



**West Safety Services, Inc.
Response to
State of Nebraska State Purchasing Bureau**

RFP 5882 Z1

**Request for Proposal for Contractual
Services**

**QA/QC Services for GIS Data Used by
PSAPs to Facilitate Delivery of NG9-1-1**

ORIGINAL



West Safety Services Response to RFP 5882 Z1

**Request for Proposal for Contractual Services
QA/QC Services for GIS Data Used by PSAPs to
Facilitate Delivery of NG9-1-1**

prepared for

State of Nebraska State Purchasing Bureau

August 6, 2018

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Requests for proposals may be fulfilled by West Safety Services, Inc., West Safety Solutions Corp., or West Safety Services Canada, Inc.

Non-Disclosure

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Open Records Act Request

Customer will immediately advise West Safety Services in writing of any Open Records Act requests as it may relate to this proposal or any information contained herein.

Evaluation Purposes Only

West Safety Services' evaluation herein is based on its 9-1-1 knowledge and expertise, but is dependent upon information provided to West Safety Services on behalf of the Customer. As such, the information contained herein is intended for Customer evaluation purposes only.

West Safety Services Legal Notice

West Safety Services, Inc. provides the unregulated elements of the proposed service offering as set forth herein and in accordance with the final executed agreement between the parties. West Safety Communications, Inc. provides the regulated elements of the service offering as set forth herein and in accordance with the applicable West Safety Communications, Inc. Tariff, service offering, or other similar document governing the regulated elements in the subject state.

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BIDDER CONTACT SHEET**Form A
Bidder Contact Sheet****Request for Proposal Number 5882 Z1**

Form A should be completed and submitted with each response to this RFP. This is intended to provide the State with information on the bidder's name and address, and the specific person(s) who are responsible for preparation of the bidder's response.

| Preparation of Response Contact Information | |
|---|--|
| Bidder Name: | West Safety Services, Inc. |
| Bidder Address: | 1601 Dry Creek Drive Longmont, CO 80503 |
| Contact Person & Title: | Benjamin Brown, Proposal Writer |
| E-mail Address: | bbrown@west.com |
| Telephone Number (Office): | 720.864.7517 |
| Telephone Number (Cellular): | N/A |
| Fax Number: | 720.494.6600 |

Each bidder should also designate a specific contact person who will be responsible for responding to the State if any clarifications of the bidder's response should become necessary. This will also be the person who the State contacts to set up a presentation/demonstration, if required.

| Communication with the State Contact Information | |
|--|--|
| Bidder Name: | West Safety Services, Inc. |
| Bidder Address: | 1601 Dry Creek Drive Longmont, CO 80503 |
| Contact Person & Title: | Bob Eckenrod, Account Executive |
| E-mail Address: | beckenrod@west.com |
| Telephone Number (Office): | 931.607.1953 |
| Telephone Number (Cellular): | 931.607.1953 |
| Fax Number: | 720.494.6600 |

TECHNICAL PROPOSAL

West's Technical Proposal, submitted to the State of Nebraska Purchasing Bureau in response to RFP 5882 Z1, begins on the next page.

1. REQUEST FOR PROPOSAL FORM

REQUEST FOR PROPOSAL FOR CONTRACTUAL SERVICES FORM

BIDDER MUST COMPLETE THE FOLLOWING

By signing this Request for Proposal for Contractual Services form, the bidder guarantees compliance with the procedures stated in this Request for Proposal, and agrees to the terms and conditions unless otherwise indicated in writing and certifies that bidder maintains a drug free work place.

Per Nebraska's Transparency in Government Procurement Act, Neb. Rev Stat § 73-603 DAS is required to collect statistical information regarding the number of contracts awarded to Nebraska Contractors. This information is for statistical purposes only and will not be considered for contract award purposes.

X NEBRASKA CONTRACTOR AFFIDAVIT: Bidder hereby attests that bidder is a Nebraska Contractor. "Nebraska Contractor" shall mean any bidder who has maintained a bona fide place of business and at least one employee within this state for at least the six (6) months immediately preceding the posting date of this RFP.

_____ I hereby certify that I am a Resident disabled veteran or business located in a designated enterprise zone in accordance with Neb. Rev. Stat. § 73-107 and wish to have preference, if applicable, considered in the award of this contract.

_____ I hereby certify that I am a blind person licensed by the Commission for the Blind & Visually Impaired in accordance with Neb. Rev. Stat. §71-8611 and wish to have preference considered in the award of this contract.

FORM MUST BE SIGNED USING AN INDELIBLE METHOD (NOT ELECTRONICALLY)

| | |
|-------------------------------|--|
| FIRM: | West Safety Services, Inc. |
| COMPLETE ADDRESS: | 1601 Dry Creek Drive, Longmont, CO 80503 |
| TELEPHONE NUMBER: | 720.494.5800 |
| FAX NUMBER: | 720.494.6600 |
| DATE: | July 30, 2018 August 6, 2018 |
| SIGNATURE: |  |
| TYPED NAME & TITLE OF SIGNER: | Todd Radulski Vice President and General Manager, GIS |

2. CORPORATE OVERVIEW

A. BIDDER IDENTIFICATION AND INFORMATION

The bidder should provide the full company or corporate name, address of the company's headquarters, entity organization (corporation, partnership, proprietorship), state in which the bidder is incorporated or otherwise organized to do business, year in which the bidder first organized to do business and whether the name and form of organization has changed since first organized.

West Response: Comply

West Safety Services, Inc.

1601 Dry Creek Drive, Longmont, Colorado 80503

West Safety Services, Inc. is a corporation, incorporated in Delaware in 2001.

West Safety Services was founded in 1978 and has operated as Intrado Inc. and System Concepts of Colorado Inc.

B. FINANCIAL STATEMENTS

The bidder should provide financial statements applicable to the firm. If publicly held, the bidder should provide a copy of the corporation's most recent audited financial reports and statements, and the name, address, and telephone number of the fiscally responsible representative of the bidder's financial or banking organization.

If the bidder is not a publicly held corporation, either the reports and statements required of a publicly held corporation, or a description of the organization, including size, longevity, client base, areas of specialization and expertise, and any other pertinent information, should be submitted in such a manner that proposal evaluators may reasonably formulate a determination about the stability and financial strength of the organization. Additionally, a non-publicly held firm should provide a banking reference.

The bidder must disclose any and all judgments, pending or expected litigation, or other real or potential financial reversals, which might materially affect the viability or stability of the organization, or state that no such condition is known to exist.

The State may elect to use a third party to conduct credit checks as part of the corporate overview evaluation.

West Response: Understand and Comply

West Safety Services is a division of West Corporation, was originally founded in 1979, and has been the leading company in the United States for the development, implementation, and support of the nation's 9-1-1 network. For more than 25 years, West Safety Services has provided a broad range of Geographic Information Systems (GIS) data management products and services to over 1,000 GIS departments and public safety agencies across the U.S, Canada, and global clients.

Headquartered in Longmont, Colorado, West Safety Services employs approximately 1,200 people dedicated to the delivery of end-to-end emergency communication technologies serving public safety and GIS clients, carrier / telco 9-1-1 services providers, enterprise 9-1-1 clients, and the alarm and security sector.

West Corporation is a global provider of communication and network infrastructure services. West helps its clients more effectively communicate, collaborate and connect with their audiences through a diverse portfolio of solutions that include unified communications services, safety services, interactive services such as automated notifications, telecom services and specialty agent services. For more than 30 years, West has provided reliable, high-quality, voice and data services. West has sales and operations in the United States, Canada, Europe, the Middle East, Asia Pacific and Latin America.

West Safety Services, Inc. is a US Company incorporated in the state of Delaware. West's primary bank in the United States is Bank of America. West Safety Services, Inc. is listed with Dun and Bradstreet (D-U-N-S number 13-086-6551). Additional information may be provided upon request.

No judgements, pending or expected litigation, or other real or potential financial reversals which might affect the viability or stability of West are known to exist.

West understands the State may elect to use a third party to conduct credit checks as part of the corporate overview evaluation.

C. CHANGE OF OWNERSHIP

If any change in ownership or control of the company is anticipated during the twelve (12) months following the proposal due date, the bidder should describe the circumstances of such change and indicate when the change will likely occur. Any change of ownership to an awarded vendor(s) will require notification to the State.

West Response: Comply

West does not anticipate any change in ownership during the twelve (12) months following the proposal due date.

D. OFFICE LOCATION

The bidder's office location responsible for performance pursuant to an award of a contract with the State of Nebraska should be identified.

West Response: Comply

West Safety Services, Inc.

1601 Dry Creek Drive, Longmont, Colorado 80503

E. RELATIONSHIPS WITH THE STATE

The bidder should describe any dealings with the State over the previous five (5) years. If the organization, its predecessor, or any Party named in the bidder's proposal response has contracted with the State, the bidder should identify the contract number(s) and/or any other information available to identify such contract(s). If no such contracts exist, so declare.

West Response: Comply

West Safety Services has not contracted with the State of Nebraska in the past five (5) years, no such contracts exist.

West Safety Services participated in and responded to the request from the Nebraska Public Service Commission's Request for Comments seeking to investigate and review funding, standards and policies relating to Geographic Information Systems (GIS) Data necessary for the provision of Next-Generation 911 (NG9-1-1) service. West's comments were provided to the Commission in writing on April 20, 2017.

West Safety Services has quoted and sold 9-1-1 call handling systems and solutions to local and county entities within the State of Nebraska, but no such contracts exist directly with the State.

F. BIDDER'S EMPLOYEE RELATIONS TO STATE

If any Party named in the bidder's proposal response is or was an employee of the State within the past eighteen (18) months, identify the individual(s) by name, State agency with whom employed, job title or position held with the State, and separation date. If no such relationship exists or has existed, so declare.

If any employee of any agency of the State of Nebraska is employed by the bidder or is a subcontractor to the bidder, as of the due date for proposal submission, identify all such persons by name, position held with the bidder, and position held with the State (including job title and agency). Describe the responsibilities of such persons within the proposing organization. If, after review of this information by the State, it is determined that a conflict of interest exists or may exist, the bidder may be disqualified from further consideration in this proposal. If no such relationship exists, so declare.

West Response: Comply

No such relationships exist in which a Party named in this proposal is or was an employee of the State within the past eighteen (18) months.

No such relationships exist in which any employee of any agency of the State of Nebraska is employed by West.

G. CONTRACT PERFORMANCE

If the bidder or any proposed subcontractor has had a contract terminated for default during the past five (5) years, all such instances must be described as required below. Termination for default is defined as a notice to stop performance delivery due to the bidder's non-performance or poor performance, and the issue was either not litigated due to inaction on the part of the bidder or litigated and such litigation determined the bidder to be in default.

It is mandatory that the bidder submit full details of all termination for default experienced during the past five (5) years, including the other Party's name, address, and telephone number. The response to this section must present the bidder's position on the matter. The State will evaluate the facts and will score the bidder's proposal accordingly. If no such termination for default has been experienced by the bidder in the past five (5) years, so declare.

If at any time during the past five (5) years, the bidder has had a contract terminated for convenience, non-performance, non-allocation of funds, or any other reason, describe fully all circumstances surrounding such termination, including the name and address of the other contracting Party.

West Response: Understand

West Safety Services has not had a contract terminated for default for the proposed services due to non-performance or poor performance or any of the other causes defined in this requirement during the past five (5) years.

H. SUMMARY OF BIDDER'S CORPORATE EXPERIENCE

The bidder should provide a summary matrix listing the bidder's previous projects similar to this RFP in size, scope, and complexity. The State will use no more than three (3) narrative project descriptions submitted by the bidder during its evaluation of the proposal.

The bidder should address the following:

- i. Provide narrative descriptions to highlight the similarities between the bidder's experience and this RFP. These descriptions should include:
 - a. The time period of the project;
 - b. The scheduled and actual completion dates;
 - c. The Contractor's responsibilities;
 - d. For reference purposes, a customer name (including the name of a contact person, a current telephone number, a facsimile number, and e-mail address); and
 - e. Each project description should identify whether the work was performed as the prime Contractor or as a subcontractor. If a bidder performed as the prime Contractor, the description should provide the originally scheduled completion date and budget, as well as the actual (or currently planned) completion date and actual (or currently planned) budget.
- ii. Contractor and subcontractor(s) experience should be listed separately. Narrative descriptions submitted for subcontractors should be specifically identified as subcontractor projects.
- iii. If the work was performed as a subcontractor, the narrative description should identify the same information as requested for the Contractors above. In addition, subcontractors should identify what share of contract costs, project responsibilities, and time period were performed as a subcontractor.

West Response: Comply

West has extensive experience collecting, validating, integrating, and delivering highly accurate GIS data and has worked with agencies of all sizes to develop and implement small, medium, and large NG9-1-1 compliant GIS databases throughout the United States.

West uses advanced data management systems, methods and procedures for data collection, QA/QC, synchronization, integration, and continued maintenance of mission critical GIS data. West's proposal includes three narrative descriptions of projects West has completed, all with excellent customer satisfaction rating, where similar work was performed for customers with similar goals and objectives of validating, error checking, reporting and assimilating NG9-1-1 compliant GIS data from varied sources and platforms.

In all three of these active projects, West is the prime Contractor. Each project remains on budget and all references provided utilize West's 9-1-1 Enterprise Geospatial Data Management System (EGDMS) and NG9-1-1 GIS Managed Services. The EGDMS includes software and managed services that provide the necessary portal and processes to interface with multiple agencies across Nebraska to obtain locally or GIS vendor maintained GIS data, perform error detection and validations and reporting for NG9-1-1 location validation, geospatial call routing and map display which are contingent on highly accurate GIS data.

Reference 1: State of New Mexico

Contact Person

William Range, ENP, E9-1-1 Program Manager

715 Alta Vista, Santa Fe, NM, 87501

Phone: 505.827.4804

Email: WilliamT.Range@state.nm.us

Facsimile: 505.827.4984

Description of Products and Services Delivered

Ongoing 9-1-1 EGDMS GIS Managed Services for the State of New Mexico

West performs monthly collection of map updates from over 60 GIS sources throughout New Mexico. All map data updates are run through an extensive series of data quality validations. Data quality reports are generated for GIS data sources and PSAP Managers on a monthly basis, and quarterly MSAG to GIS data comparison analysis and reporting is provided for each entity. Monthly updates are incorporated into the master New Mexico statewide road centerlines and address points geodatabase, which are hosted by West. Annually, a state-wide ALI to GIS comparison report is performed and results are provided to each data source.

Monthly map updates are packaged and pushed to 40 PSAPs via the New Mexico 9-1-1 VPN. Other services include the installation of more than 50 instances of MapSAG, West's GIS Data Management application as well as routine onsite and online training. MapSAG is an ArcGIS-based tool customized for GIS and E9-1-1/NG9-1-1 data maintenance, GIS/MSAG/ALI reconciliation, reporting, data collection, QA/QC, address maintenance and assignment, data import, data editing and other related tasks.

This project includes strict project management and budget management. Consistent communication and documentation is utilized to keep project costs down and required to validate the renewal of additional years of services to the State of New Mexico.

Project Dates

Implemented in January 2011, services are ongoing

Project Value

\$508,000 per year

Reference 2: Delaware Department of Safety and Homeland Security

Contact Person

Matthew Laick, GISP, DE E9-1-1 Coordinator

3050 Upper King Rd. Dover, DE 19904

Phone: 302.744.2666

Email: Matthew.Laick@state.de.us

Facsimile: 302.739.4874

Description of Products and Services Delivered

Ongoing NG9-1-1 GIS Managed Services, State of Delaware, West NG 9-1-1 Routing Services

West was selected by the Delaware Department of Safety and Homeland Security to provide ten years of managed NG9-1-1 Services for the State of Delaware for NG9-1-1 GIS Managed Services, GIS Applications (MapSAG and MapFlex & Pictometry), Onsite and online Trainings and Consulting.

The project began with a state-wide NG9-1-1 GIS data readiness assessment including MSAG and ALL comparison analysis with the State's GIS data. This provided a comparison and gap analysis of customer GIS data and reporting what is needed for use in West i3 geospatial call routing systems for GIS and 9-1-1 data readiness. Ongoing NG9-1-1 GIS Data Management services include providing PSAPs and GIS data managers across the State with tools, training, support and services for managing mission critical NG9-1-1 location validation and geospatial call routing data.

West has implemented MapSAG at each of the three counties and provided onsite training for county personnel and the State's GIS manager, providing tools for GIS data management configured to manage GIS data in both legacy and i3 environments. The state operates West's PSAP Emergency Map Display product, MapFlex, which is capable of integrating with MapSAG to report and manage map display discrepancies in real time. This project includes the coordination, installation, and testing on Pictometry imagery data across the State every 2 years. In addition to providing ongoing NG9-1-1 GIS Managed Services for the State of Delaware, West also provides all call routing, text-to-9-1-1, and enhanced data utilizing i3 functional elements and open standard protocols, as defined in the i3 Reference Architecture (BCF, LNG, LIS, ESRP, PRF, ECRF, LVF, and Spatial Interface).

Project Dates

Implemented in December 2014, services are ongoing

Project Value

\$290,000 per year

Reference 3: Texas Commission on State Emergency Communications (CSEC)

Contact Person

Monica M. Watt, ENP, Data Quality Manager
333 Guadalupe Street, Suite 2-212 Austin, TX 78701-3942
Phone: 512.305.6921
Email: monica.watt@csec.texas.gov
Facsimile: 512.305.6937

Description of Products and Services Delivered

ALI/LVF NG9-1-1 Transitional Data Management

West was selected by the Texas Commission on State Emergency Communication (CSEC) to integrate existing ALI database services with Location Validation Function (LVF) services along with a hosted map-based user interface used by CSEC participants to view and manage 9-1-1 related errors on a map.

This project enables CSEC's GIS data to be used as the source of the MSAG, which involves extensive analysis on the GIS, ALI and MSAG databases to confirm all data is synchronized and accurate. This project also maintains CSEC's GIS data compliance with NENA i3 standards by performing extensive GIS data validations that meet the latest NENA GIS Data Model and associated standards via West's Spatial Interface.

West provides ongoing State-level ALI-LVF Operator services including but not limited to: creating and maintaining GIS-derived MSAG (geoMSAG) database files, and hosting the ALI database and establishing Location Validation Function (LVF) services. The project includes data import, upload, update, automated data accuracy validations, and automated discrepancy reporting.

Additionally, West provides CSEC with installation, configuration and training services supporting the implementation of MapSAG at sites which utilize West's GIS data management application.

Project Dates

Implemented in September 2015, services are ongoing

Project Value

\$78,000 per year

West's Experience Meeting the State of Nebraska's RFP Requirements

Why West?

West Safety Services is uniquely positioned to partner with the State of Nebraska on the State's journey to NG9-1-1, the foundation of which is accurate, high-quality GIS data. NG9-1-1 and i3 requires the State's GIS data to be highly accurate and synchronized with the ALI and MSAG databases to deliver continued 9-1-1 routing accuracy and dispatch throughout the migration to NG9-1-1 geospatial call routing. West's proposed GIS solution will confirm that GIS data throughout the State of Nebraska complies with both NENA NG9-1-1 GIS data model and the State's NITC standards, maintain synchronization with the State's 9-1-1 ALI and MSAG databases, and support the overall migration to i3 geospatial call routing.

West has the experience, expertise, tools, and skillsets to deliver quality GIS and NG9-1-1 services to the State of Nebraska. Since 1988, West Safety Services has utilized Geographic Information Systems (GIS) technologies as integral to the delivery and support of 9-1-1 and public safety solutions, and within its emergency communications solutions. West was the first company to develop a GIS-based Computer Aided Dispatch (CAD) system and, over the next 28 years, has continued to deliver innovative solutions that utilize GIS technologies and capabilities.

West utilizes GIS technology to deliver a wide range of 9-1-1 and public safety services to Telecommunications Service Providers (TSPs) and to State, Regional and Local jurisdictions for geospatially determining 9-1-1 caller location and routing calls to the correct public safety agency. Simply put, GIS is foundational to the products and services provided by West Safety Services. In 2011 West Safety Services acquired Contact One, the industry leader in integrated 9-1-1 GIS data management solutions specifically focused on 9-1-1 and public safety, enabling West to provide customers with GIS-based MSAG management solutions including Transitional Data Management, comprehensive GIS data services, and to provide a complete NG9-1-1/i3 solution spanning GIS validation, routing, and dispatch.

West has been leading and collaborating with public safety to deliver NG9-1-1 solutions for the past eleven years. West Safety Services has been reliably delivering next generation IP call routing via a SIP interface, text, and advanced data since 2007. 2011 marked the release of the West i3 product suite designed to provide safe and stable transition to advanced next generation 9-1-1 functionality. The suite includes a broad range of premise-based and fully managed public safety solutions that align with most commonly used industry standards. As an industry leader on i3 and GIS standards evolution, West serves on forums that influence, shape, and define industry standards including 'NENA Standards for the Provisioning and Maintenance of GIS data to ECRF/LVF', 'NENA Standard for NG9-1-1 GIS Data Model', and 'Requirements for a National Forest Guide Information Document'. West has also participated in multiple ICE events.

West Safety Services Company Background and Focus

West Safety Services provides the core of the nation's 9-1-1 network and has played a key role in defining, building, and maintaining the complex emergency communications infrastructure.

Today, the West team consists of over 1100 employees with approximately 40 GIS Professionals dedicated to providing highly reliable and accurate GIS Products and Services. For more information, please visit www.west.com/safety-services/.

Built on a belief in work worth doing, West touches millions of lives every day and takes that responsibility very seriously. Our focus is on increasing data accuracy, dedicated customer service, and delivering the best 9-1-1 software and systems. West customers include all major U.S. wireline, wireless, Voice over IP (VoIP), Satellite, and Telecommunication Relay Services carriers, large international operators, and thousands of public safety agencies and municipalities in the U.S.

We are a Gold Tier Esri Business Partner which provides our customers access to information and technology that otherwise may not be available to them, in addition to improving the delivery of advanced solutions to our customers and public safety as a whole.

Management Structure

West has three business divisions that serve as the primary customer interface. The following functions are within the business divisions: Sales, Operations, Engineering, Program Management, Project Management and Product Management. The West support organizations are arranged from an enterprise-wide perspective and provide services to all business divisions. Subject matter experts from each support division are assigned to specific divisions to offer scalability and expertise in core areas of West's business.

I. SUMMARY OF BIDDER'S PROPOSED PERSONNEL / MANAGEMENT APPROACH

The bidder should present a detailed description of its proposed approach to the management of the project.

The bidder should identify the specific professionals who will work on the State's project if their company is awarded the contract resulting from this RFP. The names and titles of the team proposed for assignment to the State project should be identified in full, with a description of the team leadership, interface and support functions, and reporting relationships. The primary work assigned to each person should also be identified.

The bidder should provide resumes for all personnel proposed by the bidder to work on the project. The State will consider the resumes as a key indicator of the bidder's understanding of the skill mixes required to carry out the requirements of the RFP in addition to assessing the experience of specific individuals.

Resumes should not be longer than three (3) pages. Resumes should include, at a minimum, academic background and degrees, professional certifications, understanding of the process, and at least three (3) references (name, address, and telephone number) who can attest to the competence and skill level of the individual. Any changes in proposed personnel shall only be implemented after written approval from the State.

West Response: Understand and Comply

West's Project Management Approach

West's project management approach is to implement a carefully-planned and organized effort to accomplish the project goals and requirements within the committed timeframe and the project budget. West will develop a detailed Statement of Work, including a project implementation schedule, which will become the foundation of and clearly define the project.

Well-defined project goals and objectives are set at the beginning of the project. Each task is specified and described in terms of how the requirements will be achieved, skillsets and resources are identified based on the project needs, and timelines are identified for each task and the overall project completion. The project plans also include careful controls to effectively manage the project to the plan.

These steps are described in detail below. Figure 1 illustrates the overall project cycles and their dependencies.

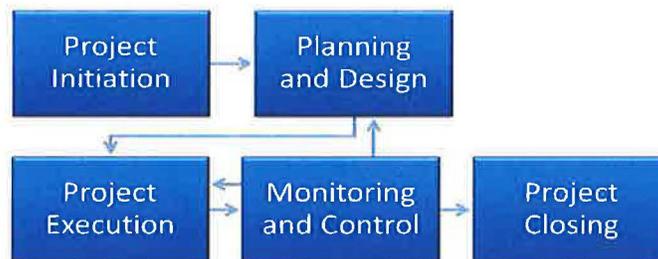


Figure 1: West's Project Management Process Flow

Project Initiation (Requirements Gathering and Analysis)

West will utilize the detailed project specifications and work with the State of Nebraska to develop a Project Plan. The Initiation stage is a detailed work effort and follows the steps outlined below:

- Communication with State, PSAP, and GIS data submission personnel for the project
- Development of the Project Plan, including tasks, deliverables, and schedule
- Identify any additional data needs and other requirements
- Review and finalize the overall Project Plan

Project Planning and Design

The Planning and Design phase will start in parallel with the Initiation phase. At this stage, controls will be in place to confirm the final deliverables meet the specifications outlined in the Project Plan and are consistent with the proposed products and services. The result of the Project Planning and Design stage includes:

- Definition of process and procedures
- Execution of project plan
- Set up the infrastructure required to complete the project at West facilities

Project Execution

The project is broken down into several distinct phases so that West project team members can work on the project both independently and collaboratively to accomplish the project goals.

