 Kansas Counties • Projects from 2002 to current • Provide MSAG maintenance updates

Contact Information	
Contact	Mr. Terry Tollefson Major Account Manager
Telephone	913-345-6392
Address	5454 W. 110 th St Overland Park, KS 66211
Project Date	2005-current
Area	10 Kansas Counties

Section 6 - Attachments: Event Details, Signature Sheet

STATE OF KANSAS Event Details

PeopleSoft Strategic Sourcing

Event ID	Format	Type	Page
17300-EVT0002573	Sell	RFx	1
Event Round	Version		
1	8		
Event Name	GIS Enhancement for Next Gen 9-1-1		
Start Time	Finish Time		
08/23/2013 11:00:00 CDT	10/09/2013 14:00:00 CDT		

Event Currency: US Dollar
Bids allowed in other currency: No

Bidder: PUBLIC EVENT DETAILS

Submit To: Department of Administration
Procurement and Contracts
800 SW Jackson
Suite 600
Topeka KS 66612
United States

Contact: Jerry Clements
Phone: 785.296.7251
Email: jerry.clements@da.ks.gov

Event Description

The Kansas 9-1-1 Coordinating Council desires to assist Public Safety Answering Points transition to NG9-1-1 call handling and services. The Council is issuing this RFP for GIS Enhancement as three projects.

General Comments

- *****
0005 - Request for Proposal pursuant to K.S.A. 75-37,102
- ATTC - See the attachment for additional information.
- *****

Pre-proposal Conference - A pre-proposal conference will be held at 9:30 am, on September 5, 2013, at the following location:

Landon State Office Building
900 SW Jackson
7th Floor, Director's Conference Room
Topeka, KS, 66612

Interested parties may participate via teleconference:
Phone: 866-620-7326
Conference Code: 7852967251

Attendance is not required at the pre-proposal conference. Impromptu questions may be permitted and spontaneous unofficial answers provided, however bidders should understand that the only official answer or position of the State of Kansas will be presented in writing. Subsequent questions must be submitted electronically (MS Word) to the Procurement Officer (Event Contact) indicated above prior to close of business on September 17, 2013.

Failure to notify the Procurement Officer (Event Contact) of any conflicts or ambiguities in the Bid Event may result in items being resolved in the best interest of the State. Any modification to this Bid Event as a result of the pre-proposal conference, as well as written answers to written questions, shall be made in writing by addendum and dispatched to all bidders associated to this event. Only written communications are binding.

Answers to questions will be available in the form of an addendum on the Procurement and Contracts' website, <http://da.ks.gov/purch>.

It shall be the responsibility of all participating bidders to acquire any and all addenda and additional information as it is made available from the web site cited above. Vendors/Bidders not initially invited to participate in this Bid Event must notify the Procurement Officer (Event Contact) of their intent to bid at least 24 hours prior to the event's closing date/time. Bidders are required to check the website periodically for any additional information or instructions.

MANDATORY REQUIREMENT: If you are interested in bidding on this transaction you MUST BE OFFICIALLY INVITED to the event. Contact the person named above at least 24 HOURS BEFORE the official finish date and time to request the official invitation.

Due to State of Kansas SMART Strategic Sourcing System requirements, any bidder with an interest in bidding on any State of Kansas SOURCING EVENT must officially request an invitation from the Procurement Officer (Event Contact) at least 24 hours before the Bid Event official finish date and time. If you fail to request such in a timely fashion, your bid may be rejected in its entirety.

EXCEPTION: If you have received a Bid Event Document with your company's name in the upper right hand corner of the document, your company has already been invited to the bid event.

If you are not a registered bidder/vendor with the state of Kansas you must register as a bidder AND request official invitation at least 24 hours before the Bid Event official finish date and time. To register as a bidder visit the following web site: <http://www.da.ks.gov/purch/BidderRegistration.doc>

STATE OF KANSAS Event Details (cont.)

PeopleSoft Strategic Sourcing

Event ID	Format	Type	Page
17388-EVT0002573	Sell	RFX	2
Event Round	Version		
1	8		
Event Name	GIS Enhancement for Next Gen 9-1-1		
Start Time	Finish Time		
08/23/2013 11:00:00 CDT	10/09/2013 14:00:00 CDT		

Event Currency: US Dollar
Bids allowed in other currency: No

Bidder: PUBLIC EVENT DETAILS

Submit To: Department of Administration
Procurement and Contracts
800 SW Jackson
Suite 600
Topeka KS 66612
United States
Contact: Jerry Clements
Phone: 785.296.7251
Email: jerry.clements@da.ks.gov

BIDDER MUST OBTAIN A CURRENT TAX CLEARANCE CERTIFICATE

A "Tax Clearance" is a comprehensive tax account review to determine and ensure that the account is compliant with all primary Kansas Tax Laws administered by the Kansas Department of Revenue (KDOR) Director of Taxation. Information pertaining to a Tax Clearance is subject to change(s), which may arise as a result of a State Tax Audit, Federal Revenue Agent Report, or other lawful adjustment(s).