Monitoring and Control

Monitoring and Control consists of processes to observe project execution so that potential problems can be identified in a timely manner and corrective action can be taken to control the execution of the overall project.

Project Wrap-up/Closing

At the conclusion of the project, all deliverables will be met, the State of Nebraska will have reviewed the data for accuracy and conformance to this proposal, and any outstanding issues will have been resolved by West.

Project Meetings

West will coordinate a project kickoff meeting with State of Nebraska and project stakeholders at the beginning of the project. The kickoff meeting will include:

- A presentation to review the project goals and objectives, project plan, methodologies, deliverables, and project schedule
- Introduce West's Project Management team
- Review the project's scope, definition, and objectives
- Review the high-level timeline, milestones, and roles
- Review the project deliverables
- Review challenges
- Describe the next steps to be taken

Key members of West project delivery team will be present at the kickoff meeting.

In addition, a West Technical Project Manager and any necessary key staff will attend any progress meetings during a West hosted conference call.

West will conduct final Webinar at the conclusion of the project to conduct a full review of the data deliverables, show statistics and examples, and review project methodology and assumptions made during the course of the project.

Monthly Status Report and Production Schedule

West will provide the State of Nebraska with monthly status reports showing conceptual and statistical progress made during that time period, milestones accomplished, upcoming major task elements, upcoming milestones and deliverables, State of Nebraska responsibilities, and quality QC metrics.

West GIS Leadership

The GIS professionals listed in this proposal report to West's GIS Manager or directly to West's GIS Operations Director. West's GIS Operations team interfaces and collaborates with West's Network Operations Center and West's Help Desk, as necessary, in the deployment and ongoing support of GIS data professional services and management project.

West's GIS department is managed by the Vice President and General Manager of GIS, who oversees West GIS Operations and Sales.

The GIS Operations Director oversees the management of the GIS business operations and Operations teams, including the GIS Manager and the named personnel.

West GIS Professionals Assigned to the Proposed Project

The following West GIS professionals will be assigned to the State's project if West is awarded a contract resulting from this RFP. West recognizes that changes in the proposed personnel shall only be implemented after written approval from the State.

Raymond Horner Senior Technical Project Manager, GIS Operations

Joshua Berrie Technical Project Manager, GIS Operations

Charles Van Hoose GIS Supervisor, GIS Operations

Taylor Rivera Senior GIS Operations Analyst

West GIS Professional Resumes and References

Resumes for the named personnel are included in this proposal and begin on the following page. Please note, references for each of the named personnel are provided above as well as are noted in the resume section.

Raymond Horner

Senior Technical Project Manager, GIS Operations

Professional Experience

Sr. Technical Project Manager, GIS Operations July 2011 to Present

West Safety Services

- GIS Project Manager – State of Delaware NG9-1-1 Deployment
- Project Manager – State of Kansas NG9-1-1 Deployment
- Project Manager – State of New Mexico Enterprise Geospatial Database Management System
- Project Manager – New York State Street Address Mapping (SAM) Project
- Project Manager – HGAC MapSAG installations, wireless accuracy testing, GIS services
- Project Manager – Texas Commission on State Emergency Communications Enterprise Geospatial Database Management System - NG9-1-1 pilot project
- Provide 9-1-1 GIS, workflow, and software training and technical customer assistance

Project/Product Manager January 2011 to June 2011

Contact One, Inc. (West Acquired Contact One, Inc.)

- Responsible for CSEC EGDMS project planning and contract negotiation
- MapFlex 911 Product Manager

Business Development/Sales/GIS Project Manager July 2006 to January 2010

OGInfo.com, LLC

- Oil and Gas client relations and account management
- Project requirements assessment, project development, implementation and management
- GIS design including online GIS deployment, paper and digital product delivery
- Project Management, detailed instruction for bulk GIS outsourcing projects
- Sales and Customer Service for County Appraisal Districts
- GIS data analysis and quality control
- Customer GIS training

Education

University of Texas at Austin

Bachelor of Arts in Geography

Joshua Berrie

Technical Project Manager, GIS Operations

Professional Experience

GIS Technical Project Manager 2006 to Present

West Safety Services

More than 14 years of experience in GIS related work for public and private organizations has equipped Joshua in the areas of customer service, project management, geodatabase design, and oral/written communications. Josh has spent many years working in the public safety realm and has had the privilege to work on GIS contracts with agencies from across the US, often times as the project lead. Working on such a wide range of projects involving many kinds of data and processes has allowed him to develop a strong GIS skill set. Most recently he has focused on web based GIS, database management, and improving project workflows using python and server workflow tools. He also has a strong interest in emerging and open source technologies used in conjunction with an enterprise GIS.

CAD Technician and Assistant 2005 to 2006

Offer Yamagata / Ito Photography

- Converted hardcopy building plans into AutoCAD formats
- Assisted Chief Photographer with photo set assembly and photo management

GIS Technician 2001 to 2002

National Park Service (Grand Canyon)

- Implemented first GIS lab on the North Rim. Used ArcView, AutoCAD, and more to complete projects

Education

Arizona State University

Bachelor of Science in Geography with emphasis on GIS

Charles Van Hoose

GIS Supervisor, GIS Operations

Professional Experience

GIS Supervisor 2016 to Present

West Safety Services

Charles actively participates in the development of strategies to find optimal solutions to achieve established goals and objectives directly related to our dispatch mapping software products. Interfacing with all levels of our organization and abroad has provided Charles the experience to handle challenging problems and situations. His main focus is to orchestrate and develop all operations of GIS services relating to our dispatch mapping product, MapFlex, and to train and mentor assigned co-workers on advanced skills and mapping techniques, editing, data conversion and error reconciliation.

Senior GIS Analyst 2011 to 2016

West Safety Services, formerly Intrado

- Developed implementation standards for MapFlex
- Developed MapFlex data update tools using Python

GIS Specialist 2010 to 2011

Contact One, Inc. (West Acquired Contact One, Inc.)

- Worked with people and data from around the country to execute multiple data services contracts and data management software deployments
- Learned skills necessary to implement in-house developed GIS software suite

GIS Specialist 2009 to 2010

Columbia Regional Geospatial Service Center

- Exercised meticulous attention to detail editing GIS data for multiple data services contracts
- Gained valuable experience working in a professional environment while attending school full time

Taylor Rivera

Senior GIS Operations Analyst

Professional Experience

Senior GIS Operations Analyst 2011 to Present

- Maintain and edit Emergency/911 GIS databases for 70 separate emergency management agencies
- Assist in updating maintain call response data for all PSAPs within the state of New Mexico
- Provide customer support for West Safety Services products
- Perform end of the month database consolidations and generate data performance reports
- Installation and configuration of MapSAG - addressing data editing software
- Perform on-site customer training for West Safety Services products
- Design digital maps for real-time e911/Dispatch, call taker/responder use
- Configure MapFlex software and data
- Serve as peer mentor and trainer for GIS analysts new to West's GIS editing and call taking software

GIS Technician 2011

City of Austin – Watershed Protection

- Analyze and digitize all hand drawn or CAD generated City of Austin Storm Sewer System maps and Engineering Section maps into Arc GIS

Urban Design Intern 2011

City of Austin – Planning and Development Review

- Create GIS maps to illustrate and help research current development projects
- Research the City of Austin's current zoning standards to assist in developing new zoning overlays and implement new form based zoning

Education

Texas State University

Bachelor of Science, Geography – Urban and Regional Planning with emphasis in GIS

West GIS Professional References

The following references are provided to the State of Nebraska and can attest to the competence and skills of all of the named GIS professionals included in this proposal.

Will LeMaire GIS Operations Director, West Safety Services
1601 Dry Creek Dr., Longmont CO 80503
720.494.5905

Don Compton GIS Manager, West Safety Services
1601 Dry Creek Dr., Longmont CO 80503
720.494.6128

Charles Van Hoose GIS Supervisor, West Safety Services
1601 Dry Creek Dr., Longmont CO 80503
512.480.2129

Caitlin Moore GIS Supervisor, West Safety Services
1601 Dry Creek Dr., Longmont CO 80503
720.494.5961

J. SUBCONTRACTORS

If the bidder intends to subcontract any part of its performance hereunder, the bidder should provide:

- i. name, address, and telephone number of the subcontractor(s);
- ii. specific tasks for each subcontractor(s);
- iii. percentage of performance hours intended for each subcontract; and
- iv. total percentage of subcontractor(s) performance hours.

West Response: Comply

West does not intend to subcontract any part of its performance.

3. TECHNICAL APPROACH

The technical approach section of the Technical Proposal should consist of the following subsections:

- a. Understanding of the project requirements;
- b. Proposed development approach;
- c. Technical requirements;
- d. Contractor requirements and
- e. Deliverables.

A. UNDERSTANDING THE PROJECT REQUIREMENTS

West Response: Comply

West will provide the State of Nebraska with a complete GIS solution which is purpose driven to exceed the demands of NG9-1-1 and meet other State requirements including the NITC standards. West's proposed GIS solution includes the development of a single state GIS dataset that can be used for geospatial call routing, location validation, and location database (LDB) services. West will confirm this GIS dataset meets NG9-1-1 requirements by providing consulting services, including workflow and QA/QC development, and will work closely with the local jurisdictions who will build and/or enhance the required datasets.

West's proposed solution includes the maintenance of the Statewide GIS datasets via GIS changes provided by local sources via a secure web interface into an authoritative NG9-1-1 dataset and the provisioning of these updates into the State GIS repository. The 9-1-1 Enterprise Geospatial Data Management System (EGDMS) is West's web-portal for agencies to submit GIS and 9-1-1 data and have that data validated for accuracy and standards compliance, then the GIS data is coalesced into a single statewide geodatabase. Once the database is deemed ready to be used in an operational setting, West will continue to assist in managing the GIS dataset for the State. The West solution includes the ability to update the E911, NG9-1-1 and NITC data elements, fully meeting the requirements set forth by the State.

West's proposed GIS solution includes following milestones:

- Contract Signature
- On Site Project Kickoff Meeting
- QA/QC Procedures and Workflow Development
- GIS Data Model
- Initial Data Assessment
- EGDMS First Pass
- Managed NG9-1-1 Services

West will actively manage each milestone and provide monthly contract status reports that include general progress updates, meeting updates, anticipated challenges and solutions, goals for next reporting period, and scheduled reviews.

There are three keys to implementing and maintaining a successful NG9-1-1 project at the state level:

- The need to implement an excellent outreach program which must be conducted with a “build and maintenance” approach that benefits both local agencies and the state
- The state must fund the GIS to MSAG and ALI Comparison project for each local agency
- Local agencies must have ongoing consulting support during both the onboarding phase as well as the ongoing maintenance phase
 - Since the initial build approach has already been contracted, West will focus their efforts on the maintenance phase of the project

West will provide a local outreach and education program in order to educate the stakeholders on the importance of NG9-1-1 to their citizens and first responders. This program will encourage local agency participation through education on:

- How NG9-1-1 GIS Data maintenance program is a long-term commitment
- Understanding the importance of GIS data quality and provide examples errors and discrepancies
- The program benefits including the GIS tools and services that will be provided by the State and West

Initial Data Outreach Plan and Maintenance Commitment Deliverables are as follows:

- Initial outreach program via the web that discusses program importance and provides EDGMS training as part of the process
- Post webinar support and information gathering

West will assist local governments and the State via the following consulting steps and GIS tools:

- On Site Project Kickoff Meeting
- QA/QC Procedures and Workflow Development
- GIS Data Model
- Initial Data Assessment
- EGDMS First Pass
- Managed NG9-1-1 Services

Before GIS data can be used for geospatial call routing, location validation, and LDB updates, the accuracy of the GIS data must be validated through a series of Quality Assurance and Quality Control (QA/QC) procedures. The QA/QC process verifies the GIS data is fit for use in NG9-1-1 operations. Some of the key QA/QC procedures include identifying the 9-1-1 ALI data that do not match the GIS data, duplicate address points, response boundary coverage gaps

and overlaps, and many other validation checks to confirm only good data is provisioned into the NG9-1-1 systems.

West will work with the state to develop a formal QA/QC plan at the start of the project. This QA/QC plan will detail the QA/QC processes that will run on all data submitted to the NG9-1-1 system. West will submit the QA/QC plan to the State for review and approval prior to beginning GIS work.

Since GIS data drives NG9-1-1, GIS data updates must be both timely and accurate. The key to timely and accurate data updates is to identify the new NG9-1-1 data management roles and responsibilities for both the State GIS staff and local GIS authorities. West will identify the workflow for the ongoing provisioning and coalescing GIS data update process to the state GIS dataset and the live NG9-1-1 system. West will develop such workflows according to the existing processes and tools used by the local jurisdictions. Such workflow development will be greatly simplified and more efficient if the local jurisdictions choose to use West's MapSAG product as their GIS Data Editing tool due to the integration with the EGDMS thus supporting a NG9-1-1 GIS data management workflow. However, each local agency and the state are free to choose their own GIS data editing tool as long as they can maintain all of the required attributes needed for both NG9-1-1 and other State standards.

West will begin collecting information on the workflow process during the initial kickoff meeting. West will work with the state and local agencies to define the GIS workflow for the state provisioning process along with the roles and responsibilities for both state and local GIS authorities. West will identify existing workflows and then work with the state and locals to refine this workflow by incorporating the new software and services included with West's solution.

After the initial workflow process review, West will submit a Workflow Plan to the State for review and approval. The Workflow Plan includes:

- Initial GIS data updates, review, and tracking by local authorities
- Provisioning of GIS updates into the State GIS dataset via the EGDMS
- QA/QC Methods
- QA/QC error reports and corrections
- Ongoing update management process for the EGDMS

Following the submittal of the initial Workflow Plan, West will follow up with a working session with the State to discuss and modify the initial Workflow Plan. West and the state will jointly review the final plan in an on-site meeting and West will make any final changes. The Final Workflow Plan will be distributed and discussed in an on-site meeting with the stakeholders.

West will provide user training on all of the maintenance tools that are part of the Final Workflow plan. West training includes:

- MapSAG data validation and editing functionality (optional)
- Uploading GIS data into the statewide GIS dataset using the EGDMS
- Error checking and QA/QC process using EGDMS data
- Downloading GIS Data from the EGDMS
- Using MapSAG to correct errors and push data to the EGDMS (optional)

- Managing QA/QC exceptions

Final QA/QC Plan and Maintenance Workflow Milestone Deliverables

- QA/QC Plan and Final Maintenance Workflow Plan
- On-site maintenance workflow plan
- On site user training on all maintenance tools (Optional)

Initial Data Assessment

West will complete a comprehensive initial data assessment on all GIS data submitted by local agencies to assess its viability for NG9-1-1 use. The following tasks will be completed as part of the Initial Data Assessment:

Acquire Source Data

West will request locally maintained GIS data from the local sources identified in the initial Workflow Development and Outreach tasks. It is the responsibility of the local sources to upload the following data into the EGDMS: Roads, Address Points, Emergency Response Boundaries, ALI database records, and the MSAG database in a NENA 2.1 format. West will provide training on the EGDMS including a process overview, setup, and interface access. West will work with the State to identify where local sources have not provided data to the EGDMS within the required submission date. It will be up to the State to acquire this data where it has not been provided.

Analyze Source Data at Local Level

West will run the QA/QC processes on all submitted source data. The QA/QC process will identify issues that impact NG9-1-1 operations that must be corrected. Each required GIS layer will be analyzed individually for missing attributes and domain errors as determined by the State GIS Data Model. Then the GIS data will be compared with the ALI and MSAG with the goal being a 98% accuracy rate.

West will perform the Initial Data Assessment and deliver a GIS readiness report to each local GIS source that will contain the following:

- GIS data readiness process
- Documented data standards
- GIS data validation reports include the following:
 - Address Point/Structure Validation Report
 - Street Centerline Validation Report
 - Tabular MSAG to GeoMSAG Inclusive Range Comparison Report
 - ALI to Road Centerline Comparison
 - ALI to Address Point Comparison
- Data analysis recommendations

- Reference documentation for i3
- Conclusion

The Initial Data Assessment will generate the initial key performance indicators for the project.

Key Performance Indicators Reporting

All QA/QC errors and warnings identified during the Source Data Analysis at the local and state level will be provided to the local entities for correction. These errors represent the Key Performance Indicators for the project. All of the errors will be provided in a digital format to the local authorities. Each local agency will be responsible for correcting the errors and warnings.

Alternative One-Time geoMSAG Replacement Service

Alternatively, as an additional optional service, West can provide a one-time geoMSAG Replacement Service for each of the PSAPs to more quickly achieve the 98% match rate objective between GIS and MSAG/ALI databases. This service is performed at the PSAP level and may be purchased separately by individual PSAPs, multiple agencies/PSAPs, or collectively by the State.

An important consideration during NG9-1-1 adoption is how to meet NENA i3 requirements while simultaneously leveraging legacy location validation mechanisms. NENA has suggested creating a means to keep the MSAG and ALI in synchronization with a 9-1-1 Authority's authoritative GIS data. As the process of initial and ongoing synchronization of the GIS data and the MSAG and ALI databases can be very time consuming and prone to inconsistencies, West can offer the geoMSAG Replacement Service as an alternative approach to working to synchronize the GIS and 911 datasets to meet a 98% match rate goal.

The geoMSAG replacement service enables the 9-1-1 Authority or their GIS authoritative source to derive a tabular MSAG from the GIS road centerline layer and replace the existing tabular MSAG. This enables the 98% match rate goal for the State of Nebraska to be achieved much more quickly and the ongoing maintenance much easier. This approach offloads a considerable amount of the work for 9-1-1 Authorities that are currently below the 98% match rate objective.

One-Time geoMSAG replacement service provides 911 authorities with the following service:

- Validations of the road centerline layer with geoMSAG specific error reporting
- GIS Road Centerline (RCL)-to-ALI Data Match Rate Reports (up to 2)
- Creation of a GIS-based MSAG load file from the 9-1-1 Authority's GIS road centerline data ("geoMSAG") once 98% Road centerline-to-ALI data match rate had been reached
- Replacement of the tabular MSAG with a GIS-derived MSAG (geoMSAG)

Solution pricing for the geoMSAG replacement service varies based on factors such as the population of the area to be serviced, and whether services are being purchased by a single agency/PSAP, multiple agencies/PSAPs, or collectively by the State. West would be pleased to discuss this further with the State, and with any agencies or PSAPs which may wish to contract with West for these services, following award.

Additional Solutions for PSAP and State-Level GIS Data Management

MapSAG® GIS Data Management System

MapSAG is a GIS data management application utilized by hundreds of agencies throughout the U.S, including Dawson County Nebraska, to create and maintain accurate, reliable 9-1-1 and NG9-1-1 GIS data and which is also used to synchronize the GIS and 9-1-1 databases.

MapSAG takes a “checks and balances” approach to delivering consistency and accuracy across databases used for addressing and NG9-1-1. MapSAG is installed locally, at the end-user location, and operates through a simple interface within Esri’s ArcGIS Desktop system. Various toolbars are available for accessing the available tools and features. The functionality that resides in the ArcGIS Desktop framework remains available while using MapSAG, including editing, drawing, layouts and/or spatial queries. An example of the integration of MapSAG and ArcGIS Desktop is that users can perform a spatial or attribute query and use the resulting records for analysis by the MapSAG tools.

MapSAG is integrated with West’s 9-1-1 Enterprise Geospatial Data Management System (EGDMS) which allows the local agency GIS data editors the ability to directly upload GIS changes into the EGDMS, receive upload status notifications along with the ability to quickly see and resolve EGDMS-generated errors using MapSAG. This process greatly enhances the workflow for keeping GIS data used in a NG9-1-1 environment to be as current and accurate as possible.

Using MapSAG, ArcGIS Desktop and a combination of both, new GIS data records (streets, structures, polygons, etc.) can be input into the GIS in a number of ways, including field GPS, on-screen digitizing, import, and auto-generation. The MapSAG software operates in the latest version of ArcGIS for Desktop (currently 10.6) and will utilize a File Geodatabase or an Enterprise Geodatabase through ArcGIS Server (“ArcSDE”).

MapSAG software requires a licensed copy of Esri’s ArcGIS for Desktop, to be provided by the end-user or can be purchased from West.

Solution pricing for the MapSAG GIS Data Management System varies based on the type and number of user licenses to be purchased, the functions and features required by each agency, and the type of user training to be conducted (on-site or remote). West would be pleased to discuss this further with the State, and with any agencies or PSAPs which may wish to contract with West to provide MapSAG, following award.

West’s Understanding of the Nebraska GIS Data Landscape

West understands the landscape of GIS data sources and their relationship with the State of Nebraska Public Safety Answering Points as described in the Project Environment section of this RFP. West’s NG9-1-1 GIS Managed Services are designed to support the GIS data provisioning at any level of GIS data source, and therefore will satisfy the requirements outlined in the Project Requirements. The following section provides a technical overview of the NG9-1-1 GIS Managed Services and proposed development approach.

B. PROPOSED DEVELOPMENT APPROACH

West Response: Comply

EGDMS Portal and GIS Data Workflows

West's EGDMS customer portal is a web-based solution that serves as the front end user interface for the NENA Spatial Interface (SI) requirement. The portal provides secure GIS file transfer to West, and GIS authorities can maintain their local database schema and configure database/schema and field mapping changes on the fly.

The EGDMS portal provides:

- Secure File transfer with secure 2 factor authentication
- Popular file format support for File Geodatabase and Shapefile
- Automated schema change detection and input file format error notification
- Attribute field mapping configuration driven by the GIS authority
- Automated Email notifications for upload and processing status
- GIS Data Validation Report Retrieval

The EGDMS Portal file upload application allows users to select a file for upload and indicate the contents of the upload as shown in Figure 2, below.

Agency Training County

Update GIS Data
Please submit your Agency's GIS data update using the form below. Complete the Manifest and select your Payload file to transmit your Update.

Configuration Changes
Check the box below if you have made changes to your GIS data feature classes or attributes that are not captured in your current field mapping configuration.
 Configuration Changes

Updated Feature Classes and Supporting Data
Please check each feature set included in this update.
 Check all

| | |
|---|---|
| <input type="checkbox"/> Street Centerlines | <input type="checkbox"/> Fire Response Boundary |
| <input type="checkbox"/> Address/Structure Location | <input type="checkbox"/> Law Response Boundary |
| <input type="checkbox"/> PSAP Area Boundary | <input type="checkbox"/> EMS Response Boundary |
| <input type="checkbox"/> Emergency Service Zone | <input type="checkbox"/> Municipal Boundary |
| | <input type="checkbox"/> Authoritative Boundary |

GIS Data Format: File Geodatabase
Please select a GIS file to upload. Note: All GIS data must be submitted in a single, compressed (.zip, .Gzip, or .t2) format. Max size: 2GB.

GIS Data

Figure 2: EGDMS Portal File Upload Application

The Upload History table, shown in Figure 3, displays all past agency uploads. Agencies that have not submitted data within a specified timeframe will receive email notification with a link to the portal and the details about their most recent upload activity.

Additionally, West will also notify the Commission in the event any PSAP fails to make necessary changes within thirty (30) days to a GIS dataset that has been rejected for uploading or has been the subject of a Discrepancy Report.

| | Start Date | Current State | GIS File Name | Upload ID | Last State Update | Reports |
|---------------------------|----------------------|---------------------|-----------------------|---------------------------|----------------------|--------------------------|
| View/Edit | 07/19/2018 14:01 MDT | QA/QC Completed | _EGDMS7162018.gdb.zip | 20180719T200104.de-egdms1 | 07/19/2018 14:05 MDT | Download |
| View | 07/19/2018 13:47 MDT | Marked for Deletion | 071618.gdb.zip | 20180719T194731.de-egdms1 | 07/19/2018 13:48 MDT | |

Figure 3: EGDMS Portal Upload History, Upload History Table

NG9-1-1 GIS Data Standards and Schema

The EGDMS database schema will meet the requirements of NG9-1-1 GIS data standards. West understands that 9-1-1 GIS data may be managed in different formats and schemas and by different entities at multiple levels of government within the State of Nebraska. The county, or other agencies responsible for providing GIS data, may have other data management responsibilities beyond 9-1-1. As a result, West expects most customer schemas to be unique and dynamic.

The key functionality of the EGDMS portal are the schema field mapping tools and GIS data interrogator. The schema field mapping tools allow users to configure custom database field mappings and update them when necessary.

Upon successful data transmission, the GIS data interrogator extracts the data from its compressed (.zip) format and reads the contents of the geodatabase or shape files. The data interrogator automatically validates that the data contents are valid, in the correct format, and include the required attribute fields as mapped and stored within the customer’s schema field mapping configuration template. Any discrepancy or schema change for mapped fields triggers automatic notification to the data provider, alerting them that action is required. In the event that the schema was changed and saved fields are missing or their properties have changed, the data provider can make the necessary changes immediately. This allows each data source to maintain their own native database formats and schemas and make changes when necessary within the EGDMS portal.

The EGDMS Upload Portal’s upload details are shown in Figure 4, on the following page.

9-1-1 EGDMS - Data Management
Upload History
Configuration
Agency Details

Agency

Upload Details
Review the Update and make changes to address any corrections or errors as necessary.

State: QA/QC Completed

Last State Update: 07/19/2018 14:05 MDT

State Update:

Upload ID: 20180719T200104.de-egdms1

Start Date: 07/19/2018 14:01 MDT

Agency State: DoUploads

Configuration Changes
Click Launch to open the Field Mapping Tool to review the upload's attribute field map and indicate errors or propose changes to this customer's configuration.

Field Mapping Tool

Updated Feature Classes
The Feature Classes included in this upload are indicated below.

- ✓ Street Centerlines
- ✓ Address/Structure Location
- ✓ PSAP Area Boundary
- Emergency Service Zone
- ✓ Fire Response Boundary
- ✓ Law Response Boundary
- ✓ EMS Response Boundary
- Municipal Boundary
- ✓ Authoritative Boundary

Payload
Indicate the disposition of each of the attached items.

GIS Data: EGDMS7162018.gdb.zip *** Payload Status**

Activity Log
Review the activity for this Upload.

| User Name | Date | State |
|-----------|-------------------------|---|
| egdms5 | 07/19/2018 14:05:43 MDT | 9-1-1 EGDMS - QA/QC Processing |
| de-egdms1 | 07/19/2018 14:01:38 MDT | 9-1-1 EGDMS - Data Interrogator Feature Count Error |
| de-egdms1 | 07/19/2018 14:01:15 MDT | 9-1-1 EGDMS - Payload Review |
| de-egdms1 | 07/19/2018 14:01:04 MDT | Upload Transmitting |

Figure 4: EGDMS Portal Upload History, Upload Details Screen

Users can configure their schema field mappings and correct errors using the EGDMS Field Mapping Tools. Schema validation includes automated data type and field length warnings and/or errors. This is shown in Figure 5, below.

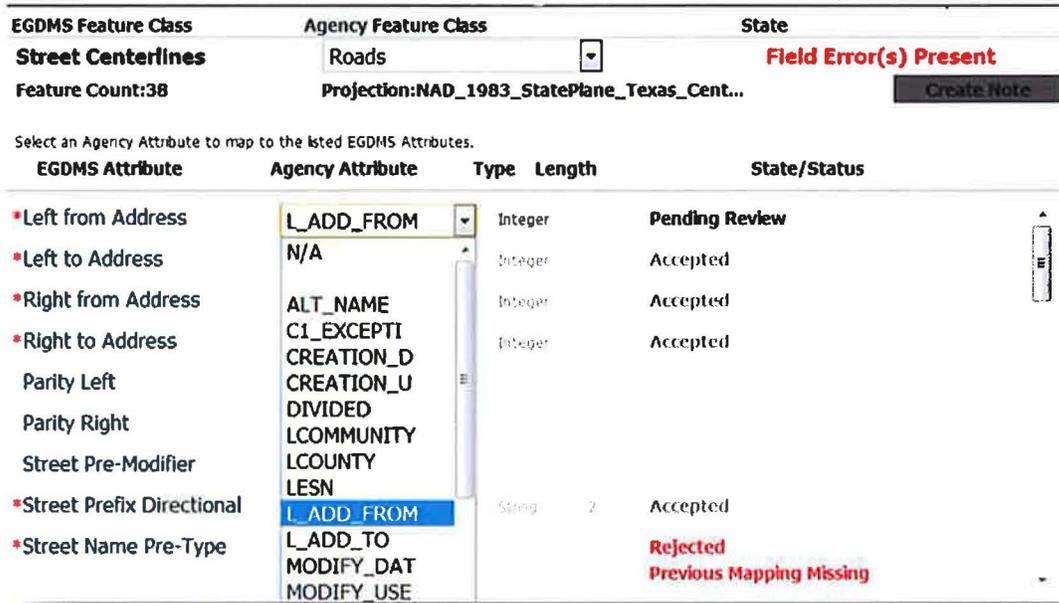


Figure 5: EGDMS Portal Field Mapping Tools

Ongoing GIS Data Updates

The EGDMS solution includes proprietary delta detection tools that allow users to submit full GIS databases as opposed to only added/changed/deleted features. Updates can be sent daily, or as needed. As many GIS agencies do not possess the licensing requirements for Esri SDE replication, the ability for all customers to isolate and submit only changed features is not reliable or easily achieved. This is the primary reason West’s solution utilizes full GIS database uploads, where the EGDMS solution identifies and processes the changed features between the production data and the updated data on the agency’s behalf.

This solution supports any customer data format (shapefile or file geodatabase formats) and it does not require additional software licensing. Data updates which are processed and validated by the EGDMS system are then provisioned to the regional or state level database.

GIS Data Workflow

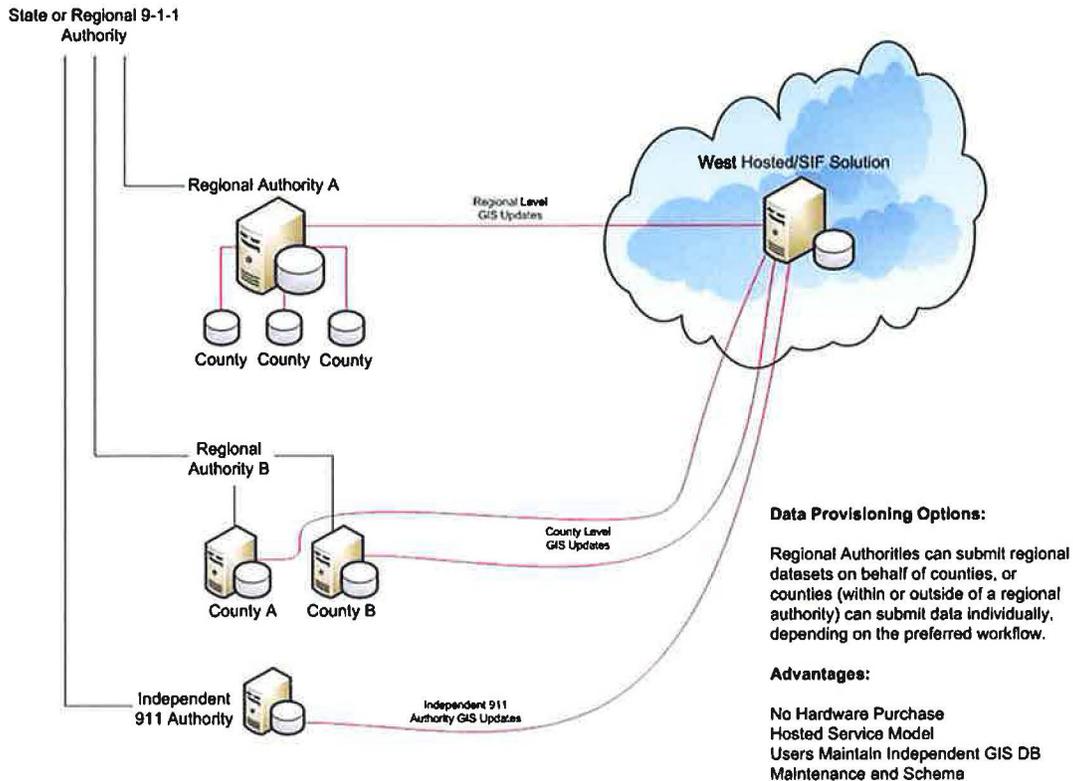


Figure 6: West GIS Data Workflow

West's EGDMS solution is configured with a hierarchal design, enabling counties to submit data directly to the EGDMS or authorized entities to submit data on the counties' behalf (i.e. a regional authority or vendor).

Data can be submitted as frequently as necessary based on the agency's workflow and data updating needs. Customer data collected by the EGDMS will be stored in two forms:

- First, data is stored in the customer native format
- Second, data is stored in a coalesced, standardized and validated production database designed with NENA NG9-1-1 GIS Data Model compliance

The EGDMS production database is able to provision authoritative data to participating agencies/data users as necessary. This data can be provided to any authorized users in a single, validated regional database in an NG9-1-1 compliant schema.

C. TECHNICAL REQUIREMENTS

West Response: Comply

West understands the scope of work requested by the Commission and is confident that the proposed NG9-1-1 GIS Managed Services will satisfy these requirements. The EGDMS system not only provides automated feedback upon GIS data upload, the system also offers automated 9-1-1 GIS data QA/QC validations that will return associated upload reports and error files in a very timely manner (generally within 1-2 hours depending on the size of the GIS data upload/region). This allows for quicker feedback and error resolution.

The EGDMS Data Interrogator automatically checks each upload's contents for minimum data requirements. Any data upload that is found in error will be marked for deletion and the data source is notified immediately via automated email notification.

Each customer/data source on the EGDMS system has a specific customer configuration that stores contact names, phone numbers and emails for all automated notifications. The EGDMS Agency Details are shown in Figure 7, below.

The screenshot displays the 'Agency Details' configuration page within the '9-1-1 EGDMS - Data Management' system. The page includes a navigation bar with 'Agency Details' selected. The main content area is titled 'Agency' and contains the following fields:

- * Agency Contact:** A text input field.
- * Email:** A text input field.
- TN:** A text input field.
- Ext:** A text input field.
- * GIS Technical Contact:** A text input field.
- * Email:** A text input field.
- TN:** A text input field.
- Ext:** A text input field.
- Assigned 9-1-1 EGDMS Analyst:** A text input field.
- *9-1-1 EGDMS Analyst Distro:** A text input field.
- * GIS Data Format:** A dropdown menu with 'Select' as the current value.
- * Workflow Path:** A dropdown menu with 'Select' as the current value.

Figure 7: EGDMS Agency Details

EGDMS Data Requirements

West's EGDMS is designed to work with most customer-provided GIS data, accepting file geodatabase or shapefile submission. The EGDMS utilizes a NG9-1-1 GIS Data Model compliant design, and the EGDMS will help customers' submitted data comply with these standards and guide customers to meet the minimum data requirements. There may be cases where minor alterations of the customer data are required; West will review the GIS data format and recommend any necessary changes.

The feature classes supported by West's EGDMS include:

- Street Centerlines
Street centerline data for the agency's jurisdiction
- Site/Structure Address Points
Site/structure address points for the agency's jurisdiction
- PSAP Area Boundary
Public Safety Answering Point boundary polygons for the agency's jurisdiction
- Law Response Boundary
Law response boundary polygons for the agency's jurisdiction
- Fire Response Boundary
Fire response boundary polygons for the agency's jurisdiction
- EMS Response Boundary
EMS/medical response boundary polygons for the agency's jurisdiction
- Municipal Boundary
Incorporated Municipality boundary polygons for the agency's jurisdiction
- Provisioning/Authoritative Boundary
Authoritative boundary polygon that covers the area for which the agency is responsible for maintaining GIS data for 9-1-1 purposes

QA/QC Validations and Reporting

West's Project Management team will work with the Commission to discuss the QA/QC methods and procedures to confirm the EGDMS validations meet the needs of the QA/QC outlined in the technical requirements.

The EGDMS validation engine refers errors back to the originating agency in comprehensive reports and error shapefiles via the EGDMS portal. Validation errors must be corrected by the agency within their own GIS database, and updates are submitted and processed on an ongoing basis. Ongoing EGDMS Validations include road centerline, address point, and polygon validations for each data upload. As shown in the figure below, only features that pass QA/QC critical error checks proceed to production and features that contain critical errors are referred back to the data provisioning agency for correction for street centerline and site/structure address point errors. Polygon layers are not updated if the layer contains a single critical error (no partial updates to production). QA/QC workflow and data processing steps are shown below in Figure 8.

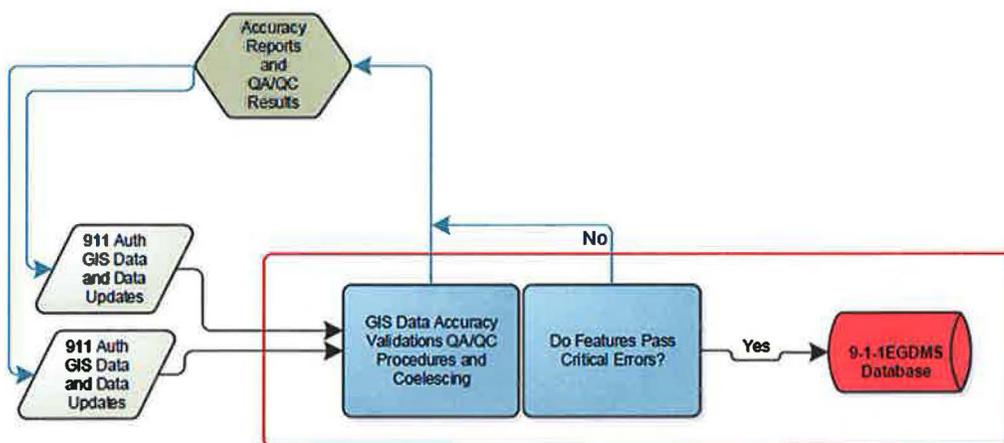


Figure 8: QA/QC Processing

GIS validation reports are available through the EGDMS portal. Reports which are generated by the EGDMS contain an upload summary report including Street Centerline validation, Site/Structure Address Point validation, Polygon validation and error shapefiles.

EGDMS Validations include the following:

Validations for All Layers

- Compare the schema and data structure and properties of the source dataset with the schema and properties of the master database and report discrepancies in the EGDMS Field Mapping Tool
- Database Field Constraint Issues
- All Features fall within the Authoritative Boundary
- Duplicate Feature Detection

- Unique ID Validation
- Values are present for required attributes
- Remove features with NULL geometry
- Repair features with bad geometry

Boundary Layers (Provisioning/Authoritative Boundary, PSAP, Fire, Law, EMS)

- Polygon gap/overlap validation is provided
 - For errors involving multiple agencies, participants must work with neighbor agencies to resolve issues; West will work with agencies to facilitate error resolution

Street Centerlines

- Street Name Parsing Issues
- Street Name element standardization recommendations
- Street Direction Issues
- Address Range Parity Issues
- Address Range Overlap

Site/Structure Address Points

- Street Name Parsing Issues
- Street Name element standardization recommendations
- Low Frequency Street Name

Note: Additional NTIC validations will be added to the existing EGDMS validations in support of the technical requirements outlined in this RFP. The additional NTIC validations will be added to the EGDMS in the third quarter of 2019.

9-1-1 EGDMS GIS Data Upload Report - TX - ESEC

Date and Time of Data Submission: 2/22/2018 10:09
 Processing started: 2/22/2018 12:22
 Processing completed: 2/26/2018 02:41
 For questions regarding this report, please contact: EGDMSAnalysts@west.com

Upload Summary:

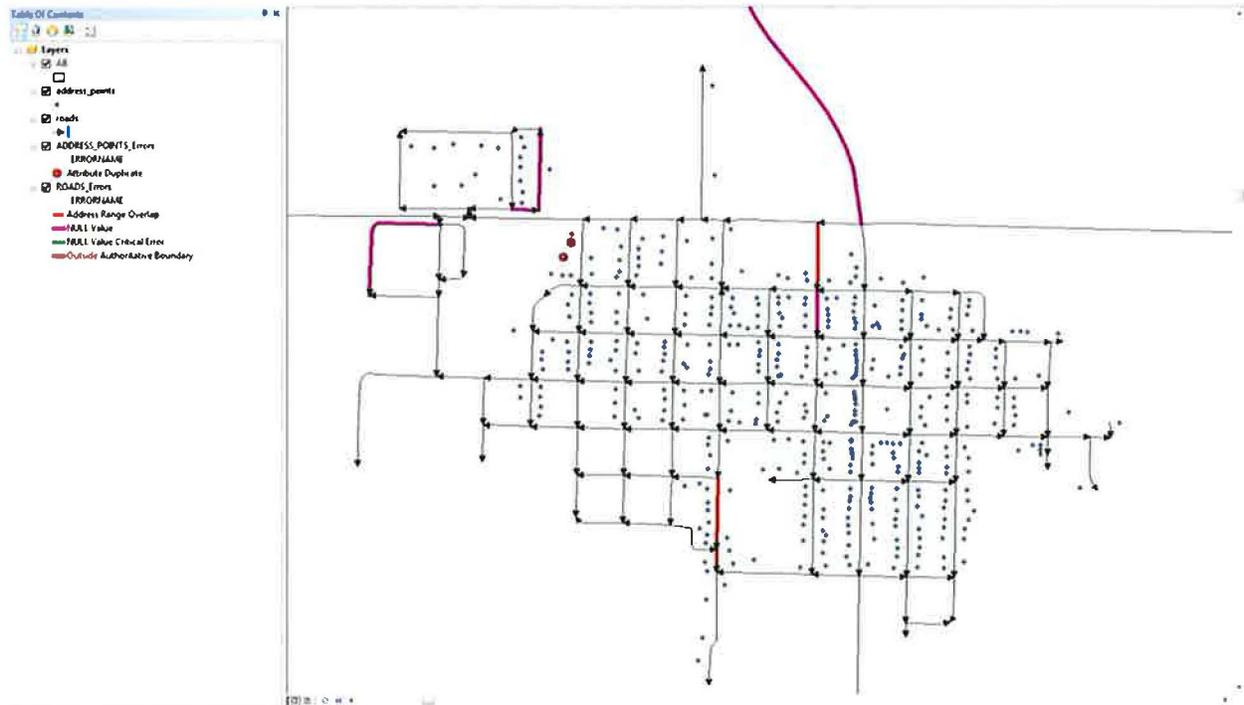
| Agency Layer Name | Total Count | Changed/Added Feature Count | Critical Errors* | Processed for Production |
|------------------------|-------------|-----------------------------|------------------|--------------------------|
| Authoritative_Boundary | 1 | 1 | 0 | 1 |
| FIRE | 304 | 304 | 133 | 171 |
| LAW | 155 | 155 | 55 | 100 |
| MEDICAL | 67 | 67 | 20 | 47 |
| MUNICIPAL_BOUNDARIES | 121 | 121 | 19 | 103 |
| PSAP | 38 | 38 | 13 | 25 |
| ROAD_CENTERLINES | 106,696 | 106,696 | 161 | 106,504 |
| SITE_STRUCTURE_POINTS | 349,128 | 349,128 | 91 | 349,128 |

* These features are not processed for production and should be reviewed as soon as possible

Figure 9: EGDMS Data Upload Summary Report Cover

A complete EGDMS GIS Data Upload Report has been provided with this proposal in the Attachments section and a screen capture of the document is included in Figure 9, on the preceding page.

In addition to Upload Summary Reports, shapefiles of the customer data records in error are provided. The error tables are in the data source's originally provided schema, with the error type/description appended to the shapefile table. Figure 10, below shows errors being viewed within ArcMap. A list of critical errors is provided in Figure 11, which immediately follows.



| ERRORTYPE | ERRORNAME | REASON |
|-----------|----------------------------|---|
| 6 | Domain Addressing Standard | Lookup Failed - PRE_DIR: N |
| 6 | Domain Addressing Standard | Lookup Failed - ST_TYPE: CT |
| 6 | Domain Addressing Standard | Lookup Failed - ST_TYPE: DR |
| 16 | Address Range Parity | Parity Error: Right(425-489, B) |
| 16 | Address Range Parity | Parity Error: Right(451-489, B) |
| 6 | Domain Addressing Standard | Lookup Failed - PRE_DIR: N |
| 6 | Domain Addressing Standard | Lookup Failed - ST_TYPE: CT |
| 16 | Address Range Parity | Parity Error: Right(395-491, B) |
| 6 | Domain Addressing Standard | Lookup Failed - PRE_DIR: N |
| 6 | Domain Addressing Standard | Lookup Failed - ST_TYPE: AVE |
| 16 | Address Range Parity | Parity Error: Right(446-490, B) |
| 6 | Domain Addressing Standard | Lookup Failed - PRE_DIR: N |
| 6 | Domain Addressing Standard | Lookup Failed - PRE_DIR: N |
| 6 | Domain Addressing Standard | Lookup Failed - ST_TYPE: CT |
| 6 | Domain Addressing Standard | Lookup Failed - ST_TYPE: AVE |
| 16 | Address Range Parity | Parity Error: Right(373-493, B) |
| 16 | Address Range Parity | Parity Error: Right(401-491, B); Left(400-492, O) |
| 6 | Domain Addressing Standard | Lookup Failed - PRE_DIR: N |
| 6 | Domain Addressing Standard | Lookup Failed - PRE_DIR: N |
| 6 | Domain Addressing Standard | Lookup Failed - PRE_DIR: N |

Figure 10: Viewing Error Shapefiles in ArcMap

| Error Name | Error Description |
|---------------------------------|---|
| Outside Authoritative Boundary | All or part of the feature falls outside the authoritative boundary |
| Boundary - Neighbor - Gap | A gap exists between the boundary polygon and an adjacent data source's boundary polygon |
| Boundary - Internal - Gap | A gap exists between the boundary polygon and another boundary polygon within your database |
| Boundary - Neighbor - Overlap | The boundary polygon feature overlaps an adjacent data source's boundary polygon |
| Boundary - Internal - Overlap | The boundary polygon feature overlaps another boundary polygon within your database |
| Routing URI | The Routing URI is either missing or invalid within the service response boundary polygon |
| NULL Value | A required attribute is blank or NULL. |
| Field Constraint | An attribute value is incompatible with the EGDMS database schema and cannot be loaded |
| Domain Addressing Standard | The attribute value does not match an existing addressing standard value within the parsed street name attributes (pre type, pre directional, street type, post directional) |
| True Duplicate | The exact feature is duplicated multiple times in the layer - EGDMS deletes the duplicate features, leaving a single record |
| Attribute Duplicate | The feature's attributes are duplicated in multiple features, but each feature has a unique location - All records are returned as errors and must be corrected to proceed to production |
| Address Range Overlap | An overlap exists in one or both sides of the address ranges between two connected and identically named street centerline segments. |
| Street Pointing Wrong Direction | A discrepancy between two identically named and connected street segments where the ending point of one segment is different from the beginning point of the connected segment. |
| Street Name Parsing | Identifies street names that are potentially not properly parsed, example: the street name field contains street types or street directionals |
| Low Frequency Street Name | A single address point street name exists (this is only a warning, but oftentimes finds street name spelling/parsing issues) |
| Address Range Parity | Describes street segments that have a mix of odd and/or even addresses on one particular side of that segment and not indicated accordingly in the Left and Right Parity fields. Street centerlines should only have odd addresses on one side and even addresses on the other. |
| Unique ID Duplicate | The feature's Unique ID is duplicated within the agency's layer - these are critical errors and must be corrected to proceed to production |
| Geometry Error | A record exists in the attribute table that is not associated with a geographic feature or the geometry of a feature is in error. |
| Geometry Warning | A feature had invalid geometry, but that inconsistency was automatically corrected by EGDMS. |

Figure 11: Critical Error Table

Error Exceptions

The ability to denote exceptions for address range overlaps in the road centerlines exists in the EGDMS today. Exceptions for road centerlines that fall outside the authoritative boundary are on the current West roadmap. If additional error exceptions are required, West is willing to discuss additional data validations the Commission would like to have the ability to denote as exceptions.

MSAG/ALI to GIS Comparison

Initially, West will perform monthly ALI/MSAG to GIS comparisons using MapSAG, West's 9-1-1 GIS Data Management Application.

It is important to note that West, as the current MSAG provider for much of Nebraska, has immediate access to the ALI and MSAG records providing flexibility on the scheduling of these comparisons.

West is in the process of incorporating the MSAG / ALI to GIS comparison into the EGDMS solution; West expects this to be completed in the second quarter of 2019.

The following methodology will be used initially for the MSAG to GIS Comparison

A MSAG from GIS in NENA 2.1 format will be created for each entity, and compared to the official legacy MSAG files from each entity. Prior to comparison, the nonaddressable records from the Official MSAG will be deleted including:

- FX Records
- VoIP records
- Wireless records
- Fictitious records: blank to blank, zero to zero

Note: MSAG records for non-addressed (0-0) street ranges or unnamed streets will not be built.