INSTRUCTIONS: To obtain a Current Tax Clearance Certificate, you must:

- Go to <http://ksrevenue.org/taxclearance.html> to request a Tax Clearance Certificate
- Return to the website the following working day to see if KDOR will issue the certificate
- If issued an official certificate, print it and attach it to your bid response
- If denied a certificate, engage KDOR in a discussion about why a certificate wasn't issued

Bidders (and their subcontractors) are expected to submit a current Tax Clearance Certificate with every event response.

REMINDER: You will need to sign back into the KDOR website to view and print the official tax clearance certificate.

Information about Tax Registration can be found at the following website:
<http://www.ksrevenue.org/buseregistration.html>

Procurement and Contracts reserves the right to confirm tax status of all potential contractors and subcontractors prior to the release of a purchase order or contract award.

In the event that a current tax certificate is unavailable, Procurement and Contracts reserves the right to notify a bidder (one that has submitted a timely event response) that they have to provide a current Tax Clearance Certificate within ten (10) calendar days, or Procurement and Contracts may proceed with an award to the next lowest responsive bidder, whichever is determined by the Director of Purchases to be in the best interest of the State.

Email Bid Submission will NOT be accepted for this Bid Event.

General Questions

Question	UOM	Best	Worst	Response
Does your organization accept the State of Kansas terms and conditions as stated?				<input type="text" value="Yes"/>

Required: Yes Mandatory ResponseNo

Response Comments

Political Subdivisions: Political subdivisions (City, County, School Districts, etc.) are permitted to utilize contracts administered by Procurement and Contracts. Conditions included in this contract shall be the same for political subdivisions. The State has no responsibility for payments owed by political subdivision. The vendor must deal directly with the political subdivision.
Is pricing available to political subdivisions?

Required: Yes Mandatory ResponseNo

STATE OF KANSAS
Event Details (cont.)

PeopleSoft Strategic Sourcing

Event ID	Format	Type	Page
17388-EVT0002573	Sell	RFP	3
Event Round	Version		
1	5		
Event Name			
GIS Enhancement for Next Gen 9-1-1			
Start Time	Finish Time		
08/23/2011 11:00:00 CDT	10/09/2013 14:00:00 CDT		

Event Currency: US Dollar
Bids allowed in other currency: No

Bidder: PUBLIC EVENT DETAILS

Submit To: Department of Administration
Procurement and Contracts
800 SW Jackson
Suite 600
Topeka KS 66612
United States
Contact: Jerry Clements
Phone: 785.296.7251
Email: jerry.clements@da.ks.gov

Response Comments

Procurement Card (P-Card): Presently, many State Agencies use a State of Kansas Procurement Card (Visa-branded P-Card) in lieu of a state warrant to pay for some of its purchases. No additional charges will be allowed for using the card.
May agencies use their P-Card for contract purchases?

Yes

Required: Yes Mandatory ResponseNo

Response Comments

Is a current Tax Clearance Certificate included with this bid event submission (refer to Item #3, Appendix B - Terms and Conditions, Event Details document)?

Yes

Required: Yes Mandatory ResponseNo

Response Comments

Is a completed Immigration Reform and Control form included with this bid event submission (refer to Item #4, Appendix B - Terms and Conditions, Event Details document)?

Yes

Required: Yes Mandatory ResponseNo

Response Comments

STATE OF KANSAS
Event Details (cont.)

PeopleSoft Strategic Sourcing

Event ID	Format	Type	Page
17988-EVT0002573	Sell	RFX	4
Event Round	Version		
1	5		
Event Name			
GIS Enhancement for Next Gen 9-1-1			
Start Time	Finish Time		
08/23/2011 11:00:00 CDT	10/09/2013 14:00:00 CDT		

Event Currency: US Dollar
Bids allowed in other currency: No

Bidder: PUBLIC EVENT DETAILS

Submit To: Department of Administration
Procurement and Contracts
800 SW Jackson
Suite 600
Topeka KS 66612
United States
Contact: Jerry Clements
Phone: 785.296.7251
Email: jerry.clements@da.ks.gov

Line Details

Line: 1 Item ID: Line Qty: 1 UOM: Batch Lot Bid Qty:
Required: No Reserve Price: No Min/Max Qty: No min / No max

Description: GIS Enhancement Services for NG9-1-1 Implementation

Question	UOM	Best	Worst	Response
Do NOT input any pricing here. Please respond thoroughly to the RFP as requested and respond to questions contained in this document.				<input type="text"/>

Required: No Mandatory Response: No

Response Comments

STATE OF KANSAS
Event Details (cont.)