Utilizing the official legacy MSAG and MSAG derived from GIS files, this comparison will be used to determine the match rate. The goal for this comparison is to achieve a 98% match rate. Resolving the discrepancies that result from this comparison will require a coordinated effort between the GIS staff, 9-1-1 Database staff, and the 9-1-1 DBMS as changes to the ALI, MSAG and/or changes to the GIS data will need to be made to resolve the discrepancies. West will work with participants to facilitate this effort as needed. The 98% match rate will avoid issues with new service requests assigned from MSAG (where MSAG ranges are outside of GIS ranges) from falling outside of the GIS centerline address range. The ultimate goal of the ALI/MSAG to GIS comparison is to have the two databases synchronized, and keeping the two databases in sync will be an ongoing process until the ALI and MSAGs are eventually replaced with NG9-1-1 functional elements.

Optionally, West can perform an “Inclusive Range” comparison that determines if the GIS ranges are within the low and high range values in the legacy MSAG, providing greater flexibility in identifying mismatches between your GIS and MSAG data in cases where ranges are maintained in a different fashion (i.e. actual ranges vs. theoretic or hundred block ranges).

The following methodology will be used initially for ALI to GIS Comparisons

Prior to performing the ALI to GIS compare West will delete the non-addressable records from the ALI database including:

- VoIP Records
- Wireless Records
- Other records that should not be considered in comparison process

The ALI address records are then compared to the GIS road centerline. The percentage of ALI records (TN's) that match a valid street and range in the GIS will equal the total match rate percentage. The goal for this comparison is to achieve a 98% match rate.

West will also perform ALI to address point comparisons, which will attempt to match all ALI records (as described above) to a site/structure address point rather than the road centerlines. The goal of this comparison is to achieve a 98% match rate.

After the Initial Source Data Assessment, West will work the local agencies and their editing partners to make certain each agency understands how to correct the QA/QC errors. The project goal is error correction, not repeatedly submitting the same errors month after month. West will spend approximately three months working with the agencies and their partners to make certain they understand what their errors are and also understand how to correct their errors. West will provide a series of three webinars on error correction.

At the end of the Initial Source Data Assessment each agency will be responsible for completing the EGDMS First Submittal Process and a Final Data Assessment Report will be provided back to the local entities that will reflect the number of corrections made. At this point, resolution of issues by local entities becomes an ongoing process and West begins their NG9-1-1 GIS Managed Services.

NG9-1-1 GIS Managed Services is a required level of effort service to help submitting agencies with evaluating, managing, correcting, testing, updating, and provisioning GIS data into the NG9-1-1 system. These services include:

- EGDMS Spatial Interface Access, Setup, Overview and Training
- EGDMS Spatial Interface GIS data onboarding support including i2 and i3 field mapping assistance, polygon management and troubleshooting support
- General NG9-1-1 GIS data management consultation
- Assistance with ALI and MSAG to GIS Comparison process
- Facilitation with TSP to resolve 9-1-1 databased discrepancies
- Legacy call routing to GIS based routing comparison testing and troubleshooting support

D. CONTRACTOR REQUIREMENTS

West Response: **Comply**

Implementation Project Plan and Deployment Strategies

West follows well-established, comprehensive, and detailed implementation plans and project deployment strategies. With EGDMS readily and currently available, customer turn up can be accomplished quickly.

Overall project milestones include:

- On Site Project Kickoff Meeting
- QA/QC Procedures and Workflow Development
- GIS Data Model
- Initial Data Assessment
- EGDMS First Pass
- Managed NG9-1-1 Services

Table 1, below provides an outline of the responsibilities of each party for the implementation of the EGDMS and ongoing NG9-1-1 GIS Managed Services.

Table 1: EGDMS Implementation Tasks by Responsible Party

| EGDMS Task | Responsibility |
|--|----------------------------|
| <ul style="list-style-type: none"> • Hosting the Managed Service and Enterprise GIS DB • Customer setup • Authentication and Credential Provisioning • End User Training • EGDMS User Guide (available via the EGDMS portal) • GIS Data Validation & Reporting • Software maintenance & enhancements • Technical support • Project Management | West Safety Services |
| <ul style="list-style-type: none"> • GIS Editing Software • GIS data creation and maintenance • Database schema updates (if required) • Error Resolution • Ongoing GIS data update submissions | GIS Data Source / Provider |

A West Project Manager will be assigned to each agency receiving ongoing managed services, and will serve as the single point of contact for customers.

The following tasks will be carried out to implement new users on the system:

- Data Source account setup and credential provisioning
- Provide end user training for initial uploads via webinar
- Assist customers with EGDMS initial field mapping configurations
- Review initial QA/QC error reports individually with each data source
- Commence Ongoing Managed Services (Ongoing QA/QC and reporting)

System Availability and Support

The West Network Operations Center (NOC) provides network and system support for EGDMS. Tickets can be opened via email or phone call. The NOC is available 24x7x365.

The West GIS Operations support team provides GIS-related support for EGDMS and related services and is available weekdays 8:00am – 6:00pm central time. Additionally, West GIS / i3 coaching services provide additional related support for facilitating GIS, E9-1-1 and NG9-1-1 transition questions, advice, recommendations, considerations, services and general assistance.

A team of dedicated i3 coaches will be assigned to the EGDMS project and will assist customers in achieving NG9-1-1 GIS data readiness objectives through providing support including but not limited to EGDMS system setup and training, how to interpret error reporting, data provisioning assistance, provide advice and recommendations around GIS and/or 9-1-1 database management and coordination between local and regional agencies and telephone service providers when necessary.

Training materials, including the EGDMS User Guide, will be updated as new versions of the EGDMS are released. Additionally, West provides dedicated system training that goes above and beyond the User Guide documentation, and includes NG9-1-1 GIS data management considerations including the transitional considerations.

EGDMS is a business critical system that meets 99% availability and is hosted in a high availability data center. West will provide 10 business day notification in advance of a planned EGDMS change event. Please note the following:

- EGDMS changes may occur during business hours
- Access/credentialing application changes are typically scheduled outside of business hours, depending on customer impact
- Notification will be sent prior to any planned event

For EGDMS issues, a ticket will be opened for investigation and will attempt to plan an emergent change for resolution. An incident will be declared should the duration of the problem extend to an unacceptable duration. Incidents will result in notification to the Project Manager and appropriate action and status notifications will be made according to the West Incident Response Plan.

Security

West's EGDMS Portal is access requires a username, password, and a two-factor security key fob. The application is browser based, and can be accessed by Internet Explorer 9 or later. West's Information Security department and Technical Operations departments monitor system activity, security and access. Access to network systems is to be restricted to custodians who are authorized to perform those network administration functions. Where possible, access to network systems is to be logged and monitored to identify potential misuse or compromise. Unauthorized attempts result in (temporarily) disabled accounts that must be reset by West system administrators.

E. DELIVERABLES

West Response: Comply

Key deliverables include but are not limited to the following:

- QA/QC Procedures and Workflow Development
- GIS Data Model
- Initial Data Assessment
- EGDMS First Pass
- Managed NG9-1-1 Services
 - 9-1-1 EGDMS Upload Summary/Error Reports
 - Error Shapefiles (per feature class containing errors)
 - Monthly ALI to Road Centerline Comparison Report
 - Monthly ALI to Address Point Comparison Report
 - Monthly MSAG to GIS Comparison Report
 - Periodic Project Summary Reports delivered to the Commission

WEST'S RESPONSES TO SECTIONS II THROUGH VII

West's responses to the RFP requirements in sections II through VII begin on the next page.

II. TERMS AND CONDITIONS

Bidders should complete Sections II through VI as part of their proposal. Bidder is expected to read the Terms and Conditions and should initial either accept, reject, or reject and provide alternative language for each clause. The bidder should also provide an explanation of why the bidder rejected the clause or rejected the clause and provided alternate language. By signing the RFP, bidder is agreeing to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the proposal. The State reserves the right to negotiate rejected or proposed alternative language. If the State and bidder fail to agree on the final Terms and Conditions, the State reserves the right to reject the proposal. The State of Nebraska is soliciting proposals in response to this RFP. The State of Nebraska reserves the right to reject proposals that attempt to substitute the bidder's commercial contracts and/or documents for this RFP.

The bidders should submit with their proposal any license, user agreement, service level agreement, or similar documents that the bidder wants incorporated in the contract. The State will not consider incorporation of any document not submitted with the bidder's proposal as the document will not have been included in the evaluation process. These documents shall be subject to negotiation and will be incorporated as addendums if agreed to by the Parties.

If a conflict or ambiguity arises after the Addendum to Contract Award have been negotiated and agreed to, the Addendum to Contract Award shall be interpreted as follows:

1. If only one Party has a particular clause then that clause shall control;
2. If both Parties have a similar clause, but the clauses do not conflict, the clauses shall be read together;
3. If both Parties have a similar clause, but the clauses conflict, the State's clause shall control.

West Response: Understood

A. GENERAL

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The contract resulting from this RFP shall incorporate the following documents:

1. Request for Proposal and Addenda;
2. Amendments to the RFP;
3. Questions and Answers;
4. Contractor's proposal (RFP and properly submitted documents);
5. The executed Contract and Addendum One to Contract, if applicable ; and,
6. Amendments/Addendums to the Contract.

These documents constitute the entirety of the contract.

Unless otherwise specifically stated in a future contract amendment, in case of any conflict between the incorporated documents, the documents shall govern in the following order of preference with number one (1) receiving preference over all other documents and with each lower numbered document having preference over any higher numbered document: 1) Amendment to the executed Contract with the most recent dated amendment having the highest priority, 2) executed Contract and any attached Addenda, 3) Amendments to RFP and any Questions and Answers, 4) the original RFP document and any Addenda, and 5) the Contractor's submitted Proposal.

Any ambiguity or conflict in the contract discovered after its execution, not otherwise addressed herein, shall be resolved in accordance with the rules of contract interpretation as established in the State of Nebraska.

West Response: Accept

B. NOTIFICATION

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

Contractor and State shall identify the contract manager who shall serve as the point of contact for the executed contract.

Communications regarding the executed contract shall be in writing and shall be deemed to have been given if delivered personally or mailed, by U.S. Mail, postage prepaid, return receipt requested, to the parties at their respective addresses set forth below, or at such other addresses as may be specified in writing by either of the parties. All notices, requests, or communications shall be deemed effective upon personal delivery or three (3) calendar days following deposit in the mail.

West Response: Accept

C. GOVERNING LAW (Statutory)

Notwithstanding any other provision of this contract, or any amendment or addendum(s) entered into contemporaneously or at a later time, the parties understand and agree that, (1) the State of Nebraska is a sovereign state and its authority to contract is therefore subject to limitation by the State's Constitution, statutes, common law, and regulation; (2) this contract will be interpreted and enforced under the laws of the State of Nebraska; (3) any action to enforce the provisions of this agreement must be brought in the State of Nebraska per state law; (4) the person signing this contract on behalf of the State of Nebraska does not have the authority to waive the State's sovereign immunity, statutes, common law, or regulations; (5) the indemnity, limitation of liability, remedy, and other similar provisions of the final contract, if any, are entered into subject to the State's Constitution, statutes, common law, regulations, and sovereign immunity; and, (6) all terms and conditions of the final contract, including but not limited to the clauses concerning third party use, licenses, warranties, limitations of liability, governing law and venue, usage verification, indemnity, liability, remedy or other similar provisions of the final contract are entered into specifically subject to the State's Constitution, statutes, common law, regulations, and sovereign immunity.

The Parties must comply with all applicable local, state and federal laws, ordinances, rules, orders, and regulations.

West Response: Understand and Comply

D. BEGINNING OF WORK

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The bidder shall not commence any billable work until a valid contract has been fully executed by the State and the successful Contractor. The Contractor will be notified in writing when work may begin.

West Response: Accept

E. CHANGE ORDERS

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The State and the Contractor, upon the written agreement, may make changes to the contract within the general scope of the RFP. Changes may involve specifications, the quantity of work, or such other items as the State may find necessary or desirable. Corrections of any deliverable, service, or work required pursuant to the contract shall not be deemed a change. The Contractor may not claim forfeiture of the contract by reasons of such changes.

The Contractor shall prepare a written description of the work required due to the change and an itemized cost sheet for the change. Changes in work and the amount of compensation to be paid to the Contractor shall be determined in accordance with applicable unit prices if any, a pro-rated value, or through negotiations. The State shall not incur a price increase for changes that should have been included in the Contractor's proposal, were foreseeable, or result from difficulties with or failure of the Contractor's proposal or performance.

No change shall be implemented by the Contractor until approved by the State, and the contract is amended to reflect the change and associated costs, if any. If there is a dispute regarding the cost, but both parties agree that immediate implementation is necessary, the change may be implemented, and cost negotiations may continue with both Parties retaining all remedies under the contract and law.

West Response: Accept

F. NOTICE OF POTENTIAL CONTRACTOR BREACH

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

If Contractor breaches the contract or anticipates breaching the contract, the Contractor shall immediately give written notice to the State. The notice shall explain the breach or potential breach, a proposed cure, and may include a request for a waiver of the breach if so desired. The State may, in its discretion, temporarily or permanently waive the breach. By granting a waiver, the State does not forfeit any rights or remedies to which the State is entitled by law or equity, or pursuant to the provisions of the contract. Failure to give immediate notice, however, may be grounds for denial of any request for a waiver of a breach.

West Response: Accept

G. BREACH

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

Either Party may terminate the contract, in whole or in part, if the other Party breaches its duty to perform its obligations under the contract in a timely and proper manner. Termination requires written notice of default and a thirty (30) calendar day (or longer at the non-breaching Party's discretion considering the gravity and nature of the default) cure period. Said notice shall be delivered by Certified Mail, Return Receipt Requested, or in person with proof of delivery. Allowing time to cure a failure or breach of contract does not waive the right to immediately terminate the contract for the same or different contract breach which may occur at a different time. In case of default of the Contractor, the State may contract the service from other sources and hold the Contractor responsible for any excess cost occasioned thereby.

The State's failure to make payment shall not be a breach, and the Contractor shall retain all available statutory remedies and protections.

West Response: Accept

H. NON-WAIVER OF BREACH

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The acceptance of late performance with or without objection or reservation by a Party shall not waive any rights of the Party nor constitute a waiver of the requirement of timely performance of any obligations remaining to be performed.

West Response: Accept

I. SEVERABILITY

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

If any term or condition of the contract is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and conditions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the contract did not contain the provision held to be invalid or illegal.

West Response: Accept

J. INDEMNIFICATION

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

1. GENERAL

The Contractor agrees to defend, indemnify, and hold harmless the State and its employees, volunteers, agents, and its elected and appointed officials (“the indemnified parties”) from and against any and all third party claims, liens, demands, damages, liability, actions, causes of action, losses, judgments, costs, and expenses of every nature, including investigation costs and expenses, settlement costs, and attorney fees and expenses (“the claims”), sustained or asserted against the State for personal injury, death, or property loss or damage, arising out of, resulting from, or attributable to the willful misconduct, negligence, error, or omission of the Contractor, its employees, subcontractors, consultants, representatives, and agents, resulting from this contract, except to the

extent such Contractor liability is attenuated by any action of the State which directly and proximately contributed to the claims.

2. INTELLECTUAL PROPERTY

The Contractor agrees it will, at its sole cost and expense, defend, indemnify, and hold harmless the indemnified parties from and against any and all claims, to the extent such claims arise out of, result from, or are attributable to, the actual or alleged infringement or misappropriation of any patent, copyright, trade secret, trademark, or confidential information of any third party by the Contractor or its employees, subcontractors, consultants, representatives, and agents; provided, however, the State gives the Contractor prompt notice in writing of the claim. The Contractor may not settle any infringement claim that will affect the State's use of the Licensed Software without the State's prior written consent, which consent may be withheld for any reason.

If a judgment or settlement is obtained or reasonably anticipated against the State's use of any intellectual property for which the Contractor has indemnified the State, the Contractor shall, at the Contractor's sole cost and expense, promptly modify the item or items which were determined to be infringing, acquire a license or licenses on the State's behalf to provide the necessary rights to the State to eliminate the infringement, or provide the State with a non-infringing substitute that provides the State the same functionality. At the State's election, the actual or anticipated judgment may be treated as a breach of warranty by the Contractor, and the State may receive the remedies provided under this RFP.

3. PERSONNEL

The Contractor shall, at its expense, indemnify and hold harmless the indemnified parties from and against any claim with respect to withholding taxes, worker's compensation, employee benefits, or any other claim, demand, liability, damage, or loss of any nature relating to any of the personnel, including subcontractors and their employees, provided by the Contractor.

4. SELF-INSURANCE

The State of Nebraska is self-insured for any loss and purchases excess insurance coverage pursuant to Neb. Rev. Stat. § 81-8,239.01 (Reissue 2008). If there is a presumed loss under the provisions of this agreement, Contractor may file a claim with the Office of Risk Management pursuant to Neb. Rev. Stat. §§ 81-8,829 – 81-8,306 for review by the State Claims Board. The State retains all rights and immunities under the State Miscellaneous (Section 81-8,294), Tort (Section 81-8,209), and Contract Claim Acts (Section 81-8,302), as outlined in Neb. Rev. Stat. § 81-8,209 et seq. and under any other provisions of law and accepts liability under this agreement to the extent provided by law.

- 5.** The Parties acknowledge that Attorney General for the State of Nebraska is required by statute to represent the legal interests of the State, and that any provision of this indemnity clause is subject to the statutory authority of the Attorney General.

West Response: Accept

K. ATTORNEY'S FEES

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

In the event of any litigation, appeal, or other legal action to enforce any provision of the contract, the Parties agree to pay all expenses of such action, as permitted by law and if order by the court, including attorney's fees and costs, if the other Party prevails.

West Response: Accept

L. ASSIGNMENT, SALE, OR MERGER

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

Either Party may assign the contract upon mutual written agreement of the other Party. Such agreement shall not be unreasonably withheld.

The Contractor retains the right to enter into a sale, merger, acquisition, internal reorganization, or similar transaction involving Contractor's business. Contractor agrees to cooperate with the State in executing amendments to the contract to allow for the transaction. If a third party or entity is involved in the transaction, the Contractor will remain responsible for performance of the contract until such time as the person or entity involved in the transaction agrees in writing to be contractually bound by this contract and perform all obligations of the contract.

West Response: Accept

M. CONTRACTING WITH OTHER NEBRASKA POLITICAL SUB-DIVISIONS

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The Contractor may, but shall not be required to, allow agencies, as defined in Neb. Rev. Stat. §81-145, to use this contract. The terms and conditions, including price, of the contract may not be amended. The State shall not be contractually obligated or liable for any contract entered into pursuant to this clause. A listing of Nebraska political subdivisions may be found at the website of the Nebraska Auditor of Public Accounts.

West Response: Accept

N. FORCE MAJEURE

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

Neither Party shall be liable for any costs or damages, or for default resulting from its inability to perform any of its obligations under the contract due to a natural or manmade event outside the control and not the fault of the affected Party ("Force Majeure Event"). The Party so affected shall immediately make a written request for relief to the other Party, and shall have the burden of proof to justify the request. The other Party may grant the relief requested; relief may not be unreasonably withheld. Labor disputes with the impacted Party's own employees will not be considered a Force Majeure Event.

West Response: Accept

O. CONFIDENTIALITY

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

All materials and information provided by the Parties or acquired by a Party on behalf of the other Party shall be regarded as confidential information. All materials and information provided or acquired shall be handled in accordance with federal and state law, and ethical standards. Should said confidentiality be breached by a Party, the Party shall notify the other Party immediately of said breach and take immediate corrective action.

It is incumbent upon the Parties to inform their officers and employees of the penalties for improper disclosure imposed by the Privacy Act of 1974, 5 U.S.C. 552a. Specifically, 5 U.S.C. 552a (i)(1), which is made applicable by 5 U.S.C. 552a (m)(1), provides that any officer or employee, who by virtue of his/her employment or official position has possession of or access to agency records which contain individually identifiable information, the disclosure of which is prohibited by the Privacy Act or regulations established thereunder, and who knowing that disclosure of the specific material is prohibited, willfully discloses the material in any manner to any person or agency not entitled to receive it, shall be guilty of a misdemeanor and fined not more than \$5,000.

West Response: Accept

P. EARLY TERMINATION

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|---------------------|---------------------|---|-----------------|
| TR | | | |

The contract may be terminated as follows:

1. The State and the Contractor, by mutual written agreement, may terminate the contract at any time.
2. The State, in its sole discretion, may terminate the contract for any reason upon thirty (30) calendar day's written notice to the Contractor. Such termination shall not relieve the Contractor of warranty or other service obligations incurred under the terms of the contract. In the event of termination the Contractor shall be entitled to payment, determined on a pro rata basis, for products or services satisfactorily performed or provided.
3. The State may terminate the contract immediately for the following reasons:
 - a. if directed to do so by statute;
 - b. Contractor has made an assignment for the benefit of creditors, has admitted in writing its inability to pay debts as they mature, or has ceased operating in the normal course of business;
 - c. a trustee or receiver of the Contractor or of any substantial part of the Contractor's assets has been appointed by a court;
 - d. fraud, misappropriation, embezzlement, malfeasance, misfeasance, or illegal conduct pertaining to performance under the contract by its Contractor, its employees, officers, directors, or shareholders;
 - e. an involuntary proceeding has been commenced by any Party against the Contractor under any one of the chapters of Title 11 of the United States Code and (i) the proceeding has been pending for at least sixty (60) calendar days; or (ii) the Contractor has consented, either expressly or by operation of law, to the entry of an order for relief; or (iii) the Contractor has been decreed or adjudged a debtor;
 - f. a voluntary petition has been filed by the Contractor under any of the chapters of Title 11 of the United States Code;
 - g. Contractor intentionally discloses confidential information;
 - h. Contractor has or announces it will discontinue support of the deliverable; and,
 - i. In the event funding is no longer available.

West Response: Accept

Q. CONTRACT CLOSEOUT

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|---------------------|---------------------|---|-----------------|
| TR | | | |

Upon contract closeout for any reason the Contractor shall within 30 days, unless stated otherwise herein:

1. Transfer all completed or partially completed deliverables to the State;
2. Transfer ownership and title to all completed or partially completed deliverables to the State;
3. Return to the State all information and data, unless the Contractor is permitted to keep the information or data by contract or rule of law. Contractor may retain one copy of any information or data as required to comply with applicable work product documentation standards or as are automatically retained in the course of Contractor's routine back up procedures;
4. Cooperate with any successor Contactor, person or entity in the assumption of any or all of the obligations of this contract;
5. Cooperate with any successor Contactor, person or entity with the transfer of information or data related to this contract;
6. Return or vacate any state owned real or personal property; and,
7. Return all data in a mutually acceptable format and manner.

Nothing in this Section should be construed to require the Contractor to surrender intellectual property, real or personal property, or information or data owned by the Contractor for which the State has no legal claim.

West Response: Accept

III. CONTRACTOR DUTIES

A. INDEPENDENT CONTRACTOR / OBLIGATIONS

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

It is agreed that the Contractor is an independent contractor and that nothing contained herein is intended or should be construed as creating or establishing a relationship of employment, agency, or a partnership. The Contractor is solely responsible for fulfilling the contract. The Contractor or the Contractor's representative shall be the sole point of contact regarding all contractual matters.

The Contractor shall secure, at its own expense, all personnel required to perform the services under the contract. The personnel the Contractor uses to fulfill the contract shall have no contractual or other legal relationship with the State; they shall not be considered employees of the State and shall not be entitled to any compensation, rights or benefits from the State, including but not limited to, tenure rights, medical and hospital care, sick and vacation leave, severance pay, or retirement benefits.

By-name personnel commitments made in the Contractor's proposal shall not be changed without the prior written approval of the State. Replacement of these personnel, if approved by the State, shall be with personnel of equal or greater ability and qualifications.

All personnel assigned by the Contractor to the contract shall be employees of the Contractor or a subcontractor, and shall be fully qualified to perform the work required herein. Personnel employed by the Contractor or a subcontractor to fulfill the terms of the contract shall remain under the sole direction and control of the Contractor or the subcontractor respectively.

With respect to its employees, the Contractor agrees to be solely responsible for the following:

1. Any and all pay, benefits, and employment taxes and/or other payroll withholding;
2. Any and all vehicles used by the Contractor's employees, including all insurance required by state law;
3. Damages incurred by Contractor's employees within the scope of their duties under the contract;
4. Maintaining Workers' Compensation and health insurance that complies with state and federal law and submitting any reports on such insurance to the extent required by governing law; and
5. Determining the hours to be worked and the duties to be performed by the Contractor's employees.
6. All claims on behalf of any person arising out of employment or alleged employment (including without limit claims of discrimination alleged against the Contractor, its officers, agents, or subcontractors or subcontractor's employees)

If the Contractor intends to utilize any subcontractor, the subcontractor's level of effort, tasks, and time allocation should be clearly defined in the bidder's proposal. The Contractor shall agree that it will not utilize any subcontractors not specifically included in its proposal in the performance of the contract without the prior written authorization of the State.

The State reserves the right to require the Contractor to reassign or remove from the project any Contractor or subcontractor employee.

Contractor shall insure that the terms and conditions contained in any contract with a subcontractor does not conflict with the terms and conditions of this contract.

The Contractor shall include a similar provision, for the protection of the State, in the contract with any subcontractor engaged to perform work on this contract.

West Response: Accept

B. EMPLOYEE WORK ELIGIBILITY STATUS

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The Contractor is required and hereby agrees to use a federal immigration verification system to determine the work eligibility status of employees physically performing services within the State of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program authorized by the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324a, known as the E-Verify Program, or an equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of an employee.

If the Contractor is an individual or sole proprietorship, the following applies:

1. The Contractor must complete the United States Citizenship Attestation Form, available on the Department of Administrative Services website at <http://das.nebraska.gov/materiel/purchasing.html>
The completed United States Attestation Form should be submitted with the RFP response.
2. If the Contractor indicates on such attestation form that he or she is a qualified alien, the Contractor agrees to provide the US Citizenship and Immigration Services documentation required to verify the Contractor's lawful presence in the United States using the Systematic Alien Verification for Entitlements (SAVE) Program.
3. The Contractor understands and agrees that lawful presence in the United States is required and the Contractor may be disqualified or the contract terminated if such lawful presence cannot be verified as required by Neb. Rev. Stat. §4-108.

West Response: Accept

C. COMPLIANCE WITH CIVIL RIGHTS LAWS AND EQUAL OPPORTUNITY EMPLOYMENT / NONDISCRIMINATION (Statutory)

The Contractor shall comply with all applicable local, state, and federal statutes and regulations regarding civil rights laws and equal opportunity employment. The Nebraska Fair Employment Practice Act prohibits Contractors of the State of Nebraska, and their subcontractors, from discriminating against any employee or applicant for employment, with respect to hire, tenure, terms, conditions, compensation, or privileges of employment because of race, color, religion, sex, disability, marital status, or national origin (Neb. Rev. Stat. §48-1101 to 48-1125). The Contractor guarantees compliance with the Nebraska Fair Employment Practice Act, and breach of this provision shall be regarded as a material breach of contract. The Contractor shall insert a similar provision in all subcontracts for services to be covered by any contract resulting from this RFP.

West Response: Understand and Comply

D. COOPERATION WITH OTHER CONTRACTORS

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

Contractor may be required to work with or in close proximity to other contractors or individuals that may be working on same or different projects. The Contractor shall agree to cooperate with such other contractors or individuals, and shall not commit or permit any act which may interfere with the performance of work by any other contractor or individual. Contractor is not required to compromise Contractor's intellectual property or proprietary information unless expressly required to do so by this contract.

West Response: Accept

E. PERMITS, REGULATIONS, LAWS

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The contract price shall include the cost of all royalties, licenses, permits, and approvals, whether arising from patents, trademarks, copyrights or otherwise, that are in any way involved in the contract. The Contractor shall obtain and pay for all royalties, licenses, and permits, and approvals necessary for the execution of the contract. The Contractor must guarantee that it has the full legal right to the materials, supplies, equipment, software, and other items used to execute this contract.

West Response: Accept

F. OWNERSHIP OF INFORMATION AND DATA / DELIVERABLES

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The State shall have the unlimited right to publish, duplicate, use, and disclose all information and data developed or obtained by the Contractor on behalf of the State pursuant to this contract.

The State shall own and hold exclusive title to any deliverable developed as a result of this contract. Contractor shall have no ownership interest or title, and shall not patent, license, or copyright, duplicate, transfer, sell, or exchange, the design, specifications, concept, or deliverable.

West Response: Accept

G. INSURANCE REQUIREMENTS

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|---|
| TR | | | Included in its response is a copy of West's standard terms and conditions. While we have accepted all of the initialed terms of the RFP, West also requests completing a single negotiated agreement that incorporates Nebraska's standard terms and any non-conflicting terms from West's terms and conditions. |

The Contractor shall throughout the term of the contract maintain insurance as specified herein and provide the State a current Certificate of Insurance/Acord Form (COI) verifying the coverage. The Contractor shall not commence work on the contract until the insurance is in place. If Contractor subcontracts any portion of the Contract the Contractor must, throughout the term of the contract, either:

1. Provide equivalent insurance for each subcontractor and provide a COI verifying the coverage for the subcontractor;
2. Require each subcontractor to have equivalent insurance and provide written notice to the State that the Contractor has verified that each subcontractor has the required coverage; or,
3. Provide the State with copies of each subcontractor's Certificate of Insurance evidencing the required coverage.

The Contractor shall not allow any subcontractor to commence work until the subcontractor has equivalent insurance. The failure of the State to require a COI, or the failure of the Contractor to provide a COI or require subcontractor insurance shall not limit, relieve, or decrease the liability of the Contractor hereunder.

In the event that any policy written on a claims-made basis terminates or is canceled during the term of the contract or within (two (2) years of termination or expiration of the contract, the Contractor shall obtain an extended discovery or reporting period, or a new insurance policy, providing coverage required by this contract for the term of the contract and two (2) years following termination or expiration of the contract.

If by the terms of any insurance a mandatory deductible is required, or if the Contractor elects to increase the mandatory deductible amount, the Contractor shall be responsible for payment of the amount of the deductible in the event of a paid claim.

Notwithstanding any other clause in this contract, the State may recover up to the liability limits of the insurance policies required herein.

4. WORKERS' COMPENSATION INSURANCE

The Contractor shall take out and maintain during the life of this contract the statutory Workers' Compensation and Employer's Liability Insurance for all of the contactors' employees to be engaged in work on the project under this contract and, in case any such work is sublet, the Contractor shall require the subcontractor similarly to provide Worker's Compensation and Employer's Liability Insurance for all of the subcontractor's employees to be engaged in such work. This policy shall be written to meet the statutory requirements for the state in which the work is to be performed, including Occupational Disease. **The policy shall include a waiver of subrogation in favor of the State. The COI shall contain the mandatory COI subrogation waiver language found hereinafter.** The amounts of such insurance shall not be less than the limits stated hereinafter. For employees working in the State of Nebraska, the policy must be written by an entity authorized by the State of Nebraska Department of Insurance to write Workers' Compensation and Employer's Liability Insurance for Nebraska employees.

5. COMMERCIAL GENERAL LIABILITY INSURANCE AND COMMERCIAL AUTOMOBILE LIABILITY INSURANCE

The Contractor shall take out and maintain during the life of this contract such Commercial General Liability Insurance and Commercial Automobile Liability Insurance as shall protect Contractor and any subcontractor performing work covered by this contract from claims for damages for bodily injury, including death, as well as from claims for property damage, which may arise from operations under this contract, whether such operation be by the Contractor or by any subcontractor or by anyone directly or indirectly employed by either of them, and the amounts of such insurance shall not be less than limits stated hereinafter.

The Commercial General Liability Insurance shall be written on an **occurrence basis**, and provide Premises/Operations, Products/Completed Operations, Independent Contractors, Personal Injury, and Contractual Liability coverage. **The policy shall include the State, and others as required by the contract documents, as Additional Insured(s). This policy shall be primary, and any insurance or self-insurance carried by the State shall be considered secondary and non-contributory. The COI shall contain the mandatory COI liability waiver language found hereinafter.** The Commercial Automobile Liability Insurance shall be written to cover all Owned, Non-owned, and Hired vehicles.

| REQUIRED INSURANCE COVERAGE | |
|--|-----------------------------------|
| COMMERCIAL GENERAL LIABILITY | |
| General Aggregate | \$2,000,000 |
| Products/Completed Operations Aggregate | \$2,000,000 |
| Personal/Advertising Injury | \$1,000,000 per occurrence |
| Bodily Injury/Property Damage | \$1,000,000 per occurrence |
| Medical Payments | \$10,000 any one person |
| Damage to Rented Premises (Fire) | \$300,000 each occurrence |
| Contractual | Included |
| Independent Contractors | Included |
| <i>If higher limits are required, the Umbrella/Excess Liability limits are allowed to satisfy the higher limit.</i> | |
| WORKER'S COMPENSATION | |
| Employers Liability Limits | \$500K/\$500K/\$500K |
| Statutory Limits- All States | Statutory - State of Nebraska |
| Voluntary Compensation | Statutory |
| COMMERCIAL AUTOMOBILE LIABILITY | |
| Bodily Injury/Property Damage | \$1,000,000 combined single limit |
| Include All Owned, Hired & Non-Owned Automobile liability | Included |
| Motor Carrier Act Endorsement | Where Applicable |
| UMBRELLA/EXCESS LIABILITY | |
| Over Primary Insurance | \$5,000,000 per occurrence |
| PROFESSIONAL LIABILITY | |
| All Other Professional Liability (Errors & Omissions) | \$1,000,000 Per Claim / Aggregate |
| COMMERCIAL CRIME | |
| Crime/Employee Dishonesty Including 3rd Party Fidelity | \$1,000,000 |
| CYBER LIABILITY | |
| Breach of Privacy, Security Breach, Denial of Service, Remediation, Fines and Penalties | \$10,000,000 |
| MANDATORY COI SUBROGATION WAIVER LANGUAGE | |
| "Workers' Compensation policy shall include a waiver of subrogation in favor of the State of Nebraska." | |
| MANDATORY COI LIABILITY WAIVER LANGUAGE | |
| "Commercial General Liability & Commercial Automobile Liability policies shall name the State of Nebraska as an Additional Insured and the policies shall be primary and any insurance or self-insurance carried by the State shall be considered secondary and non-contributory as additionally insured." | |

If the mandatory COI subrogation waiver language or mandatory COI liability waiver language on the COI states that the waiver is subject to, condition upon, or otherwise limit by the insurance policy, a

copy of the relevant sections of the policy must be submitted with the COI so the State can review the limitations imposed by the insurance policy.

6. EVIDENCE OF COVERAGE

The Contractor shall furnish the Contract Manager, with a certificate of insurance coverage complying with the above requirements prior to beginning work at:

911 Director
Nebraska Public Service Commission
300 The Atrium, 1200 N Street
P.O. Box 94927
Lincoln, NE 68509

These certificates or the cover sheet shall reference the RFP number, and the certificates shall include the name of the company, policy numbers, effective dates, dates of expiration, and amounts and types of coverage afforded. If the State is damaged by the failure of the Contractor to maintain such insurance, then the Contractor shall be responsible for all reasonable costs properly attributable thereto.

Reasonable notice of cancellation of any required insurance policy must be submitted to the contract manager as listed above when issued and a new coverage binder shall be submitted immediately to ensure no break in coverage.

West Response: Comply with Clarification

While we have accepted all of the initialed terms of the RFP and comply with almost all of the coverage requirements, West clarifies its liability coverages for Medical Payments and Cyber Liability coverage as follows:

- Under Commercial General Liability, West's insurance liability coverage for Medical Payments is \$5,000 per any one person, not \$10,000
- West's insurance policy is a combined Professional Liability / Cyber Liability form, but we meet the \$10,000,000 coverage requirement

West requests completing a single negotiated agreement that incorporates Nebraska's standard terms and any non-conflicting terms from West's terms and conditions.

7. DEVIATIONS

The insurance requirements are subject to limited negotiation. Negotiation typically includes, but is not necessarily limited to, the correct type of coverage, necessity for Workers' Compensation, and the type of automobile coverage carried by the Contractor.

West Response: Understood

Included in its response is a copy of West's standard terms and conditions. While we have accepted all of the initialed terms of the RFP, West also requests completing a single negotiated agreement that incorporates Nebraska's standard terms and any non-conflicting terms from West's terms and conditions.

H. ANTITRUST

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The Contractor hereby assigns to the State any and all claims for overcharges as to goods and/or services provided in connection with this contract resulting from antitrust violations which arise under antitrust laws of the United States and the antitrust laws of the State.

West Response: Accept

I. CONFLICT OF INTEREST

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

By submitting a proposal, bidder certifies that there does not now exist a relationship between the bidder and any person or entity which is or gives the appearance of a conflict of interest related to this RFP or project.

The bidder certifies that it shall not take any action or acquire any interest, either directly or indirectly, which will conflict in any manner or degree with the performance of its services hereunder or which creates an actual or an appearance of conflict of interest.

The bidder certifies that it will not knowingly employ any individual known by bidder to have a conflict of interest.

The Parties shall not knowingly, for a period of two years after execution of the contract, recruit or employ any employee or agent of the other Party who has worked on the RFP or project, or who had any influence on decisions affecting the RFP or project.

West Response: Accept

J. STATE PROPERTY

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The Contractor shall be responsible for the proper care and custody of any State-owned property which is furnished for the Contractor's use during the performance of the contract. The Contractor shall reimburse the State for any loss or damage of such property; normal wear and tear is expected.

West Response: Accept

K. SITE RULES AND REGULATIONS

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The Contractor shall use its best efforts to ensure that its employees, agents, and subcontractors comply with site rules and regulations while on State premises. If the Contractor must perform on-site work outside of the daily operational hours set forth by the State, it must make arrangements with the State to ensure access to the facility and the equipment has been arranged. No additional payment will be made by the State on the basis of lack of access, unless the State fails to provide access as agreed to in writing between the State and the Contractor.

West Response: Accept

L. ADVERTISING

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The Contractor agrees not to refer to the contract award in advertising in such a manner as to state or imply that the company or its services are endorsed or preferred by the State. Any publicity releases pertaining to the project shall not be issued without prior written approval from the State.

West Response: Accept

M. NEBRASKA TECHNOLOGY ACCESS STANDARDS (Statutory)

Contractor shall review the Nebraska Technology Access Standards, found at <http://nitc.nebraska.gov/standards/2-201.html> and ensure that products and/or services provided under the contract are in compliance or will comply with the applicable standards to the greatest degree possible. In the event such standards change during the Contractor's performance, the State may create an amendment to the contract to request the contract comply with the changed standard at a cost mutually acceptable to the parties.

West Response: Comply

N. DISASTER RECOVERY/BACK UP PLAN

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The Contractor shall have a disaster recovery and back-up plan, of which a copy should be provided upon request to the State, which includes, but is not limited to equipment, personnel, facilities, and transportation, in order to continue services as specified under the specifications in the contract in the event of a disaster.

West Response: Accept

O. DRUG POLICY

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

Contractor certifies it maintains a drug free work place environment to ensure worker safety and workplace integrity. Contractor agrees to provide a copy of its drug free workplace policy at any time upon request by the State.

West Response: Accept

IV. PAYMENT

A. PROHIBITION AGAINST ADVANCE PAYMENT (Statutory)

Payments shall not be made until contractual deliverable(s) are received and accepted by the State.

West Response: Understood

Included in its response is a copy of West's standard terms and conditions. While we have accepted all of the initialed terms of the RFP, West also requests completing a single negotiated agreement that incorporates Nebraska's standard terms and any non-conflicting terms from West's terms and conditions.

B. TAXES (Statutory)

The State is not required to pay taxes and assumes no such liability as a result of this solicitation. Any property tax payable on the Contractor's equipment which may be installed in a state-owned facility is the responsibility of the Contractor.

West Response: Understood

Included in its response is a copy of West's standard terms and conditions. While we have accepted all of the initialed terms of the RFP, West also requests completing a single negotiated agreement that incorporates Nebraska's standard terms and any non-conflicting terms from West's terms and conditions.

C. INVOICES

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

Invoices for payments must be submitted by the Contractor to the Commission with sufficient detail to support payment at the following address: Nebraska Public Service Commission, Attention: Business Manager, P.O. Box 94927, Lincoln, NE 68509. The terms and conditions included in the Contractor's invoice shall be deemed to be solely for the convenience of the parties. No terms or conditions of any such invoice shall be binding upon the State, and no action by the State, including without limitation the payment of any such invoice in whole or in part, shall be construed as binding or estopping the State with respect to any such term or condition, unless the invoice term or condition has been previously agreed to by the State as an amendment to the contract.

West Response: Accept

D. INSPECTION AND APPROVAL

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

Final inspection and approval of all work required under the contract shall be performed by the designated State officials.

West Response: Accept

E. PAYMENT

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

State will render payment to Contractor when the terms and conditions of the contract and specifications have been satisfactorily completed on the part of the Contractor as solely determined by the State. (Neb. Rev. Stat. Section 73-506(1)) Payment will be made by the responsible agency in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. §81-2401 through 81-2408). The State may require the Contractor to accept payment by electronic means such as ACH deposit. In no event shall the State be responsible or

liable to pay for any services provided by the Contractor prior to the Effective Date of the contract, and the Contractor hereby waives any claim or cause of action for any such services.

West Response: Accept

F. LATE PAYMENT (Statutory)

The Contractor may charge the responsible agency interest for late payment in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. §81-2401 through 81-2408).

West Response: Understood

G. SUBJECT TO FUNDING / FUNDING OUT CLAUSE FOR LOSS OF APPROPRIATIONS

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The State's obligation to pay amounts due on the Contract for a fiscal years following the current fiscal year is contingent upon legislative appropriation of funds. Should said funds not be appropriated, the State may terminate the contract with respect to those payments for the fiscal year(s) for which such funds are not appropriated. The State will give the Contractor written notice thirty (30) calendar days prior to the effective date of termination. All obligations of the State to make payments after the termination date will cease. The Contractor shall be entitled to receive just and equitable compensation for any authorized work which has been satisfactorily completed as of the termination date. In no event shall the Contractor be paid for a loss of anticipated profit.

West Response: Accept

H. RIGHT TO AUDIT (First Paragraph is Statutory)

| Accept (Initial) | Reject (Initial) | Reject & Provide Alternative within RFP Response (Initial) | NOTES/COMMENTS: |
|------------------|------------------|--|-----------------|
| TR | | | |

The State shall have the right to audit the Contractor's performance of this contract upon a 30 days' written notice. Contractor shall utilize generally accepted accounting principles, and shall maintain the accounting records, and other records and information relevant to the contract (Information) to enable the State to audit the contract. The State may audit and the Contractor shall maintain, the Information during the term of the

contract and for a period of five (5) years after the completion of this contract or until all issues or litigation are resolved, whichever is later. The Contractor shall make the Information available to the State at Contractor's place of business or a location acceptable to both Parties during normal business hours. If this is not practical or the Contractor so elects, the Contractor may provide electronic or paper copies of the Information. The State reserves the right to examine, make copies of, and take notes on any Information relevant to this contract, regardless of the form or the Information, how it is stored, or who possesses the Information. Under no circumstance will the Contractor be required to create or maintain documents not kept in the ordinary course of Contractor's business operations, nor will Contractor be required to disclose any information, including but not limited to product cost data, which is confidential or proprietary to Contractor.

The Parties shall pay their own costs of the audit unless the audit finds a previously undisclosed overpayment by the State. If a previously undisclosed overpayment exceeds one percent (.1%) of the total contract billings, or if fraud, material misrepresentations, or non-performance is discovered on the part of the Contractor, the Contractor shall reimburse the State for the total costs of the audit. Overpayments and audit costs owed to the State shall be paid within ninety days of written notice of the claim. The Contractor agrees to correct any material weaknesses or condition found as a result of the audit.

West Response: Accept

V. PROJECT DESCRIPTION AND SCOPE OF WORK

The bidder should provide the following information in response to this RFP

A. PROJECT OVERVIEW

The Commission is seeking a Contractor to provide Quality Assurance/Quality Control (QA/QC) services with respect to Geographic Information Systems (GIS) datasets in order to verify that GIS data used by Public Safety Answering Points (PSAPs) in Nebraska complies with the National Emergency Number Association (NENA) NG9-1-1 data model.

As more fully described below, the Contractor's role will be to analyze GIS data uploaded by local agencies in order to confirm compliance with Nebraska Information Technology Council (NITC) and NENA standards for use in NG9-1-1 applications.

West Response: Understand and Comply

B. PROJECT ENVIRONMENT

The Commission is the statewide implementation and coordinating authority for 911 service in the State of Nebraska, with the statutory responsibility to plan, implement, coordinate, manage, maintain, and provide funding assistance for a cost-efficient 911 service system pursuant to the Nebraska 911 Service System Act. Local governing bodies are responsible for the dispatch and provision of emergency services within their respective jurisdictions. However, the Commission provides funding and other assistance to PSAPs across the state.

Some Nebraska PSAPs serve a single city or county, while others serve multiple counties or parts of counties. Some PSAPs are governed by local boards, while others are operated by local law enforcement. Some PSAPs operate independently, while others are organized into cooperative regions to share resources and provide mutual back-up. Currently, the local governing bodies that operate the PSAPs throughout the State are responsible to maintain GIS data for each PSAP at the local level. Although a few Nebraska PSAPs use in-house personnel to maintain GIS data, most PSAPs contract for 911-related GIS services from approved "vendors of choice" selected through an earlier RFP process. Nebraska PSAPs are responsible for uploading copies of their most recent GIS datasets on a monthly basis to an online GIS repository maintained by the Commission. Presently, there is no single authoritative statewide 9-1-1 GIS dataset.

To prepare for next generation 911, the Commission is undertaking a quality assurance/quality control project to confirm that the GIS data used by Nebraska PSAPs comply with NITC and NENA standards and is appropriate to support the spatial routing of 911 calls in the NG9-1-1 environment.

West Response: Understood

C. PROJECT REQUIREMENTS

The Contractor will be required to maintain a secure web portal through which Nebraska PSAPs or their representatives will upload GIS data to be analyzed by the Contractor. Access to the portal must be limited to authorized users via login and password or other similar secure authentication. The portal must require each person authorized to upload GIS datasets to identify the applicable jurisdiction, geographic area and type of dataset before a file will be accepted for uploading.

The portal must be capable of accepting GIS data in any ESRI format. The portal should automatically reject GIS datasets that are incomplete or defective and immediately notify the local agency if an attempted upload was unsuccessful. The portal should return, prior to QA/QC review, GIS datasets having any of the following characteristics, and provide notice to the uploading party to correct any such errors:

1. No data in the file
2. Incompatible dataset due to improper or missing field names
3. Lack of defining information, e.g., county name, dataset
4. Improper file format
5. MSAG not included with Street Centerline file
6. Missing or improperly formatted FDGC metadata
7. Incorrect data naming convention

Datasets that do not have any of the above-referenced errors should automatically be accepted for QA/QC review by the Contractor's secure portal.

West Response: Understand and Comply**D. SCOPE OF WORK**

The Contractor will analyze each GIS dataset uploaded to the portal to identify any errors and discrepancies based on NITC and NENA standards. After review, the Contractor will return datasets that are shown to have errors and/or discrepancies to the uploading agency, along with a discrepancy report listing the items that need to be corrected in order to achieve compliance with the standards. Each such discrepancy report must be accompanied by a shapefile of areas where the topology is incorrect. The local PSAP or its representatives will be responsible to correct all the items listed in the discrepancy report. After correction, the local PSAP or its representative will be expected to resubmit the revised GIS dataset via the Contractor's dedicated portal for further QA/QC review.

GIS data that is confirmed by the Contractor to meet all required standards will be accepted for provisioning to the NG9-1-1 environment and uploaded by the Contractor to the Commission's GIS repository. The Contractor will also notify the Commission's GIS Specialist and the PSAP responsible for uploading the file that the dataset meets all required standards and is ready for use.

West Response: Understand and Comply

West's responses, describing how West will meet these requirements, are provided in the Technical Response section of this proposal and in the Bidder Response section above.

E. TECHNICAL REQUIREMENTS

The specific NITC and NENA standards that apply to this project are the following:

1. NITC Standards & Guidelines
 - a. 3-201. Geospatial Metadata Standard
 - b. 3-202. Land Record Information and Mapping Standard
 - c. 3-205. Street Centerline Standard
 - d. 3-206. Address Standard
2. NENA Standards
 - a. NENA 02-014
 - b. NENA 71-501
 - c. NENA REQ-002.1-2016
 - d. NENA STA-005.1.1-2017
 - e. NENA STA-006 NG9-1-1 Data Model

In the event of any conflict between NITC standards and NENA standards, NITC standards shall control.