PeopleSoft Strategic Sourcing

Event ID	Format	Type	Page
17388-EVT0002573	Sell	RFX	5
Event Round	Version		
1	5		
Event Name			
GIS Enhancement for Next Gen 9-1-1			
Start Time		Finish Time	
08/23/2011 11:00:00 CDT		10/09/2013 14:00:00 CDT	

Event Currency: US Dollar
Bids allowed in other currency: No

Bidder: PUBLIC EVENT DETAILS

Submit To: Department of Administration
Procurement and Contracts
800 SW Jackson
Suite 600
Topeka KS 66612
United States
Contact: Jerry Clements
Phone: 785.296.7251
Email: jerry.clements@da.ks.gov

Bidder Information

Firm Name: R&S Digital Services Inc.	
Name: Bruce Schneider	Signature: _____ Date: 10-07-2013
Phone #: 620-792-6171	Fax #: 620-793-5290
Street Address: 1920 A. 24th St. PO box C	
City & State: Great Bend, Kansas	Zip Code: 67530
Email: _____	

STATE OF KANSAS
Event Details (cont.)

PeopleSoft Strategic Sourcing

Event ID	Format	Type	Page
17988-EVT0002573	Sell	RFX	4
Event Round	Version		
1	5		
Event Name			
GIS Enhancement for Next Gen 9-1-1			
Start Time		Finish Time	
08/23/2013 11:00:00 CDT		10/09/2013 14:00:00 CDT	

Event Currency: US Dollar
Bids allowed in other currency: No

Bidder: PUBLIC EVENT DETAILS

Submit To: Department of Administration
Procurement and Contracts
800 SW Jackson
Suite 600
Topeka KS 66612
United States
Contact: Jerry Clements
Phone: 785.296.7251
Email: jerry.clements@da.ks.gov

Appendix A - Line Specifications

Line: 1 Item ID: Line Qty: 1 UOM: Batch Lot
Description: GIS Enhancement Services for NG9-1-1 Implementation

Item Specifications	
Manufacturer:	Mfg Item ID:
Item Length: 0	Item Height: 0
Item Width: 0	Dimension UOM:
Item Volume: 0	Volume UOM:
Item Weight: 0	Weight UOM:
Item Size:	Item Color:

Shipping Information	
Schedule: 1	Ship To: Procurement and Contracts
Quantity: 1	Procurement and Contracts
Due Date: 10/09/2013	800 SW Jackson
Freight Terms:	Suite 600
Ship Via:	Topeka KS 66612
	United States

STATE OF KANSAS Event Details (cont.)

PeopleSoft Strategic Sourcing

Event ID	Format	Type	Page
17988-EVT0002573	Sell	RFX	7
Event Round	Version		
1	5		
Event Name			
GIS Enhancement for Next Gen 9-1-1			
Start Time	Finish Time		
08/23/2011 11:00:00 CDT	10/09/2013 14:00:00 CDT		

Event Currency: US Dollar
Bids allowed in other currency: No

Bidder: PUBLIC EVENT DETAILS

Submit To: Department of Administration
Procurement and Contracts
800 SW Jackson
Suite 600
Topeka KS 66612
United States
Contact: Jerry Clements
Phone: 785.296.7251
Email: jerry.clements@da.ks.gov

Appendix B - Terms & Conditions

- It is the bidder's responsibility to submit questions, acknowledge addenda and attend pre-bid conferences as indicated in this event or attachment(s). When communicating always refer to the Bid Event ID.
- Conflict of Interest:** With the submission of a response for this bidding event, you certify that you do not have any substantial conflict of interest sufficient to influence the bidding process of this event. A conflict of substantial interest is one which a reasonable person would think would compromise the opening bidding process.
- BIDDER MUST OBTAIN A CURRENT TAX CLEARANCE CERTIFICATE** A "Tax Clearance" is a comprehensive tax account review to determine and ensure that the account is compliant with all primary Kansas Tax Laws administered by the Kansas Department of Revenue (KDOR) Director of Taxation. Information pertaining to a Tax Clearance is subject to change(s), which may arise as a result of a State Tax Audit, Federal Revenue Agent Report, or other lawful adjustment(s). **INSTRUCTIONS:** To obtain a Current Tax Clearance Certificate, you must: 1) Go to: <http://ksrevenue.org/taxclearance.html> to request a Tax Clearance Certificate; 2) Return to the website the following working day to see if KDOR will issue the certificate; 3) If issued an official certificate, print it and attach it to your bid response; and 4) if denied a certificate, engage KDOR in a discussion about why a certificate wasn't issued. Bidders (and their subcontractors) are expected to submit a current Tax Clearance Certificate with every event response. **REMINDER:** You will need to sign back into the KDOR website to view and print the official tax clearance certificate. Information about Tax Registration can be found at the following website: <http://www.ksrevenue.org/busregistration.html>. Procurement and Contracts reserves the right to confirm tax status of all potential contractors and subcontractors prior to the release of a purchase order or contract award. In the event that a current tax certificate is unavailable, Procurement and Contracts reserves the right to notify a bidder (one that has submitted a timely event response) that they have to provide a current Tax Clearance Certificate within ten (10) calendar days, or Procurement and Contracts may proceed with an award to the next lowest responsive bidder, whichever is determined by the Director of Purchases to be in the best interest of the State.
- Immigration and Reform Control Act of 1986 (IRCA):** All contractors are expected to comply with the Immigration and Reform Control Act of 1986 (IRCA), as may be amended from time to time. This Act, with certain limitations, requires the verification of the employment status of all individuals who were hired on or after November 8, 1986, by the contractor as well as any subcontractor or sub-contractors. The usual method of verification is through the Employment Verification (I-9) form. With the submission of this bid, the contractor hereby certifies without exception that such contractor has complied with all federal and state laws relating to immigration and reform. Any misrepresentation in this regard or any employment of persons not authorized to work in the United States constitutes a material breach and, at the State's option, may subject the contract to termination for cause and any applicable damages. Unless provided otherwise herein, all contractors are expected to be able to produce for the State any documentation or other such evidence to verify Contractor's IRCA compliance with any provision, duty, certification, or like item under the contract. Bidders must submit a Certification Regarding Immigration Reform & Control form with every event response. The form can be found at the following website: <http://da.ks.gov/purch/Forms.htm>.
- Competition:** The purpose of this Request is to seek competition. The bidder shall advise Procurement and Contracts if any specification, language or other requirement inadvertently restricts or limits bidding to a single source. Notification shall be in writing and must be received by Procurement and Contracts no later than five (5) business days prior to the event closing date. The Director of Purchases reserves the right to waive minor deviations in the specifications which do not hinder the intent of this Request.
- Acceptance or Rejection:** The State reserves the right to accept or reject any or all bid responses or part of a response; to waive any informalities or technicalities; clarify any ambiguities in responses; modify any criteria in this Event; and unless otherwise specified, to accept any item in a response.
- Disclosure of Bid Event Content and Proprietary Information:** All bid responses become the property of the State of Kansas. The Kansas Open Records Act (K.S.A. 45-215 et seq) requires public information be placed in the public domain at the conclusion of the selection process, and be available for examination by all interested parties. More information on this subject can be found at the following website: <http://da.ks.gov/purch/KSOpenRecAct.doc>