3. The GIS datasets to be reviewed by Contractor after being uploaded by to the secure portal will consist of the following GIS layers:
 - a. Street Centerlines (with accompanying MSAG);
 - b. Street/Structure address points (with accompanying ALI);
 - c. PSAP boundaries;
 - d. Emergency service zones (police, fire, EMS); and,
 - e. Political boundaries (used to define the provisioning of GIS data).
4. The Contractor shall review Street Centerline Layer data to identify, at a minimum, the following items:
 - a. Comparison of MSAG vs. Street Centerline segments to minimum 98% match;
 - b. Comparison of ALI to Street Centerline to minimum 98% match with road name;
 - c. Overlapping address ranges between jurisdictions;
 - i. Region free of overlaps: 98% unique ranges;
 - d. Misalignments;
 - i. Overlaps
 - ii. Gaps
 - iii. Overhangs
 - iv. Duplicate features
 - v. Incorrectly named road segments
 - e. Road segments running the wrong direction;
 - f. Road segments not broken at intersections and/or ESZ boundaries;
 - g. Road name consistency;
 - h. Misaligned road segments at county and jurisdictional boundaries;
 - i. Required metadata; and,
 - j. General compliance with applicable NITC and NENA standards.
5. The Contractor shall review jurisdictional boundary Polygon Layers to identify, at a minimum, the following items:
 - a. Redundancy, misalignment and others errors in topology;
 - i. Overlaps
 - ii. Gaps
 - b. Duplication of features between PSAPs;
 - i. ESZ numbers match
 - ii. ESZ numbers do not match
 - c. County boundaries alignment to neighboring counties;

- d. Correct boundaries (police, fire, EMS) included in the ESZ boundary;
 - e. Fields within each layer conform to NITC and NENA standards for names, content, and format;
 - f. Required metadata; and,
 - g. General compliance with applicable NITC and NENA standards.
6. The Contractor shall review Address Point Layers to identify, at a minimum, the following items:
- a. Placement of Address Points on Street Centerline address ranges;
 - b. Comparison of ALI to Address Points to minimum 98 percent match to full address;
 - c. Discrepancies between the telephone number (TN) list and site/structure address point layer;
 - d. Multi-address structure address formats;
 - e. Fields within each layer conform to NITC and NENA standards for names, content, and format;
 - f. Required metadata; and,
 - g. General compliance with applicable NITC and NENA standards.

In addition to the foregoing, the Contractor will also review each uploaded dataset to determine compatibility with GIS data provided by adjoining counties. Adjoining county data will be reviewed to identify any overlaps and gaps, Street Centerline alignments, stacked roads and inconsistent road names. Resolution of inconsistencies in adjoining counties' datasets will be the responsibility of the counties involved.

Please describe how your company will meet all of the above requirements.

Bidder Response:

West Response:

The technical requirements, including the GIS data QA/QC validations listed above, will be provided by the EGDMS validation engine as described in the Technical Approach section of the Technical Proposal.

Where the standards described above extend beyond existing EGDMS QA/QC validations, West will work with the Commission on the criteria to add the additional functionality to the EGDMS QA/QC validations.

Discrepancies that exist between counties are handled by spatial validations that confirm that all data provided by a data source falls within its respective authoritative/provisioning boundary.

Any issues that are found during the initial assessment of GIS data will be communicated to all parties involved with the overlap/discrepancy.

It is the responsibility of the local agencies and GIS maintenance vendors to make certain the GIS data meets spatial accuracy standards.

West Response: Understand and Comply

West's responses, describing how West will meet these requirements, are provided in the Technical Response section of this proposal and in the Bidder Response section above.

F. **CONTRACTOR REQUIREMENTS**

1. **QA / QC PROJECT METHODOLOGY**

Contractor shall deliver a QA/QC Project Plan proposing Contractor's methodology for accomplishing the Project and satisfying all requirements in this RFP.

Bidder Response

West Response:

West has provided a QA/QC project plan, which is described in the Technical Proposal within Technical Approach, section D. Contractor Requirements.

Additionally, the following optional GIS products and services can be purchased and deployed by local GIS data authorities to achieve the goals set forth by the State of Nebraska and speed up the GIS data preparedness processes, focused especially on synchronizing GIS with 911 databases and provisioning high-quality, accurate GIS data into the EGDMS portal.

geoMSAG Replacement Service:

An important consideration during NG9-1-1 adoption is how to meet NENA i3 requirements while simultaneously leveraging legacy location validation mechanisms. NENA has suggested creating a means to keep the MSAG and ALI in synchronization with a 9-1-1 Authority's authoritative GIS data. The process of initial and ongoing synchronization of the GIS data and the MSAG can be very time consuming and prone to inconsistencies.

The geoMSAG Replacement service is an alternative approach to working to synchronize the GIS and 911 datasets to meet a 98% match rate goal. The geoMSAG replacement service enables the 9-1-1 Authority or their GIS authoritative source to derive a tabular MSAG from the GIS road centerline layer and replace the existing tabular MSAG. This enables the 98% match rate goal for the State of Nebraska to be achieved much more quickly and the ongoing maintenance much easier. This approach offloads a considerable amount of the work for 9-1-1 Authorities that are currently below the 98% match rate objective.

One-Time geoMSAG replacement service provides 911 authorities with the following service:

- Validations of the road centerline layer with geoMSAG specific error reporting
- GIS Road Centerline (RCL)-to-ALI Data Match Rate Reports (up to 2)
- Creation of a GIS-based MSAG load file from the 9-1-1 Authority's GIS road centerline data ("geoMSAG") once 98% Road centerline-to-ALI data match rate had been reached
- Replacement of the tabular MSAG with a GIS-derived MSAG (geoMSAG)

Solution pricing for the geoMSAG replacement service is based on factors which may vary based on the population of the area to be serviced, and whether services are being purchased by a single agency/PSAP, multiple agencies/PSAPs, or collectively by the State. West would be pleased to discuss this further with the State, and with

agencies and/or PSAPs which may wish to contract with West for additional services, following award.

MapSAG® GIS Data Management System

MapSAG is a GIS data management application utilized by hundreds of agencies throughout the U.S, including Dawson County Nebraska, to create and maintain accurate 9-1-1 and NG9-1-1 GIS data and to synchronize the GIS database with the 9-1-1 database.

MapSAG takes a “checks and balances” approach to delivering consistency and accuracy across databases used for addressing and NG9-1-1. MapSAG is installed locally, at the end-user location, and operates through a simple interface within Esri’s ArcGIS Desktop system. Various toolbars are available for accessing the available tools and features. The functionality that resides in the ArcGIS Desktop framework remains available while using MapSAG, including editing, drawing, layouts and/or spatial queries. An example of the integration of MapSAG and ArcGIS Desktop is that users can perform a spatial or attribute query and use the resulting records for analysis by the MapSAG tools.

MapSAG is integrated with West’s 9-1-1 Enterprise Geospatial Data Management System (EGDMS) which allows the local agency GIS data editors the ability to directly upload GIS changes into the EGDMS, receive upload status notifications along with the ability to quickly see and resolve EGDMS-generated errors using MapSAG. This process greatly enhances the workflow for keeping GIS data used in a NG9-1-1 environment to be as current and accurate as possible.

Using MapSAG, ArcGIS Desktop and a combination of both, new GIS data records (streets, structures, polygons, etc.) can be input into the GIS in a number of ways, including field GPS, on-screen digitizing, import, and auto-generation. The MapSAG software operates in the latest version of ArcGIS for Desktop (currently 10.6) and will utilize a File Geodatabase or an Enterprise Geodatabase through ArcGIS Server (“ArcSDE”).

MapSAG software requires a licensed copy of Esri’s ArcGIS for Desktop, to be provided by the end-user or can be purchased from West.

Solution pricing for the MapSAG GIS Data Management System varies based on the type and number of user licenses to be purchased, the functions and features required by each agency, and the type of user training to be conducted (on-site or remote). West would be pleased to discuss this further with the State, and with any agencies or PSAPs which may wish to contract with West to provide MapSAG, following award.

West Response: Understand and Comply

West’s responses, describing how West will meet these requirements, are provided in the Technical Response section of this proposal and in the Bidder Response section above.

3. CONTRACTOR REPORTS TO PSAPs

Upon completion of its review of any GIS dataset uploaded by a PSAP or its representative, the Contractor will create and deliver a report in electronic format to both the PSAP responsible for uploading the file and the Commission's GIS Specialist.

Please submit a copy of your proposed form of the report with your response.

West Response: Understand and Comply

West's response to the State includes a sample EGDMS Data Upload Report in the Attachments section of this proposal. The EGDMS Data Upload Report includes information regarding the data upload (the Upload Summary) as well as GIS data error and discrepancy reporting (Error Reports) and other metrics within a single document which will be provided to the Commission and to the submitting PSAP.

4. DISCREPANCY REPORT

In the case of an uploaded GIS dataset that contains errors or discrepancies, the Contractor's report shall be a Discrepancy Report in tabular format, organized by unique object identifiers, listing all errors, discrepancies and other items of note that require correction in order to achieve compliance with applicable NITC and NENA standards. Each Discrepancy Report shall also be accompanied by a shapefile of any areas where the topology in the related dataset is incorrect. In addition, the Discrepancy Report for each dataset that includes a Street Centerline layer shall state the match rate percentage between the Street Centerline layer and the MSAG.

Please submit a copy of your proposed form of the report with your response.

West Response: Understand and Comply

West's response to the State includes a sample EGDMS Data Upload Report in the Attachments section of this proposal. The EGDMS Data Upload Report includes information regarding the data upload (the Upload Summary) as well as GIS data error and discrepancy reporting (Error Reports) and other metrics within a single document which will be provided to the Commission and to the submitting PSAP.

This report will be configured to include the MSAG match rates and NITC standards, as required by the State and defined in the RFP.

Reporting provided to the State of Nebraska and the submitting PSAP will be accompanied by the shapefile of any area for which the topology in the related dataset is incorrect.

5. COMPLIANCE REPORT

In the case of an uploaded GIS dataset that is determined by the Contractor to be in compliance with all applicable NITC and NENA standards, the Contractor shall deliver to the related PSAP a report stating that the dataset is ready for use and has been accepted for inclusion in the Commission's GIS Repository, along with any additional information the Contractor deems appropriate. In addition, the Compliance Report for each accepted dataset that includes a Street Centerline layer shall state the match rate percentage between (i) the Street Centerline layer and the MSAG and (ii) the Address Points layer and the ALI.

Please submit a copy of your proposed form of the report with your response.

West Response: Understand and Comply

The EGDMS Data Upload Report will serve as the Compliance Report in the event no errors are found within the data and no errors are reported within the EGDMS Data Upload Report.

West's response to the State includes a sample EGDMS Data Upload Report in the Attachments section of this proposal.

6. CONTRACTOR REPORTS TO COMMISSION

The Contractor shall provide the Commission with a copy of each Discrepancy Report, Compliance Report, and a monthly summary of other communications the Contractor delivers to any PSAP. In addition, The Contractor will be required to deliver periodic reports to the Commission's GIS Specialist on a monthly basis, listing by jurisdiction each GIS dataset reviewed by the Contractor in the prior period, including the results of each review. Each periodic report shall also include a list of all GIS datasets currently undergoing QA/QC review, organized by PSAP. In addition, each periodic report shall also include the completion date of the most recent QA/QC review conducted for each PSAP in Nebraska, along with a list of each PSAP, if any, for which no GIS dataset was submitted to the Contractor for review. The Commission must also be notified in the event any PSAP fails to make necessary changes within thirty (30) days to a GIS dataset that has been rejected for uploading or has been the subject of a Discrepancy Report.

Please submit a copy of your report with your response.

West Response: Understand and Comply

The Commission will be provided a copy of the EGDMS Data Upload Report, which will include Upload Summary and Error Reports. A copy of the proposed report is included in the Attachments section.

Some of the periodic reports details listed above will be customized and built specifically for the Commission and therefore are not available in sample report format included within this proposal.

Additionally, much of the requested information can be viewed on demand via the EGDMS Web portal upload history tables, described in Figure 2 in the Technical Proposal and included below in Figure 13.

| | Start Date | Current State | GIS File Name | Upload ID | Last State Update | Reports |
|---------------------------|----------------------|---------------------|-----------------------|---------------------------|----------------------|--------------------------|
| View/Edit | 07/19/2018 14:01 MDT | QA/QC Completed | _EGDMS7162018.gdb.zip | 20180719T200104.de-egdms1 | 07/19/2018 14:05 MDT | Download |
| View | 07/19/2018 13:47 MDT | Marked for Deletion | 071618.gdb.zip | 20180719T194731.de-egdms1 | 07/19/2018 13:48 MDT | |

Figure 13: EGDMS Upload Portal - Upload History Tables

7. PERIODIC REMINDERS TO UPLOAD GIS DATA

Local agencies will be expected to upload revised GIS datasets to the secure portal for review on at least a monthly basis. The Contractor will be required to send reminder notices via e-mail to each PSAP that has gone 85 or more days without uploading a new or revised dataset for QA/QC review. Each such reminder must include a hyperlink to the Contractor’s secure portal, along with the dates and a general description of the PSAP’s previous uploads to the portal.

West Response: Understand and Comply

West’s responses, describing how West will meet these requirements, are provided in the Technical Response section of this proposal.

8. CUSTOMER SERVICE RESPONSIBILITIES

The Contractor must support various methods by which local agencies and the Commission can raise questions and concerns or access information about the Contractor’s QA/QC process. At a minimum, such methods must include a dedicated customer service telephone number and e-mail address. The Contractor must also maintain a User Guide and Frequently Asked Questions page dedicated to the GIS QA/QC portal on its website.

The Contractor must also provide a designated person for the Commission to contact in the event of system problems or operational questions from Commission staff. In addition, the Contractor must maintain a responsive trouble ticket system designed to direct system issues to the person who can most efficiently obtain a resolution.

- a. **Please describe how you will meet the requirements for customer service.**

Bidder Response:

West Response:

West will provide remote support for all users during normal business hours (8am-5pm Central Time, excluding West holidays).

The EGDMS User Guide is made available to system users through the EGDMS Portal user interface.

Assistance with third-party software or hardware not provided by West. Esri software functionality that is outside the EGDMS functions is not included with EGDMS Software Maintenance and Technical Support.

Additionally, a West Project Manager will be assigned as a single point of contact for the State of Nebraska project for system issues or operational questions surrounding the system.

West Response: Understand and Comply

West's responses, describing how West will meet these requirements, are provided in the Technical Response section of this proposal and in the Bidder Response section above.

- b. Please describe how you will approach and accomplish training local agencies and Commission personnel.

Bidder Response:

West Response:

West analysts will provide support including, but not limited to:

- EGDMS system setup and training
- How to interpret error reporting
- Data provisioning assistance
- Providing advice and recommendations around GIS and/or 9-1-1 database management and coordination between local and regional agencies and telephone service providers, when necessary.

Training will be provided as follows:

West subject matter experts will provide EGDMS user training to PSAPs and other GIS data providers. These sessions will include instruction regarding new user implementation, application navigation, and data validation error definitions.

(continued on the following page)

Training Objectives

This training will provide customers with the knowledge necessary to access and utilize the tools provided for GIS data provisioning, and to understand and correct GIS data validation errors.

Training Schedule

Training is scheduled by the West Project Manager based on timing of data source readiness.

Session #1 will be targeted for two weeks after the initial customer start date.

Session #2 will be targeted for three weeks after training session #1, with initial GIS data submission occurring no later than two weeks after session #1.

Training Delivery Format

West will provide two instructor-led sessions via webinar and conference bridge lines. During these sessions, the instructor will review applicable materials and job aids and will provide applicable tool demonstrations.

Training Course OutlineTraining Session #1

(Typically completed in two hours)

- Instructions and process workflows for how to access and navigate the EGDMS
- How to perform the initial GIS Data upload process via the EGDMS application
- Understand GIS Data readiness and file structure requirements
- Understand the EGDMS application data validations and error types

Training Session #2

Conducted upon initial submission of GIS data to the 9-1-1 EGDMS

(Typically completed in two hours)

- Detailed 9-1-1 EGDMS Data Upload and Validation Report review
- Validation Error definitions and corrective action suggestions
- How to perform ongoing GIS data provisioning using the 9-1-1 EGDMS application

West Response: Understand and Comply

VI. PROPOSAL INSTRUCTIONS

This section documents the requirements that should be met by bidders in preparing the Technical and Cost Proposal. Bidders should identify the subdivisions of "Project Description and Scope of Work" clearly in their proposals; failure to do so may result in disqualification. Failure to respond to a specific requirement may be the basis for elimination from consideration during the State's comparative evaluation.

Proposals are due by the date and time shown in the Schedule of Events. Content requirements for the Technical and Cost Proposal are presented separately in the following subdivisions; format and order:

A. PROPOSAL SUBMISSION

1. REQUEST FOR PROPOSAL FORM

By signing the "RFP for Contractual Services" form, the bidder guarantees compliance with the provisions stated in this RFP, agrees to the Terms and Conditions stated in this RFP unless otherwise agreed to, and certifies bidder maintains a drug free work place environment.

The RFP for Contractual Services form must be signed using an indelible method (not electronically) and returned per the schedule of events in order to be considered for an award.

Sealed proposals must be received in the State Purchasing Bureau by the date and time of the proposal opening per the Schedule of Events. No late proposals will be accepted. No electronic, e-mail, fax, voice, or telephone proposals will be accepted.

It is the responsibility of the bidder to check the website for all information relevant to this solicitation to include addenda and/or amendments issued prior to the opening date. Website address is as follows: <http://das.nebraska.gov/materiel/purchasing.html>

Further, Sections II through VII must be completed and returned with the proposal response.

2. CORPORATE OVERVIEW

The Corporate Overview section of the Technical Proposal should consist of the following subdivisions:

a. BIDDER IDENTIFICATION AND INFORMATION

The bidder should provide the full company or corporate name, address of the company's headquarters, entity organization (corporation, partnership, proprietorship), state in which the bidder is incorporated or otherwise organized to do business, year in which the bidder first organized to do business and whether the name and form of organization has changed since first organized.

b. FINANCIAL STATEMENTS

The bidder should provide financial statements applicable to the firm. If publicly held, the bidder should provide a copy of the corporation's most recent audited financial reports and statements, and the name, address, and telephone number of the fiscally responsible representative of the bidder's financial or banking organization.

If the bidder is not a publicly held corporation, either the reports and statements required of a publicly held corporation, or a description of the organization, including size, longevity, client base, areas of specialization and expertise, and any other pertinent information, should be submitted in such a manner that proposal evaluators may reasonably formulate a determination about the stability and financial strength of the organization. Additionally, a non-publicly held firm should provide a banking reference.

The bidder must disclose any and all judgments, pending or expected litigation, or other real or potential financial reversals, which might materially affect the viability or stability of the organization, or state that no such condition is known to exist.

The State may elect to use a third party to conduct credit checks as part of the corporate overview evaluation.

c. CHANGE OF OWNERSHIP

If any change in ownership or control of the company is anticipated during the twelve (12) months following the proposal due date, the bidder should describe the circumstances of such change and indicate when the change will likely occur. Any change of ownership to an awarded vendor(s) will require notification to the State.

d. OFFICE LOCATION

The bidder's office location responsible for performance pursuant to an award of a contract with the State of Nebraska should be identified.

e. RELATIONSHIPS WITH THE STATE

The bidder should describe any dealings with the State over the previous five (5) years. If the organization, its predecessor, or any Party named in the bidder's proposal response has contracted with the State, the bidder should identify the contract number(s) and/or any other information available to identify such contract(s). If no such contracts exist, so declare.

f. BIDDER'S EMPLOYEE RELATIONS TO STATE

If any Party named in the bidder's proposal response is or was an employee of the State within the past eighteen (18) months, identify the individual(s) by name, State agency with whom employed, job title or position held with the State, and separation date. If no such relationship exists or has existed, so declare.

If any employee of any agency of the State of Nebraska is employed by the bidder or is a subcontractor to the bidder, as of the due date for proposal submission, identify all such persons by name, position held with the bidder, and position held with the State (including job title and agency). Describe the responsibilities of such persons within the proposing organization. If, after review of this information by the State, it is determined that a conflict of interest exists or may exist, the bidder may be disqualified from further consideration in this proposal. If no such relationship exists, so declare.

g. CONTRACT PERFORMANCE

If the bidder or any proposed subcontractor has had a contract terminated for default during the past five (5) years, all such instances must be described as required below. Termination for default is defined as a notice to stop performance delivery due to the bidder's non-performance or poor performance, and the issue was either not litigated due to inaction on the part of the bidder or litigated and such litigation determined the bidder to be in default.

It is mandatory that the bidder submit full details of all termination for default experienced during the past five (5) years, including the other Party's name, address, and telephone number. The response to this section must present the bidder's position on the matter. The State will evaluate the facts and will score the bidder's proposal accordingly. If no such termination for default has been experienced by the bidder in the past five (5) years, so declare.

If at any time during the past five (5) years, the bidder has had a contract terminated for convenience, non-performance, non-allocation of funds, or any other reason, describe fully all circumstances surrounding such termination, including the name and address of the other contracting Party.

h. SUMMARY OF BIDDER'S CORPORATE EXPERIENCE

The bidder should provide a summary matrix listing the bidder's previous projects similar to this RFP in size, scope, and complexity. The State will use no more than three (3) narrative project descriptions submitted by the bidder during its evaluation of the proposal.

The bidder should address the following:

- iii. Provide narrative descriptions to highlight the similarities between the bidder's experience and this RFP. These descriptions should include:
 - a) The time period of the project;
 - b) The scheduled and actual completion dates;
 - c) The Contractor's responsibilities;
 - d) For reference purposes, a customer name (including the name of a contact person, a current telephone number, a facsimile number, and e-mail address); and
 - e) Each project description should identify whether the work was performed as the prime Contractor or as a subcontractor. If a bidder performed as the prime Contractor, the description should provide the originally scheduled completion date and budget, as well as the actual (or currently planned) completion date and actual (or currently planned) budget.
- iv. Contractor and subcontractor(s) experience should be listed separately. Narrative descriptions submitted for subcontractors should be specifically identified as subcontractor projects.
- v. If the work was performed as a subcontractor, the narrative description should identify the same information as requested for the Contractors above. In addition, subcontractors should identify what share of contract costs, project responsibilities, and time period were performed as a subcontractor.

i. SUMMARY OF BIDDER'S PROPOSED PERSONNEL/MANAGEMENT APPROACH

The bidder should present a detailed description of its proposed approach to the management of the project.

The bidder should identify the specific professionals who will work on the State's project if their company is awarded the contract resulting from this RFP. The names and titles of the team proposed for assignment to the State project should be identified in full, with a description of the team leadership, interface and support functions, and reporting relationships. The primary work assigned to each person should also be identified.

The bidder should provide resumes for all personnel proposed by the bidder to work on the project. The State will consider the resumes as a key indicator of the bidder's understanding of the skill mixes required to carry out the requirements of the RFP in addition to assessing the experience of specific individuals.

Resumes should not be longer than three (3) pages. Resumes should include, at a minimum, academic background and degrees, professional certifications, understanding of the process, and at least three (3) references (name, address, and telephone number) who can attest to the competence and skill level of the individual. Any changes in proposed personnel shall only be implemented after written approval from the State.

j. SUBCONTRACTORS

If the bidder intends to subcontract any part of its performance hereunder, the bidder should provide:

- vi. name, address, and telephone number of the subcontractor(s);
- vii. specific tasks for each subcontractor(s);
- viii. percentage of performance hours intended for each subcontract; and
- ix. total percentage of subcontractor(s) performance hours.

3. TECHNICAL APPROACH

The technical approach section of the Technical Proposal should consist of the following subsections:

- a. Understanding of the project requirements;
- b. Proposed development approach;
- c. Technical requirements;

- d. Contractor requirements and
- e. Deliverables.

West Response: Comply

West's proposal to the State of Nebraska Purchasing Bureau, in response to RFP 5882 Z1, follows the RFP requirements as stated in this section and elsewhere in the RFP. West's responses to sections II through VII have been completed in-line, where required, and detailed narrative responses have been provided within the Technical Proposal.

VII. COST PROPOSAL REQUIREMENTS

This section describes the requirements to be addressed by bidders in preparing the State's Cost Proposal template. The bidder must use the State's Cost Proposal template. The bidder should submit the State's Cost Proposal template in accordance with Section I Submission of Proposal.

THE STATE'S COST PROPOSAL TEMPLATE AND ANY OTHER COST DOCUMENT SUBMITTED WITH THE PROPOSAL SHALL NOT BE CONSIDERED CONFIDENTIAL OR PROPRIETARY AND IS CONSIDERED A PUBLIC RECORD IN THE STATE OF NEBRASKA AND WILL BE POSTED TO A PUBLIC WEBSITE.

A. COST PROPOSAL

This summary shall present the total fixed price to perform all of the requirements of the RFP. The bidder must include details in the State's Cost Proposal supporting any and all costs.

The State reserves the right to review all aspects of cost for reasonableness and to request clarification of any proposal where the cost component shows significant and unsupported deviation from industry standards or in areas where detailed pricing is required.

B. PRICES

Prices quoted shall be net, including transportation and delivery charges fully prepaid by the bidder, F.O.B. destination named in the RFP. No additional charges will be allowed for packing, packages, or partial delivery costs. When an arithmetic error has been made in the extended total, the unit price will govern.

West Response: Understand and Comply

West has completed the State's Cost Proposal template following the requirements stated in this RFP. The Cost Proposal is included in this proposal immediately following the Technical Proposal. West has included detailed pricing in addition to the State's Cost Proposal template, as required in item A.

WEST LEGAL AND INSURANCE EXCEPTIONS

Included in its response is a copy of West's standard terms and conditions. While we have accepted all of the initialed terms of the RFP, West also requests completing a single negotiated agreement that incorporates Nebraska's standard terms and any non-conflicting terms from West's terms and conditions.

West takes the following exceptions or provides the following clarifications to the noted RFP requirements:

| Page | Section / Item | Requirement | Exception / Clarification |
|------|----------------|---|---|
| 19 | III. G. 2. | Required Insurance Coverage Commercial General Liability Medical Payments | Under Commercial General Liability, West's insurance liability coverage for Medical Payments is \$5,000 per any one person, not \$10,000. |
| 19 | III. G. 2. | Required Insurance Coverage Commercial General Liability Cyber Liability | West's insurance policy is a combined Professional Liability / Cyber Liability form, but we meet the \$10,000,000 coverage requirement. |

West's terms and conditions are contained in the Agreement for Services which begins on the following page.

WEST SAFETY SERVICES AGREEMENT FOR SERVICES

Agreement for Services

This Agreement for Services (Government Customers) is between West Safety Services, Inc. ("West") and the customer signing below ("Customer"), dated as of the latest signature date ("Effective Date"). The parties may enter into orders or statements of work referencing this agreement (each, an "Order") describing the West services ("Services"). "Agreement" means this Agreement for Services and all Orders. "Affiliate" has the meaning in Rule 405 of the Securities Act of 1933, as amended.

1. Term

This Agreement will continue from the Effective Date until the expiration or termination of the latest-ending Order.

2. Payment

2.1. Invoices. Customer will pay the fees described in Orders. West bills recurring fees monthly and non-recurring fees within 30 days of the Order effective date (except as specified in an Order). Invoices may be transmitted electronically and are payable via electronic funds (ACH, EFT or wire transfer) within 30 days of invoice date, without setoff or deduction. Requested Services performed by West before an Order effective date or outside the scope of the Order will be billed at West's then-current rate (except as otherwise specified in an Order). West will apply payments to the oldest outstanding invoice.

2.2. Taxes. Customer will bear all applicable taxes, duties, and other government charges relating to the Services (including applicable interest and penalties), except taxes based on West's income. Any tax exemption must be supported by appropriate documentation.

2.3. Termination. West's pricing is based on fees for the entire Order term. On early termination of an Order (except due to West's default), Customer will pay for Services delivered and outstanding invoices, plus a termination fee equal to recurring fees times the remaining months of the Order term. "Recurring fees" will equal the greater of (a) monthly minimum fees, if any, stated in the Order, or (b) the average monthly fee for the six months before the notice of termination. West has made pricing concessions based on the amount of recurring fees for the term of the Order, and the termination fees are a fair approximation of West's damages, not a penalty.

2.4. Late Payments. Invoices not paid when due will bear interest from the due date at the lower of two percent per month or the highest allowable rate. Customer will pay all reasonable costs of collection (including attorney fees). West may change payment terms or require a deposit upon an adverse change in Customer's financial condition or payment record.

2.5. Disputed Invoices. Customer may withhold only good faith disputed amounts, not to exceed one month's recurring fees for the Service and will pay all other amounts when due. Customer must notify West within 15 days of any disputed invoice, specifying the nature of the dispute. The parties will try in good faith to resolve any disputed invoices within 30 days.

3. Confidentiality

Exhibit A-Confidentiality and FOIA applies to disclosure and use of confidential information exchanged under this Agreement and disclosures required by applicable freedom of information or public records laws.

4. Limited Warranty

4.1. Warranty. West warrants that Services will be provided in a workmanlike manner, in accordance with industry standards and by individuals with suitable skills and abilities. Except as provided in an Order, Services will be deemed accepted when performed. West does not warrant products, equipment, hardware, or software used to provide the Services but not manufactured by West.

4.2. Disclaimer. EXCEPT AS STATED IN THIS SECTION, WEST DISCLAIMS ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, ACCURACY OR CONDITION OR LOSS OF DATA, NETWORK CONNECTIVITY, INTEROPERABILITY OR THAT THE SERVICES OR RELATED SYSTEMS WILL BE UNINTERRUPTED OR ERROR-FREE.

4.3. Customer Materials. Customer will provide information reasonably requested by West to perform the Services, including as applicable: telecommunication or cell site specifications; Customer or third party databases; network architectures and diagrams; performance statistics; interfaces and access to Customer systems, including third party systems; routing and network addresses and configurations ("Customer Materials"). Customer warrants that (a) Customer is solely responsible for the content and rights to the Customer Materials; (b) the Customer Materials will be accurate; and (c) West's use of the Customer Materials will not violate the rights of any third party.

5. Limitation of Liability

5.1. Limitation. NEITHER PARTY WILL BE LIABLE FOR ANY INDIRECT, EXEMPLARY, SPECIAL, PUNITIVE, CONSEQUENTIAL, OR INCIDENTAL DAMAGES OR LOSS OF GOODWILL, DATA OR PROFITS, OR COST OF COVER. THE TOTAL LIABILITY OF WEST FOR ANY REASON WILL BE LIMITED TO THE AMOUNT PAID BY CUSTOMER UNDER THE RELEVANT ORDER IN THE SIX MONTHS PRIOR TO THE CLAIM.

5.2. Application. THESE LIMITS ON LIABILITY APPLY WHETHER THE CLAIM ARISES OUT OF BREACH OF WARRANTY, CONTRACT, TORT, OR STRICT LIABILITY, AND EVEN IF THE DAMAGES ARE POSSIBLE OR FORESEEABLE.

5.3. Time Limit. ANY SUIT MUST BE FILED WITHIN TWO YEARS AFTER THE CAUSE OF ACTION ACCRUES.

6. Indemnification

6.1. Infringement. West will (a) defend or settle any third party claim against Customer that the Services infringe any patent issued as of the Order effective date ("IP Claim"); and (b) pay any final judgment or settlement agreed to by West. These obligations will not apply if a claim arises in whole or in part from (1) Customer's alteration of the Services; (2) the

Customer Materials or Services based on the Customer Materials, or information, design, specifications, directions, instruction, software, data, or material not furnished by West; (3) combination of the Services with the Customer Materials or any materials, products or services not provided by West; or (4) any third party products or services. If an IP Claim occurs or West believes may occur, West may (1) obtain the right to continue the Services; (2) modify the Services so they are non-infringing and in compliance with this Agreement; or (3) terminate the Services without liability other than this indemnity obligation. This section describes Customer's exclusive remedy for any infringement claims.

6.2. West Indemnity. West will indemnify, defend and hold harmless Customer from third-party claims, actions, suits, proceedings, costs, expenses, damages and liabilities, including reasonable attorney fees and expenses (collectively, "Claims") for physical injury or death or tangible property damage to the extent caused by West's gross negligence or willful misconduct.

6.3. Customer Indemnity. Except to the extent prohibited by applicable law, Customer will indemnify, defend and hold harmless West, its Affiliates and their officers, directors, employees and agents from Claims (a) relating to the Customer Materials or a breach of the Section titled Customer Materials; (b) relating to any Customer product or service; or (c) for physical injury or death or tangible property damage to the extent caused by Customer's gross negligence or willful misconduct.

6.4. Procedures. The indemnified party will (a) notify the other party of any Claim; (b) relinquish control of the defense and settlement; and (c) assist the indemnifying party as reasonably requested. The indemnifying party may settle any Claim without the indemnified party's consent if the settlement does not affect the rights of the indemnified party. The indemnified party may participate in the defense at its expense.

6.5. Immunity. If applicable and to the extent not prohibited by applicable law, each party will be entitled to not less than the same benefits and protections afforded by any law, regulation or other applicable rule which extends protections to the other party in any form, including but not limited to governmental or other immunity, indemnification, or other protection. Neither party will object to or interfere with the assertion of such immunity by the other party.

7. Termination for Default

If either party fails to cure a material default within ten days for late payments, or 30 days for other default, after notice specifying the default, the non-defaulting party may terminate the Agreement or applicable Order, and pursue any other available remedies at law or equity. The cure period will extend for 30 more days if West uses good faith efforts to cure.

8. Intellectual Property

8.1. West IP. West retains full and exclusive ownership of and all rights in, to and under its trademarks, service marks, tradenames and logos, and any design, data, specification, know-how, software, device, technique, algorithm, method, discovery or invention, whether or not reduced to practice,

relating to the Services and any development, enhancement, improvement or derivative works of the Services except for the Customer Materials (collectively, including all intellectual property rights, "West IP"). West grants Customer a non-exclusive, non-transferable license during the term to use the West IP only to the extent required to utilize the Services, subject to this Agreement. Customer receives no other right, title or interest in, to or under West IP. West IP is West's Confidential Information (as defined in Exhibit A hereto). Customer will cooperate to take such actions reasonably requested to vest ownership of West IP in West.

8.2. Restrictions; Reservation of Rights. Customer will not disclose or allow access to West IP, including without limitation, software and systems, by anyone other than Customer's employees and subcontractors who have a need to access the West IP and who are bound by law or written agreement to comply with Customer's duties under this Agreement. Neither party will reverse engineer, decompile, disassemble or translate the other party's intellectual property or confidential information. Each party reserves all rights to its intellectual property and confidential information.

9. On-Site Services

For any Services performed on Customer's premises, Customer will (a) provide appropriate facilities, access, furnishings, equipment, software, documentation, passwords and data; (b) maintain adequate security, safety, utilities, and environmental standards; and (c) reimburse West for its reasonable out-of-pocket expenses, including coach class travel, business class lodging, automobile rental, and meals, unless otherwise provided in the Order. While on the other's premises, each party will comply with the other party's written security rules and regulations.

10. Insurance

Each party will maintain: (a) Workers' Compensation insurance required by law; (b) employer's liability insurance with limits of at least \$500,000 for each claim; (c) comprehensive automobile liability insurance if the use of motor vehicles is required, with limits of at least \$1,000,000 combined single limit for bodily injury and property damage for each claim; (d) Commercial General Liability insurance, including Blanket Contractual Liability and Broad Form Property Damage, with limits of at least \$1,000,000 combined single limit for bodily injury and property damage for each claim; (e) Professional Liability or Errors and Omissions insurance of at least \$1,000,000 for each claim; and (f) excess or umbrella liability at a limit of at least \$5,000,000 per claim. The CGL, excess or umbrella liability and automobile liability policies will designate the other as an Additional Insured. On request, the other party will furnish certificates evidencing the foregoing insurance. Each party will strive to notify the other at least 30 days before any cancellation or termination of its policy.

11. Miscellaneous

11.1. Force Majeure. Neither party is liable for delays or defaults in its performance hereunder (except for its payment obligations) due to causes beyond its reasonable control, including: acts of God or government; war, terrorism, fire or explosion; flood; extreme weather; epidemic; riots; embargoes; viruses; technology attacks; labor disturbances;

failure or unavailability of the Internet, telecommunications, transportation, utilities or suppliers.

11.2. Independent Contractors; Beneficiaries. The parties are independent contractors. No agency, joint venture or partnership is created under this Agreement. This Agreement benefits Customer and West only; there are no third party beneficiaries, including Customer's customers.

11.3. Interpretation; Conflict; Severability. "Including" means including, without limitation. "Days" means calendar days. If any terms of this Agreement and an Order conflict, the Order will govern for that Order only. No preprinted purchase order or other form terms will apply. Any provision held unenforceable by a court will be enforced to the fullest extent permitted by law and will not affect the other provisions. No course of dealing or failure to exercise any right or obligation is an amendment or waiver. This Agreement may be modified or amended only in a writing signed by the parties.

11.4. Assignment. This Agreement will be binding on the permitted successors and assigns. Neither party may transfer or assign this Agreement without the prior written consent of the other, not to be unreasonably withheld, except that West may assign this Agreement to an Affiliate or to an acquirer of all or part of its business or assets without consent.

11.5. Applicable Law and Remedies. This Agreement is governed by Colorado law, without regard to choice of law principles. Each party waives all rights to a jury trial. Injunctive relief will apply to any breach of Sections 3 or 8 above. All rights and remedies are in addition to any other rights or remedies at law or in equity, unless designated as an exclusive remedy in this Agreement. Each party will be entitled to the same governmental or other immunity or other protections afforded by any law, rule, or regulation to the other party, and neither party will object to or interfere with the other party's application of this sentence.

11.6. Compliance with Laws. Each party has or will timely obtain all consents, licenses, permits and certificates required to perform under this Agreement. Each party will comply with laws, rules, regulations and court orders applicable to it or the Services. West may cease or modify the Services or the terms as reasonably required to comply with changes in law. Customer recognizes and agrees to comply with West's Code of Ethical Business Conduct located at <https://www.west.com/legal-privacy/terms-conditions/>.

11.7. Advertising and Publicity. Neither party will use the other party's name or marks in any press release, advertisement, promotion, speech or publicity, without the other party's prior written consent, except that West may use Customer's name and marks in its customer lists, sales or promotional materials without consent.

11.8. Affiliates; Changes. Services may be provided, in whole or part, by West or its Affiliates. West Safety Communications Inc. may provide regulated portions of the Services. West may modify or improve Services during the term.

11.9. Notices; Entire Agreement; Survival; Signature. All notices must be in writing and delivered to the address below. Notices are effective on receipt when sent by certified or registered U.S. Mail, charges prepaid, return receipt requested or when delivered by hand, overnight courier or fax with confirmed receipt. This Agreement constitutes the entire agreement and supersedes any prior written or oral agreements or understandings related to its subject matter. Sections titled Invoice and Payment, Confidentiality, Limited Warranty, Limitation of Liability, Indemnification, Intellectual Property and Miscellaneous will survive termination of this Agreement. This Agreement may be executed in counterparts, by facsimile or electronically, and is not enforceable unless executed by both parties.

IN WITNESS WHEREOF, The parties hereby execute and authorize this Agreement as of the Effective Date.

<CUSTOMER NAME>

WEST SAFETY SERVICES, INC.

Authorized Signature

Authorized Signature

Name Typed or Printed

Name Typed or Printed

Title Date signed

Title Date signed

Address for Notices:

Address for Notices:

Attn:
Fax:

1601 Dry Creek Dr.
Longmont, CO 80503
Attn: Legal Department, copy Attn: VP Finance
Fax: 720-494-6600



Exhibit A-Confidentiality and FOIA

Except to the extent disclosures are required under applicable freedom of information or public records laws or regulations, the terms of this Exhibit A-Confidentiality and FOIA will apply to information disclosed under this Agreement. Customer may disclose the West's Confidential Information only to the extent required by applicable law or regulation. Customer will give sufficient notice to West to allow West to claim applicable exemptions, make applicable objections or seek appropriate limits or restrictions on use and disclosure of its Confidential Information.

1. **Definitions.** "Confidential Information" means all information disclosed by or on behalf of either party ("Discloser") to the other party ("Recipient") that is marked as confidential or proprietary or that by its nature or context constitutes information that a reasonable business person would treat as proprietary, confidential, or private, even if not so marked. Confidential Information includes, but is not limited to a party's financial, business, technical, marketing, sales, customer, product, pricing, strategy, personnel, software, systems, methods, processes, practices, intellectual property, trade secrets, software, data, contract terms or other business information.

2. **Exclusions.** Confidential Information does not include any information that: (a) was or becomes generally available to the public through no breach of this Agreement; (b) was previously known by Recipient or is disclosed to Recipient by a third party without any obligation of confidentiality; or (c) is independently developed by the Recipient without the use of Discloser's Confidential Information.

3. **Use and Disclosure.** Recipient and its employees, Affiliates, agents and contractors will: (a) use the Confidential Information only for the Agreement; (b) disclose the Confidential Information only to its employees, Affiliates, agents, and contractors with a "need to know" for the Agreement; (d) use the same standard of care to protect Discloser's Confidential Information as Recipient uses to protect its own similar confidential or proprietary information, but not less than reasonable care appropriate to the type of information; (e) reproduce Discloser's confidentiality or proprietary notices, legends or markings on all copies or extracts of Confidential Information; and (f) use and disclose the Confidential Information as authorized in writing by the Discloser. Recipient is responsible for compliance with this Agreement by its employees, Affiliates, agents and contractors.

4. **Required Disclosure.** If required to disclose any Confidential Information by law or court order, Recipient will promptly notify the Discloser (unless prohibited by law) and cooperate with Discloser, at Discloser's expense, to seek protective orders or appropriate restrictions on use and disclosure. The Section titled Use and Disclosure does not apply to disclosure required under this Section.

5. **Return or Destruction.** Within 30 days after termination of the Agreement or written request of Discloser, Recipient will return or destroy Discloser's Confidential Information. Recipient will certify return or destruction if requested by Discloser. Recipient may retain Discloser's Confidential Information to the extent required by law. This Exhibit A will survive and continue to apply to Discloser's Confidential Information that is not reasonable to return or destroy (for example, retained in archive or backup systems) as long as it is retained by or for Recipient.

ACKNOWLEDGEMENT OF ADDENDA

As addenda become part of the proposal and should be acknowledged with the RFP, West acknowledges receipt of the following addenda to RFP Number 5882 Z1 issued by the State of Nebraska.

Addendum 1

Revised Schedule of Events

West Response: Acknowledged

West has received, reviewed, and incorporated this addenda into its proposal as required.

Addendum 2

Questions and Answers and Revised Schedule of Events

West Response: Acknowledged

West has received, reviewed, and incorporated this addenda into its proposal as required.

ATTACHMENTS

The following attachments are included in West's response to RFP 5882 Z1 and begin on the following page:

- West's Proposed Project Action Plan
- Sample 9-1-1 EGDMS GIS Data Upload Report

WEST'S PROPOSED PROJECT ACTION PLAN

West's project action plan is included as a fold-out document on the following page.

| ID | Task Name | Duration | Start | Finish | Qtr 3, 2018 | | | Qtr 4, 2018 | | | Qtr 1, 2019 | | | Qtr 2, 2019 | | | Qtr 3, 2019 | | | Qtr 4, 2019 | | | Qtr 1, 2020 | | | Qtr 2, 2020 | | | Qtr 3, 2020 | | | Qtr 4, 2020 |
|----|---|----------|--------------|--------------|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|
| | | | | | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct |
| 1 | Contract Start Date | 1 day | Mon 10/8/18 | Mon 10/8/18 | | | | | I | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | On Site Project Kickoff | 2 days | Mon 10/22/18 | Tue 10/23/18 | | | | | I | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | QA/QC Procedures and Workflow Development | 49 days | Wed 10/24/18 | Mon 12/31/18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | GIS Data Model | 43 days | Thu 11/1/18 | Mon 12/31/18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Initial Data Assessment | 64 days | Tue 1/1/19 | Fri 3/29/19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | EGDMS First Pass | 45 days | Mon 4/1/19 | Fri 5/31/19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Managed NG9-1-1 Service | 354 days | Mon 6/3/19 | Thu 10/8/20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | |
|--|-----------|--|--------------------|--|--------------------|--|-----------------------|--|----------|--|
| Project: Project1 Date: Tue 7/31/18 | Task | | Project Summary | | Inactive Milestone | | Manual Summary Rollup | | Deadline | |
| | Split | | External Tasks | | Inactive Summary | | Manual Summary | | Progress | |
| | Milestone | | External Milestone | | Manual Task | | Start-only | | | |
| | Summary | | Inactive Task | | Duration-only | | Finish-only | | | |

SAMPLE EGDMS GIS DATA UPLOAD REPORT

A copy of a EGDMS GIS Data Upload Report is included in West's proposal as required to meet the requirements stated in section V. Project Description and Scope of Work, subsection F. Contractor Requirements, items 3 and 4 (Contractor Reports to PSAP and Discrepancy Report, respectively).

The EGDMS Data Upload Report begins on the following page.



9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

Date and Time of Data Submission: 2/7/2018 12:07
 Processing started: 2/7/2018 12:22
 Processing completed: 2/8/2018 02:41
 For questions regarding this report, please contact: EGDMSAnalysts.safetyservices@west.com

Upload Summary:

| Agency Layer Name | Total Count | Changed/Added Feature Count | Critical Errors* | Proceeded To Production |
|------------------------|-------------|-----------------------------|------------------|-------------------------|
| AUTHORITATIVE_BOUNDARY | 1 | 1 | 0 | 1 |
| FIRE | 304 | 304 | 133 | 171 |
| LAW | 155 | 155 | 55 | 100 |
| MEDICAL | 67 | 67 | 20 | 47 |
| MUNICIPAL_BOUNDARIES | 121 | 121 | 18 | 103 |
| PSAP | 38 | 38 | 13 | 25 |
| ROAD_CENTERLINES | 108,666 | 108,666 | 162 | 108,504 |
| SITE_STRUCTURE_POINTS | 349,169 | 349,169 | 93 | 349,158 |

* These features did not proceed to production, and should be reviewed as soon as possible.

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

QAQC Validations

The following validations are performed within the 9-1-1EGDMS. Errors should be corrected within your local GIS data and resubmitted on a regular basis. Please contact your West GIS analyst team with any questions.

Validations for all layers:

- Compare the schema and data structure and properties of the source dataset with the schema and properties of the master database and report discrepancies in the EGDMS Field Mapping Tool
- Database Field Constraint
- All Features fall within the Authoritative Boundary
- Duplicate Feature Detection
- Unique ID Validation (if provided)
- Values are present for required attributes
- Remove features with NULL geometry
- Repair features with bad geometry

Boundary Layer (Authoritative Boundary, PSAP, Fire, Law, EMS)

- Polygon gap/overlap validation (For errors involving multiple agencies, participants must work with neighbor agencies to resolve issues. All polygon gap/overlap issues must be corrected prior to provisioning data to the ECRF/LVF.)
- Routing URI populated and valid

Street Centerlines

- Address Range Overlap Issues

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

Error Code Descriptions

Below are descriptions of the validation errors used in this report:

Critical Errors

| Error Name | Error Description |
|--------------------------------|--|
| Outside Authoritative Boundary | All or part of the feature falls outside the authoritative boundary |
| Boundary - Neighbor - Gap | A gap exists between the boundary polygon and an adjacent data source's boundary polygon |
| Boundary - Internal - Gap | A gap exists between the boundary polygon and another boundary polygon within your database |
| Boundary - Neighbor - Overlap | The boundary polygon feature overlaps an adjacent data source's boundary polygon |
| Boundary - Internal - Overlap | The boundary polygon feature overlaps another boundary polygon within your database |
| Routing URI | The Routing URI is either missing or invalid within the service response boundary polygon |
| Field Constraint | An attribute value is incompatible with the EGDMS database schema and cannot be loaded |
| True Duplicate | The exact feature is duplicated multiple times in the layer - EGDMS deletes the duplicate features, leaving a single record |
| Attribute Duplicate | The feature's attributes are duplicated in multiple features, but each feature has a unique location - All records are returned as errors and must be corrected to proceed to production |
| Address Range Overlap | An overlap exists in one or both sides of the address ranges between two connected and identically named street centerline segments. |
| Unique ID Duplicate | The feature's Unique ID is duplicated within the agency's layer - these are critical errors and must be corrected to proceed to production |
| Geometry Error | A record exists in the attribute table that is not associated with a geographic feature or the geometry of a feature is in error. |
| NULL Value Critical | NULL value for a critical field |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

Non-Critical Errors

| Error Name | Error Description |
|---------------------------------|---|
| NULL Value | A required attribute is blank or NULL. |
| Domain Addressing Standard | The attribute value does not match an existing addressing standard value within the parsed street name attributes (pre type, pre directional, street type, post directional) |
| Street Pointing Wrong Direction | A discrepancy between two identically named and connected street segments where the ending point of one segment is different from the beginning point of the connected segment. |
| Street Name Parsing | Identifies street names that are potentially not properly parsed, example: the street name field contains street types or street directionals |
| Low Frequency Street Name | A single address point street name exists (this is only a warning, but oftentimes finds street name spelling/parsing issues) |
| Address Range Parity | Describes street segments that have a mix of odd and/or even addresses on one particular side of that segment and not indicated accordingly in the Left and Right Parity fields. Street centerlines should only have odd addresses on one side and even addresses on the other. |
| Geometry Warning | A feature had invalid geometry, but that inconsistency was automatically corrected by EGDMS. |
| Invalid Date | Indicates that the value of the date field was invalid - replaced with current date. |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

Validation Error Summary:

| Agency Layer Name | Error Code | Error Count |
|------------------------------|-------------------------------|---------------|
| FIRE | Boundary - Internal - Gap | 78 |
| | Boundary - Internal - Overlap | 22 |
| | Universal Unique ID duplicate | 49 |
| | Total | 149 |
| LAW | Boundary - Internal - Gap | 11 |
| | Boundary - Internal - Overlap | 4 |
| | Universal Unique ID duplicate | 44 |
| | Total | 59 |
| MEDICAL | Boundary - Internal - Gap | 7 |
| | Boundary - Internal - Overlap | 11 |
| | Universal Unique ID duplicate | 8 |
| | Total | 26 |
| MUNICIPAL_BOUNDARIES | Boundary - Internal - Gap | 9 |
| | Universal Unique ID duplicate | 9 |
| | Total | 18 |
| PSAP | Boundary - Internal - Gap | 8 |
| | Boundary - Internal - Overlap | 7 |
| | Universal Unique ID duplicate | 2 |
| | Total | 17 |
| ROAD_CENTERLINES | Address Range Overlap | 162 |
| | Geometry Warning | 94 |
| | NULL Value | 13,697 |
| | Total | 13,953 |
| SITE_STRUCTURE_POINTS | Attribute Duplicate | 10 |
| | Field Constraint | 1 |
| | Stacked Duplicate | 82 |
| | Total | 93 |

NOTE: The above counts represent the total number of errors for each feature class. It is possible for features to have multiple errors thus making these counts higher than the number of error features.