STATE OF KANSAS Event Details (cont.)

PeopleSoft Strategic Sourcing

Event ID	Format	Type	Page
17988-EVT0002573	Sell	RFX	8
Event Round	Version		
1	5		
Event Name			
GIS Enhancement for Next Gen 9-1-1			
Start Time		Finish Time	
08/23/2011 11:00:00 CDT		10/09/2013 14:00:00 CDT	

Event Currency: US Dollar
Bids allowed in other currency: No

Bidder: PUBLIC EVENT DETAILS

Submit To: Department of Administration
Procurement and Contracts
800 SW Jackson
Suite 600
Topeka KS 66612
United States
Contact: Jerry Clements
Phone: 785.296.7251
Email: jerry.clements@da.ks.gov

8. Debarment of State Contractors. Any Contractor who defaults on delivery or does not perform in a satisfactory manner as defined in this Agreement may be barred for a period up to three (3) years, pursuant to K.S.A. 75-37,103, or have its work evaluated for pre-qualification purposes. Contractor shall disclose any conviction or judgment for a criminal or civil offense of any employee, individual or entity which controls a company or organization or will perform work under this Agreement that indicates a lack of business integrity or business honesty. This includes (1) conviction of a criminal offense as an incident to obtaining or attempting to obtain a public or private contract or subcontract or in the performance of such contract or subcontract; (2) conviction under state or federal statutes of embezzlement, theft, forgery, bribery, falsification or destruction of records, or receiving stolen property; (3) conviction under state or federal antitrust statutes; and (4) any other offense the State determines to be so serious and compelling as to affect responsibility as a state contractor. For the purpose of this section, an individual or entity shall be presumed to have control of a company or organization if the individual or entity directly or indirectly, or acting in concert with one or more individuals or entities, owns or controls twenty-five (25) percent or more of its equity, or otherwise controls its management or policies. Failure to disclose an offense may result in disqualification of the Proposal or termination of the Agreement, as determined by the State.
9. Accounts Receivable Set-Off Program: If during the course of this contract the Contractor is found to owe a debt to the State of Kansas, agency payments to the Contractor may be intercepted / setoff by the State of Kansas. Notice of the setoff action will be provided to the Contractor. Pursuant to K.S.A. 75-6201 et seq, Contractor shall have the opportunity to challenge the validity of the debt. If the debt is undisputed, the Contractor shall credit the account of the agency making the payment in an amount equal to the funds intercepted. K.S.A. 75-6201 et seq, allows the Director of Accounts and Reports to set off funds the State of Kansas owes Contractors against debts owed by the contractor to the State of Kansas. Payments set off in this manner constitute lawful payment for services or goods received. The Contractor benefits fully from the payment because its obligation to the State is reduced by the amount subject to setoff.

Last Updated: 01/08/2012

STATE OF KANSAS
Event Details (cont.)

PeopleSoft Strategic Sourcing

Event ID	Format	Type	Page
17388-EVT0002573	Sell	RFX	2
Event Round	Version		
1	5		
Event Name			
GIS Enhancement for Next Gen 9-1-1			
Start Time		Finish Time	
08/23/2011 11:00:00 CDT		10/09/2013 14:00:00 CDT	

Event Currency: US Dollar
Bids allowed in other currency: No

Bidder: PUBLIC EVENT DETAILS

Submit To: Department of Administration
Procurement and Contracts
800 SW Jackson
Suite 600
Topeka KS 66612
United States
Contact: Jerry Clements
Phone: 785.296.7251
Email: jerry.clements@da.ks.gov

SIGNATURE SHEET

Item: Next Generation 9-1-1 Professional Services

Agency: Kansas 9-1-1 Coordinating Council

Closing Date: October 9, 2013

By submission of a bid and the signatures affixed thereto, the bidder certifies all products and services proposed in the bid meet or exceed all requirements of this specification as set forth in the request and that all exceptions are clearly identified.

Legal Name of Person, Firm or Corporation R&S Digital Services Inc.

Mailing Address 1920 A 24th St. PO Box C City & State Great Bend Kansas Zip 67530

Toll Free Telephone _____ Local 620-792-6171 Cell: 620-786-5626
Fax 620-793-5290

Tax Number 48-1071183

CAUTION: If your tax number is the same as your Social Security Number (SSN), you must leave this line blank. DO NOT enter your SSN on this signature sheet. If your SSN is required to process a contract award, including any tax clearance requirements, you will be contacted by an authorized representative of the Division of Purchases at a later date.

E-Mail bschneid@rsdigital.com

Signature _____ Date 10-03-2013

Typed Name Bruce Schneider Title President R&S Digital

In the event the **contact for the bidding process** is different from above, indicate contact information below.

Bidding Process Contact Name Bruce Schneider

Mailing Address 1920 A 24th St. PO Box C City & State _____ Zip 67530

Toll Free Telephone _____ Local 620-792-6171 Cell: 620-786-5626
Fax 620-793-5290

E-Mail bschneid@rsdigital.com

R&S DIGITAL SERVICES

A Full Service GIS Mapping Company

If **awarded a contract and purchase orders** are to be directed to an address other than above, indicate mailing address and telephone number below.

Award Contact Name Bruce Schneider

Mailing Address 1920 A. 24th PO Box C City & State Great Bend, Kansas Zip 67530

Toll Free Telephone _____ Local 620-792-6171 Cell: 620-786-5626
Fax 620-7935290

E-Mail bschneid@rsdigital.com

Tax Clearance Certificate

	Sam Brownback, Governor Nick Jordan, Secretary www.ksrevenue.org
CERTIFICATE OF TAX CLEARANCE R&S Digital Services Inc	
ISSUE DATE 09/30/2013	
TRANSACTION ID TK93-73EV-ASEM	CONFIRMATION NUMBER CJ46-59AR-UNAD
TAX CLEARANCE VALID THROUGH 12/29/2013	
<small>Verification of this certificate can be obtained on our website, www.ksrevenue.org, or by calling the Kansas Department of Revenue at 785-296-3199</small>	

Immigration Certificate

CERTIFICATION REGARDING IMMIGRATION REFORM & CONTROL

All Contractors are expected to comply with the Immigration and Reform Control Act of 1986 (IRCA), as may be amended from time to time. This Act, with certain limitations, requires the verification of the employment status of all individuals who were hired on or after November 6, 1986, by the Contractor as well as any subcontractor or sub-subcontractor. The usual method of verification is through the Employment Verification (I-9) Form. With the submission of this bid, the Contractor hereby certifies without exception that Contractor has complied with all federal and state laws relating to immigration and reform. Any misrepresentation in this regard or any employment of persons not authorized to work in the United States constitutes a material breach and, at the State's option, may subject the contract to termination and any applicable damages.

Contractor certifies that, should it be awarded a contract by the State, Contractor will comply with all applicable federal and state laws, standards, orders and regulations affecting a person's participation and eligibility in any program or activity undertaken by the Contractor pursuant to this contract. Contractor further certifies that it will remain in compliance throughout the term of the contract.

At the State's request, Contractor is expected to produce to the State any documentation or other such evidence to verify Contractor's compliance with any provision, duty, certification, or the like under the contract.

Contractor agrees to include this Certification in contracts between itself and any subcontractors in connection with the services performed under this contract.

 *Brad Shultz* President R&S
Signature, Title of Contractor

10-7-2013
date

Signed Amendments 1 & 2

Office of Facilities & Procurement Management
800 S.W. Jackson St., Room 600
Topeka, KS 66612-1216

Jim Clark, Acting Secretary
Mark J. McGivern, Director



Phone: (785) 296-2376
Fax: (785) 296-7240
<http://www.da.ks.gov/purch>

Sam Brownback, Governor

AMENDMENT Request for Proposal

Amendment Date: September 6, 2013
Amendment Number: 1
Bid Event ID: EVT0002573
Closing Date: October 9, 2013 at 2:00 PM
Procurement Officer: Jerry Clements
Telephone: 785-296-7251
E-Mail Address: jerry.clements@da.ks.gov
Web Address: <http://da.ks.gov/purch>
Item: GIS Enhancement – Next Generation 9-1-1
Agency: Kansas 9-1-1 Coordinating Council
Period of Contract: One (1) year from date of award
(with the option to renew for two (2) additional one-year periods)

Conditions:

1. RFP Section 6 references two "PSAP" documents (#c & #d). These documents are available for download from the following website (scroll down and locate them by bid number):

<http://da.ks.gov/purch/adds/default.htm>

2. A document containing population density per square mile by Kansas County is available for download from the website listed above.

There are no other changes at this time.

A signed copy of this Amendment must be submitted with your bid. If your bid response has been returned, submit this Amendment by the closing date indicated above.

I (We) have read and understand this amendment and agree it is a part of my (our) bid response.

NAME OF COMPANY OR FIRM: R&S Digital Services Inc.

SIGNED BY: [Signature]

TITLE: President R&S Digital

DATE: 10-7-2013

Office of Facilities & Procurement Management
800 S.W. Jackson St., Room 600
Topeka, KS 66612

Jim Clark, Secretary
Mark J. McGivern, Director



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Sam Brownback, Governor

AMENDMENT
Request for Proposal

Amendment Date: September 24, 2013
Amendment Number: 2
Bid Event ID: EVT0002573
Closing Date: October 9, 2013 at 2:00 PM
Procurement Officer: Jerry Clements
Telephone: 785-296-7251
E-Mail Address: jerry.clements@da.ks.gov
Web Address: <http://da.ks.gov/purch>
Item: GIS Enhancement – Next Generation 9-1-1
Agency: Kansas 9-1-1 Coordinating Council
Period of Contract: One (1) year from date of award
(with the option to renew for two (2) additional one-year periods)

Conditions: below are responses to questions received subsequent to and during the pre-proposal conference.

1. Section 8.2.3 states that the "The Kansas 9-1-1 Coordinating Council requires a representative sample of GIS analysis...for consistency between adjoining PSAP service boundaries." Given that the PSAPs will be provided to the Project A Vendor in three groups there will always be the situation where some PSAP boundaries cannot be analyzed as to consistency until all of the adjacent PSAP data is provided. Does the council plan to divide the State into three equivalent partitions? If so, this could mitigate the problem somewhat; the partition boundaries could be analyzed and remediated at a later date. However, if the PSAPs would be randomly selected by thirds throughout the State this would further complicate the boundary analysis (and remediation). Given this specification, has the council some idea on how they would wish this to be handled?
RESPONSE: the State intends to use three (3) major geographic regions that will be defined at contract award.
2. Section 8.4.a(f). Section 8.4 specifies that the Project C contractor shall, "perform Gap Audit post-remediation". Would it be correct to assume that this would be the case if the Project C contractor finds minor errors that may have been missed by the Project B contractor? This would seem to make sense if only a small number of items were missed that could be more

easily corrected than coordinating between C (auditing) and B (remediating) contractors? If a large number of corrections were required, would it be correct to assume that the C contractor would have the option of sending the data back to the B contractor with a detail of what corrections were needed?

RESPONSE: All edits or corrections shall be made by the Project B contractor or the individual PSAP. The Project C Contractor shall audit the work performed by the Project B contractors and report their findings and deliverables to the State.

3. Section 9.2.2 alludes to the possibility that individual PSAPs may elect to remediate their own data. In that event should the Project C contractor still assume that these PSAPs will follow the process dictated in the proposal (i.e. furnish a Project Plan that the Project C contractor shall audit for compliance)? If not, the QA Audit cannot be expected to proceed as specified in the RFP.

RESPONSE: Yes, the Project C contractor may assume that any individual PSAP will meet the same requirements.

4. Section 5.3 of the RFP states "*Bidder(s) awarded Project A and Project C is/are excluded from award for Project B.*" Would the state consider any exceptions to this requirement? It is understood that by having multiple vendors review the data, an added level of quality control and objectivity is gained. However, there are also certain advantages to having the same vendor complete project A and project B. A few of these are listed below:

- a. Less duplication of efforts - no need for vendor B to analyze the analysis completed by vendor A.
- b. Improved efficiency - less time spent clarifying another vendor's analysis results.
- c. Clearer understanding of the GIS data issues - after completing the analysis, vendor A will be acutely familiar with the GIS data and better prepared to take on the work in Project B.
- d. More accurate price estimate - Vendor for Project A is responsible for providing ROM cost estimate for Project B. Gap remediation methodology may differ between vendors, making it difficult for one vendor to accurately estimate the amount of work for another vendor.

Would the state consider awarding projects A & B to the same vendor, with project C being completed by a neutral 3rd party?

RESPONSE: No.

5. Section 8.2.3 of the RFP states "*The Kansas 9-1-1 Coordinating Council requires a representative sample (no less than 25%) of GIS analysis for consistency within each PSAP service boundary and for consistency between adjoining PSAP service boundaries.*" Does this mean that only 25% of the data is expected to be analyzed?

- a. If yes, it states in Section 8.3 that the "Contractor shall remediate all deficiencies identified by the GIS Data Gap Analysis". Does this mean the contractor for Project B is

only expected to remediate the issues identified in the 25% of the data sampling analyzed in Project A

RESPONSE: Yes, no less than 25% of the data will be analyzed for Gap Analysis. No, the Project B Contractor is expected to remediate all typical issues identified in the initial sampling, relative to 100% of the data.

6. Please describe how the State anticipates funding this work? Will it vary for A, C and B.

RESPONSE: The State does not consider project funding to be a bidder concern.

7. Referring to 9.2.2 –

- a. Can contractors become pre-qualified without responding to this RFP?
- b. Other than the response to this RFP will there be any additional criteria used to determine pre-qualification?

RESPONSE:

- a. Yes. A vendor in good standing and already doing business with a county/city will be considered to be qualified. However, all vendors wishing to be considered for award to any of the projects must submit a response to the RFP.
- b. No.

8. Page 26: What does the following statement mean?

“a. Migration from current 9-1-1 to NG9-1-1 without degradation in 9-1-1 services (Risk Element)

- a. Credibility
- b. Accountability
- c. Measurable results”

What does the above mean?

RESPONSE: NG911 is essentially the replacement of the current analog system to digital communications. NG9-1-1 will require a different means to automatically identify a caller's location and successfully route the “call” to the appropriate PSAP. NG9-1-1 will rely heavily on geographic information systems (GIS), which must be standardized and have near real-time accuracy. Therefore, during migration from the current E9-1-1 environment to NG9-1-1, B-contractor shall ensure no degradation occurs in the current level of 9-1-1 service by continually focusing on the credibility, accountability and measurable results of GIS data throughout the remediation process.

9. Page 28: Section 9:2 ... General Questions:

- a. Will Project A contractor provide MSAG and TN data or is the Project B contractor to acquire it from the phone company?
- b. Remediation will likely involve updating the MSAG and TN files with phone carrier. Will the Remediation Contract (Contractor B) perform this function or will a list of “changes to be made” be provided to the PSAP?

RESPONSE:

- a. Project A contractor shall acquire MSAG and TN data, analyze and provide results to the State of Kansas. The State will provide that information to the appropriate Project B contractors.
- b. Project B contractor shall identify corrections to be made to the MSAG or TN data and furnish that information to the PSAP.

10. What is the criteria for a qualified (not "preferred") vendor?

RESPONSE:

A vendor in good standing and already doing business with a city/county will be considered to be qualified. For a new company, we would need to look at their business model to ensure they are competent and capable of performing the work. The State/Council will work with PSAPs to match up best remediation partner. The State will select a group of remediation vendors but there is no guarantee of work.

11. Is a 25% review of county an adequate geographic sample?

RESPONSE:

Finding the best information is more important than necessarily reviewing all of the data. Amendment #1 provided a link to a document containing population density per square mile by Kansas County. That link is repeated here: <http://da.ks.gov/purch/adds/default.htm>

12. Requirement for gap analysis refers to "117" and "112"; which is it?

RESPONSE:

Previous gap analysis provided 5 data sets; therefore $117 - 5 = 112$. The point is that some work has already been done. At a 911 Coordinating Council meeting in Hutchinson on Friday September 6th, we received information that led us to decide to include all 117 PSAPs in the GAP Analysis. Bidders responding to Project A should consider all PSAPs in their response.

13. On page 27, 9.1.f. Gap analysis only needs to collaborate with QA contractor?

RESPONSE:

No, the idea is that we all need to work together; we don't want silo'ed information stacks that restrict information flow.

14. Can you clarify the "Project Planning?"

RESPONSE:

The intent is that we want the vendor(s) to assist with developing the master implementation of all 3 phases in a collaborative way to make the entire GIS effort as seamless as possible for a win-win-win effort.

15. Do you want the actual GIS data?

RESPONSE:

The State does not want to receive actual data; we only want the analytical evaluation. We want the report delivered in Excel format.

16. Once RFP is signed, who is "single point of contact?"

RESPONSE:

That is to be determined. The **contact** may depend on the information needed.

17. Does DASC have a specific role on project?

RESPONSE:

Not specifically, but may have **fringe influence**. They may have a role in the future.

18. What if the 75% / 25% rule is not representative sample and all the problem areas are lumped into the 25% outside the analysis... the remediation vendor may be at risk?

RESPONSE:

The State anticipates that the **gap analysis** performed as such that most types of problems are uncovered. If, however, there are **more** than expected issues, we will use change management process to request **grant funding for additional work**, if justified. It is already the responsibility of each jurisdiction to maintain **reliable data**. Paragraph 9.2.4 states that "Remediation vendor to report any errors." We welcome **any remediation vendor** to run an (independent) analysis of the furnished analysis.

19. There are a few GIS applicable documents that may conflict since NENA still reviewing. What do we do about that?

RESPONSE:

We assume that any qualified firm **involved** in NG-911 migration knows more about **best practices** than the local PSAPs. **Although a specific NENA GIS data model has not yet been released**, good quality data is more important than full compliance with formal NENA final requirements.

20. Can you please elaborate on the requirements of paragraph 8.1?

RESPONSE:

Paragraph 8.1 is a General overview of what this RFP is all about, rather than a firm requirement on the bidder. We are looking for **only a general description** of your capabilities from a **holistic perspective** to GIS enhancement.

21. For what period of time are bidders excluded from competitive work?

RESPONSE:

After the conclusion of the GIS Data QA projects, there would be no exclusions.

[Remainder of page intentionally left blank]

There are no other changes at this time.

A signed copy of this Amendment must be submitted with your bid. If your bid response has been returned, submit this Amendment by the closing date indicated above.

I (We) have read and understand this amendment and agree it is a part of my (our) bid response.

NAME OF COMPANY OR FIRM: R&S Digital Services Inc.

SIGNED BY: 

TITLE: President R&S Digital Services Inc. DATE: 10-07-2013

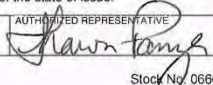
Insurance Certificate

CERTIFICATE OF LIABILITY INSURANCE
 American Family Insurance Company ☐
 American Family Mutual Insurance Company if selection box is not checked.
 6000 American Pkwy Madison, Wisconsin 53783-0001

Insured's Name and Address
 R S Digital Services Inc
 PO Drawer C
 Great Bend, KS 67530-8003

Agent's Name, Address and Phone Number (Agt./Dist.)
 Shawn L. Panzer (620) 792-9000
 1023 Jackson St.
 PO Box 489
 Great Bend, KS 67530-4219 (012/660)

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 This certificate does not amend, extend or alter the coverage afforded by the policies listed below.

TYPE OF INSURANCE	POLICY NUMBER	POLICY DATE		LIMITS OF LIABILITY
		EFFECTIVE (Mo, Day, Yr)	EXPIRATION (Mo, Day, Yr)	
Homeowners/ Mobilehomeowners Liability				Bodily Injury and Property Damage Each Occurrence \$,000
Boatowners Liability				Bodily Injury and Property Damage Each Occurrence \$,000
Personal Umbrella Liability				Bodily Injury and Property Damage Each Occurrence \$,000
Farm/Ranch Liability				Farm Liability & Personal Liability Each Occurrence \$,000 Farm Employer's Liability Each Occurrence \$,000
Workers Compensation and Employers Liability †				Statutory ***** Each Accident \$,000 Disease - Each Employee \$,000 Disease - Policy Limit \$,000
General Liability <input type="checkbox"/> Commercial General Liability (occurrence) <input type="checkbox"/> <input type="checkbox"/>				General Aggregate \$,000 Products - Completed Operations Aggregate \$,000 Personal and Advertising Injury \$,000 Each Occurrence \$,000 Damage to Premises Rented to You \$,000 Medical Expense (Any One Person) \$,000
Businessowners Liability	15-X14633-17-00	8/18/2011	8/18/2012	Each Occurrence †† \$ 1,000,000 Aggregate †† \$ 2,000,000 Common Cause Limit \$,000 Aggregate Limit \$,000
Liquor Liability				Bodily Injury - Each Person \$ 1,000,000 Bodily Injury - Each Accident \$ 1,000,000 Property Damage \$ 1,000,000 Bodily Injury and Property Damage Combined \$,000
Automobile Liability <input type="checkbox"/> Any Auto <input type="checkbox"/> All Owned Autos <input checked="" type="checkbox"/> Scheduled Autos <input checked="" type="checkbox"/> Hired Auto <input checked="" type="checkbox"/> Nonowned Autos <input type="checkbox"/>	15-X14633-19-00	8/18/2011	8/18/2012	
Excess Liability <input type="checkbox"/> Commercial Blanket Excess <input type="checkbox"/>				Each Occurrence/Aggregate \$,000
Other (Miscellaneous Coverages)				
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / RESTRICTIONS / SPECIAL ITEMS Digital Mapping, Data Processing, Computer Sales & Service				
CERTIFICATE HOLDER'S NAME AND ADDRESS • State of Kansas - Office of Governor Attn: Division of Purchasing 900 SW Jackson St. Room 102N Topeka, KS 66612-1286 Bid #EVT0000787		CANCELLATION <input type="checkbox"/> Should any of the above described policies be cancelled before the expiration date thereof, the company will endeavor to mail () days) written notice to the Certificate Holder named, but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives. *10 days unless different number of days shown. <input checked="" type="checkbox"/> This certifies coverage on the date of issue only. The above described policies are subject to cancellation in conformity with their terms and by the laws of the state of issue.		
		DATE ISSUED 8/15/2011 AUTHORIZED REPRESENTATIVE 		

U-201 Ed. 5/00
Stock No. 06668 Rev. 7/02