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

Validation Error Details:

Address Points:

 Indicates Critical Errors (did not proceed to production).

| Error Type | Reason | Count |
|---------------------|---|-------|
| Field Constraint | Field Validation Failed - Cannot convert GC_EXCEPTION to nvarchar: PERMITS_29000\P29000\P29087_PD | 1 |
| Attribute Duplicate | Attribute Duplicate, Unique Geometry | 10 |
| Stacked Duplicate | Attribute Duplicate, Stacked Features | 82 |

Streets:

 Indicates Critical Errors (did not proceed to production).

| Error Type | Reason | Count |
|-----------------------|------------------------------------|-------|
| Address Range Overlap | Address Range Overlap | 162 |
| Geometry Warning | Geometry Fails OGC warning | 94 |
| NULL Value | Not Null Failed - LeftFromAddress | 4231 |
| | Not Null Failed - LeftToAddress | 4231 |
| | Not Null Failed - RightFromAddress | 2618 |
| | Not Null Failed - RightToAddress | 2617 |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

Fire:

| ESUnqID | Display Name | AgencyID | Route | ServiceURN | Service Number | State | Country | Error | Comments |
|----------------------------------|------------------------|----------------------------------|-------|------------|----------------|-------|---------|-------------------------------|-------------------|
| FIRE_1 @ROBERTSON.BVCOG.TX | FRANKLIN | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_1 @ROBERTSON.BVCOG.TX | FRANKLIN | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_1 @ROBERTSON.BVCOG.TX | FRANKLIN | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_10 @NACOGDOC.HES.DE.TCOG.TX | MELROSE VFD 00016 | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_10 @NACOGDOC.HES.DE.TCOG.TX | MELROSE VFD 00016 | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_10 @NACOGDOC.HES.DE.TCOG.TX | MELROSE VFD 00016 | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_10 @NACOGDOC.HES.DE.TCOG.TX | SOUTH NACOGDOCHE 5 VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | Display Name | Agency ID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|---|---|-------|------------|---------------|-------|---------|-------------------------------------|-------------------|
| FIRE_10 00021 @NAC OGDOC HES.DE TCOG.T X | SOUTH NACOGDOCHE S VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_10 00021 @NAC OGDOC HES.DE TCOG.T X | SOUTH NACOGDOCHE S VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| GUADA LUPE_N ATIONA L_PARK _FIRE_S ERVICE @RGCO G.ORG | GUADALUPE NATIONAL PARK FIRE SERVICE | GUADALUPE NATIONAL PARK FIRE SERVICE | | | 432-283-2060 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| GUADA LUPE_N ATIONA L_PARK _FIRE_S ERVICE @RGCO G.ORG | GUADALUPE NATIONAL PARK FIRE SERVICE | GUADALUPE NATIONAL PARK FIRE SERVICE | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000001 1@HO USTON. DETCC G.TX | KENNARD/RAT CLIFF VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000001 1@HO USTON. DETCC G.TX | KENNARD/RAT CLIFF VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000001 1@HO USTON. DETCC G.TX | KENNARD/RAT CLIFF VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | DisplayName | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|---|---------------------|--|-------|------------|---------------|-------|---------|-------------------------------------|-------------------|
| FIRE_80 000001 4@SAN AUGUS TINE.DE TCOG.T X | LAKE SAM RAYBURN | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000001 4@SAN AUGUS TINE.DE TCOG.T X | LAKE SAM RAYBURN | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_24 @BOSQ UE.HOT COG.TX | Meridian Fire | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_24 @BOSQ UE.HOT COG.TX | Meridian Fire | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_11 @HILL HOTCO G.TX | Whitney FD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_11 @HILL HOTCO G.TX | Whitney FD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_6 @GRIM ES.BVC OG.TX | ANDERSON VFD | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_6 @GRIM ES.BVC OG.TX | ANDERSON VFD | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000001 8@SABI NE.DET COG.TX | SIX MILE VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000001 8@SABI NE.DET COG.TX | SIX MILE VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | Display Name | Agency ID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--------------------------------|------------------|---|-------|------------|---------------|-------|---------|-------------------------------|-------------------|
| FIRE_12@WASHNGTON.BVCOG.TX | PRAIRIE HILL VFD | BRENHAM EMERGENCY COMMUNICATIONS DEPARTMENT | | | 979-337-7272 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_12@WASHNGTON.BVCOG.TX | PRAIRIE HILL VFD | BRENHAM EMERGENCY COMMUNICATIONS DEPARTMENT | | | 979-337-7272 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_2@LEON.BVCOG.TX | BUFFALO VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_2@LEON.BVCOG.TX | BUFFALO VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80000015@TYLER.DETCOG.TX | BEACH CREEK UNIT | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80000015@TYLER.DETCOG.TX | BEACH CREEK UNIT | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_2@HILL.HOTCOG.TX | Aguilla FD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_2@HILL.HOTCOG.TX | Aguilla FD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_8@MADISON.BVCOG.TX | BEDIAS | MADISON COUNTY SHERIFFS OFFICE | | | 936-348-2755 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_8@MADISON.BVCOG.TX | BEDIAS | MADISON COUNTY SHERIFFS OFFICE | | | 936-348-2755 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80000021@SABINE.DETCOG.TX | FAIRMOUNT VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | DisplayName | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|-------------------------|----------|-------|------------|---------------|-------|---------|-------------------------------------|-------------------|
| FIRE_80 000002 1@SABI NE.DET COG.TX | FAIRMOUNT VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000002 .1@SABI NE.DET COG.TX | FAIRMOUNT VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000002 1@SABI NE.DET COG.TX | FAIRMOUNT VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000002 1@SABI NE.DET COG.TX | FAIRMOUNT VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000003 1@SABI NE.DET COG.TX | PENDLETON HARBOR VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000003 1@SABI NE.DET COG.TX | PENDLETON HARBOR VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000003 1@SABI NE.DET COG.TX | PENDLETON HARBOR VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000003 1@SABI NE.DET COG.TX | PENDLETON HARBOR VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000003 1@SABI NE.DET COG.TX | PENDLETON HARBOR VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |

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| ESUnqID | Display Name | Agency ID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|---|-------------------------------------|--|-------|------------|---------------|-------|---------|-------------------------------------|-------------------|
| FIRE_80 000003 1@SABI NE.DET COG.TX | PENDLETON HARBOR VFD | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_37 @LIME STONE. HOTCO G.TX | GROESBECK FD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_37 @LIME STONE. HOTCO G.TX | GROESBECK FD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_9 @WAS HINGT ON.BVC OG.TX | CARMINE FD (FAYETTE CO) | BRENHAM EMERGENCY COMMUNICA TIONS DEPARTMENT | | | 979-337-7272 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_9 @WAS HINGT ON.BVC OG.TX | CARMINE FD (FAYETTE CO) | BRENHAM EMERGENCY COMMUNICA TIONS DEPARTMENT | | | 979-337-7272 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| FIRE_80 000001 9@SABI NE.DET COG.TX | TOLEDO BEND LAKE | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_9 @ROBE RTSON. BVCOG. TX | WHELOCK / FRANKLIN / EASTERLY | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| FIRE_80 000002 3@SABI NE.DET COG.TX | SHAMROCK SHORES VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_17 @ROBE RTSON. BVCOG. TX | EASTERLY / FRANKLIN | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ES UnqID | Display Name | Agency ID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|---|---------------------------------------|---|-------|------------|---------------|-------|---------|---------------------------------|----------|
| FIRE_80 000002 8@TYL ER.DET COG.TX | DAM B VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_6 @LEON .BVCOG .TX | MADISONVILLE FD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| FIRE_12 @ROBE RTSON. BVCOG. TX | FRANKLIN / BLACKJACK / WHEELOCK | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| FIRE_80 000001 0@NE WTON. DETCO G.TX | VERIFY FIRE | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_10 00013 @NAC OGDOC HES.DE TCOG.T X | MARTINSVILLE VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_5 @LEON .BVCOG .TX | LEONA VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| FIRE_80 000001 7@SAB NE.DET COG.TX | LAKE SAM RAYBURN | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_80 000001 2@HO USTON. DETCO G.TX | GRAPELAND VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_80 000001 2@SAN AUGUS TINE.DE TCOG.T X | POWELLTOWN VFD | | | | | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ES UnqID | Display Name | Agency ID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--------------------------------|-------------------|----------------------------------|-------|------------|---------------|-------|---------|---------------------------|----------|
| FIRE_4 @GRIM ES.BVC OG.TX | IOLA VFD | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Boundary - Internal - Gap | |
| FIRE_9 @MADISON.LBV COG.TX | MIDWAY VFD | MADISON COUNTY SHERIFFS OFFICE | | | 936-348-2755 | TX | US | Boundary - Internal - Gap | |
| FIRE_6 @MADISON.BV COG.TX | NORTH ZULCH FD | MADISON COUNTY SHERIFFS OFFICE | | | 936-348-2755 | TX | US | Boundary - Internal - Gap | |
| FIRE_5 @GRIM ES.BVC OG.TX | RICHARDS VFD | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Boundary - Internal - Gap | |
| FIRE_9 @LEON.BVCOG .TX | HILLTOP LAKES VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| FIRE_2 @GRIM ES.BVC OG.TX | PLANTERSVILLE VFD | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Boundary - Internal - Gap | |
| FIRE_33 @BOSQ.UE.HOT COG.TX | Westshore Fire | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_7 @GRIM ES.BVC OG.TX | NAVASOTA FD | NAVASOTA POLICE DEPARTMENT | | | 936-825-3257 | TX | US | Boundary - Internal - Gap | |
| FIRE_28 @FREE STONE.HOTCO G.TX | Buffalo FD | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_14 @ROBERTSON.BVCOG. TX | HEARNIE | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| FIRE_21 @BOSQ.UE.HOT COG.TX | Iredell Fire | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ES UnqID | Display Name | Agency ID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|--------------------------|--|--|------------|---------------|-------|---------|---------------------------------|----------|
| FIRE_28 @BOSQ UE.HOT COG.TX | Walnut Springs Fire | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_23 @BOSQ UE.HOT COG.TX | Lakeside Fire | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_10 00023 @NAC OGDOC HES.DE TCOG.T X | SWIFT/SHADY GROVE VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_25 @BOSQ UE.HOT COG.TX | Morgan Fire | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_10 00008 @NAC OGDOC HES.DE TCOG.T X | KINGTOWN VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_7 @BURL ESON.B VCOG.T X | COOKS POINT VFD | BURLESON COUNTY SHERIFFS OFFICE | BVCOG- BURLESON- CO- SO@STATE. TX.US | | 979-567-4343 | TX | US | Boundary - Internal - Gap | |
| FIRE_1 @GRIM ES.BVC OG.TX | SHIRO VFD | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Boundary - Internal - Gap | |
| FIRE_80 000001 5@ANG ELINA.D ETCOG. TX | LAKE SAM RAYBURN | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_80 000003 0@SABI NE.DET COG.TX | HEMPHILL VFD | | | | | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUngID | Display Name | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|---------------------------------------|----------------------|--|-------|------------|---------------|-------|---------|---------------------------|----------|
| FIRE_2@ROBERTSON.BVCOG.TX | FRANKLIN / BLACKJACK | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| FIRE_1@WASHINGTONG.TX | GAY HILL VFD | BRENNHAM EMERGENCY COMMUNICATIONS DEPARTMENT | | | 979-337-7272 | TX | US | Boundary - Internal - Gap | |
| FIRE_100005@NACOGDOC.HES.DETCOG.TX | DOUGLASS VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_29@FREESTONE.HOTCOG.TX | Oakwood FD | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_80000019@HUSTON.DETCOG.TX | WELDON VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_80000015@SAN AUGUSTINE.DETCOG.TX | ATTOYAC VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_1000012@NACOGDOC.HES.DETCOG.TX | LOCO VALLEY VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_80000009@HUSTON.DETCOG.TX | PORTER SPRINGS VFD | | | | | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUInqID | DisplayName | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|---------------------------------------|----------------------|--|----------------------------------|------------|---------------|-------|---------|---------------------------|----------|
| FIRE_13@ROBERTSON.BVCOG.TX | BLACKJACK / WHEELOCK | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| FIRE_80000028@SABINE.DETCOG.TX | PINELAND VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_13@WASHINGTON.BVCOG.TX | WASHINGTON VFD | BRENNHAM EMERGENCY COMMUNICATIONS DEPARTMENT | | | 979-337-7272 | TX | US | Boundary - Internal - Gap | |
| FIRE_1@BURLESON.BVCOG.TX | SNOOK VFD | BURLESON COUNTY SHERIFFS OFFICE | BVCOG-BURLESON-CO-SO@STATE.TX.US | | 979-567-4343 | TX | US | Boundary - Internal - Gap | |
| FIRE_6@ROBERTSON.BVCOG.TX | FRANKLIN / BREMOND | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| FIRE_80000020@TYLER.DETCOG.TX | SPURGER VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_1000003@NACOGDOC.HES.DETCOG.TX | CHIRENO VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_12@LEON.BVCOG.TX | FLO VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| FIRE_80000018@SAN AUGUSTINE.DETCOG.TX | BROADDUS VFD | | | | | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | DisplayName | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|-------------------------------------|--------------------|--|-------|------------|---------------|-------|---------|---------------------------|----------|
| FIRE_10@ROBERTSON.BVCOG.TX | CALVERT / HEARNE | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| FIRE_80000015@HONUSTON.DETCOG.TX | CROCKETT VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_800000014@NEWTON.DETCOG.TX | TOLEDO VILLAGE VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_11@LEON.BVCOG.TX | MIDWAY VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| FIRE_16@ROBERTSON.BVCOG.TX | CALVERT | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| FIRE_80000012@ANGELINA.DETCOG.TX | RIVERCREST VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_8@WASHINGTONG.TX | BENHAM FD | BENHAM EMERGENCY COMMUNICATIONS DEPARTMENT | | | 979-337-7272 | TX | US | Boundary - Internal - Gap | |
| FIRE_1000006@NACOGDOC.HES.DETCOG.TX | ETOILE VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_1@LEON.BVCOG.TX | OAKWOOD VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESJingID | Display Name | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|-----------------------------|---|-------|------------|---------------|-------|---------|---------------------------------|----------|
| FIRE_7 @ROBERTSON. BVCOG. TX | BREMOND | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| FIRE_7 @MADISON.BV SON.BV COG.TX | NORMANGEE FD | MADISON COUNTY SHERIFFS OFFICE | | | 936-348-2755 | TX | US | Boundary - Internal - Gap | |
| FIRE_80 00002 0@H USTON. DETCO G.TX | AUSTONIO VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_10 00009 @HACOGDO OGDOC HES.DE TCOG.T X | LAKE HACOGDOCHE 5 VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_24 @FREE STONE. HOTCO G.TX | Donie FD | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_19 @BOSQUE. HOTCOG.TX | Clifton Fire | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_80 00002 4@SABINE. DET COG.TX | ROSEVINE VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_20 @BOSQUE. HOTCOG.TX | Cranfills Gap Fire | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_3 @ROBERTSON. BVCOG. TX | HEARNE / BLACKJACK | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUngID | Display Name | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|------------------------|--|-------|------------|---------------|-------|---------|---------------------------------|----------|
| FIRE_80 000002 0@JASP ER.DET COG.TX | LAKE SAM RAYBURN | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_10 00018 @NAC OGDOC HES.DE TCOG.T X | NACOGDOCHE 5 FD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_80 000000 8@HO USTON. DETCO G.TX | HOUSTON LAKE VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_11 @ROBE RTSON. BVCOG. TX | WHEELOCK / FRANKLIN | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| FIRE_9 @GRIM ES.BVC OG.TX | NAVASOTA FD | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Boundary - Internal - Gap | |
| FIRE_10 00024 @NAC OGDOC HES.DE TCOG.T X | WODEN VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_80 000003 4@ANG ELINALD ETCOG. TX | CENTRAL VFD | | | | | TX | US | Boundary - Internal - Gap | |
| FIRE_3 @WAS HINGT ON.BVC OG.TX | MEYERSVILLE VFD | BRENHAM EMERGENCY COMMUNICA TIONS DEPARTMENT | | | 979-337-7272 | TX | US | Boundary - Internal - Gap | |
| FIRE_7 @LEON .BVCOG .TX | JEWETT VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUingID | Display Name | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|-------------------------|---|-------|------------|---------------|-------|---------|-------------------------------------|----------|
| FIRE_3 @LEON .BVCOG .TX | CENTERVILLE VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| FIRE_6 @LEON .BVCOG .TX | MADISONVILLE FD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |
| FIRE_5 @LEON .BVCOG .TX | LEONA VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |
| FIRE_80 000001 2@HO USTON. DETCO G.TX | GRAPELAND VFD | | | | | TX | US | Boundary - Internal - Overlap | |
| FIRE_9 @MADI SON.BV COG.TX | MIDWAY VFD | MADISON COUNTY SHERIFFS OFFICE | | | 936-348-2755 | TX | US | Boundary - Internal - Overlap | |
| FIRE_36 @LIME STONE. HOTCO G.TX | KOSSE FD | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| FIRE_38 @LIME STONE. HOTCO G.TX | E. LAKE LIMESTONE FD | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| FIRE_29 @FREE STONE. HOTCO G.TX | Oakwood FD | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| FIRE_80 000001 9@HO USTON. DETCO G.TX | WELDON VFD | | | | | TX | US | Boundary - Internal - Overlap | |
| FIRE_80 000000 9@HO USTON. DETCO G.TX | PORTER SPRINGS VFD | | | | | TX | US | Boundary - Internal - Overlap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESInqID | Display Name | Agency ID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|------------------------|---|-------|------------|---------------|-------|---------|-------------------------------------|----------|
| FIRE_15 @ROBERTSON. BVCOG. TX | SEALE-ROUND PRAIRIE | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Overlap | |
| FIRE_21 @FALLS .HOTCO G.TX | REAGAN FIRE | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| FIRE_4 @ROBERTSON. BVCOG. TX | BREMOND / SEALE | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Overlap | |
| FIRE_80 000001 5@HO USTON. DETCO G.TX | CROCKETT VFD | | | | | TX | US | Boundary - Internal - Overlap | |
| FIRE_11 @LEON .BVCOG .TX | MIDWAY VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |
| FIRE_39 @LIME STONE. HOTCO G.TX | W. LAKE LIMESTONE | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| FIRE_1 @LEON .BVCOG .TX | OAKWOOD VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |
| FIRE_7 @ROBERTSON. BVCOG. TX | BREMOND | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Overlap | |
| FIRE_80 000002 0@HO USTON. DETCO G.TX | AUSTONIO VFD | | | | | TX | US | Boundary - Internal - Overlap | |
| FIRE_24 @FREE STONE. HOTCO G.TX | Donie FD | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | DisplayName | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|---------------------|-----------------------------------|-------|------------|---------------|-------|---------|-------------------------------------|----------|
| FIRE_80 000000 8@HO USTON. DETCO G.TX | HOUSTON LAKE VFD | | | | | TX | US | Boundary - Internal - Overlap | |
| FIRE_7 @LEON .BVCOG .TX | JEWETT VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |
| FIRE_3 @LEON .BVCOG .TX | CENTERVILLE VFD | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

EMS:

| ESUnqID | Display Name | AgencyID | Route | Service URN | Service Number | State | Country | Error | Comments |
|--|---|---|-------|-------------|----------------|-------|---------|-------------------------------------|-------------------|
| NORTH ERN_H UDSPET H_COU NTY_E MS@R GCOG. ORG | HUDSPETH_EM S | NORTHERN HUDSPETH COUNTY EMS | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| NORTH ERN_H UDSPET H_COU NTY_E MS@R GCOG. ORG | HUDSPETH EMS | NORTHERN HUDSPETH COUNTY EMS | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| MEDIC AL_2@ GRIMES .BVCOG .TX | MONTGOMER Y COUNTY HOSPITAL DISTRICT | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| MEDIC AL_2@ GRIMES .BVCOG .TX | MONTGOMER Y COUNTY HOSPITAL DISTRICT | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| MEDIC AL_2@ ROBERT SON.BV COG.TX | ROBERTSON COUNTY EMS | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| MEDIC AL_2@ ROBERT SON.BV COG.TX | ROBERTSON COUNTY EMS | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| MEDIC AL_1@ ROBERT SON.BV COG.TX | ROBERTSON CNTY EMS/BLACKJAC K 1ST | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| MEDIC AL_1@ ROBERT SON.BV COG.TX | ROBERTSON CNTY EMS/BLACKJAC K 1ST | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnitID | DisplayName | AgencyID | Route | ServiceURL | ServiceNumber | State | Country | Error | Comments |
|---|------------------------|---|-------|------------|---------------|-------|---------|-------------------------------------|----------|
| MEDIC AL_1@ LEON.B VCOG.T X | ALLEGIANCE | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| MEDIC AL_2@ LEON.B VCOG.T X | SI EMS MED 71 | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| MEDIC AL_6@ LEON.B VCOG.T X | MADISON COUNTY EMS | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| MEDIC AL_1@ MADIS ON.BVC OG.TX | MADISON COUNTY EMS | MADISON COUNTY SHERIFFS OFFICE | | | 936-348-2755 | TX | US | Boundary - Internal - Gap | |
| MEDIC AL_7@ LEON.B VCOG.T X | MADISON COUNTY EMS | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| MEDIC AL_100 0001@ HOUST ON.DET COG.TX | EAST TEX MED CENTER | | | | | TX | US | Boundary - Internal - Gap | |
| MEDIC AL_100 0002@ HOUST ON.DET COG.TX | GRAPELAND EMS | | | | | TX | US | Boundary - Internal - Gap | |
| MEDIC AL_12 @LIME STONE. HOTCO G.TX | Limestone EMS | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| MEDIC AL_1@ LEON.B VCOG.T X | ALLEGIANCE | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | Display Name | AgencyID | Route | ServiceIDN | ServiceNumber | State | Country | Error | Comments |
|---|--|---|-------|------------|---------------|-------|---------|-------------------------------------|----------|
| MEDIC AL_2@ LEON.B VCOG.T X | SJ EMS MED 71 | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |
| MEDIC AL_6@ LEON.B VCOG.T X | MADISON COUNTY EMS | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |
| MEDIC AL_3@ ROBERT SON.BV COG.TX | ROBERTSON CO EMS/BREMON D 1ST | ROBERTSON COUNTY SHERIFFS OFFICE | | | 979-828-3080 | TX | US | Boundary - Internal - Overlap | |
| MEDIC AL_1@ MADIS ON.BVC OG.TX | MADISON COUNTY EMS | MADISON COUNTY SHERIFFS OFFICE | | | 936-348-2755 | TX | US | Boundary - Internal - Overlap | |
| MEDIC AL_10 @FREE STONE. HOTCO G.TX | Fairfield EMS | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| MEDIC AL_5@ FALLS.H OTCOG. TX | ACADIAN EMS | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| MEDIC AL_100 0001@ HOUST ON.DET COG.TX | EAST TEX MED CENTER | | | | | TX | US | Boundary - Internal - Overlap | |
| MEDIC AL_3@ LEON.B VCOG.T X | JEWETT EMS 2 | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |
| MEDIC AL_100 0002@ HOUST ON.DET COG.TX | GRAPELAND EMS | | | | | TX | US | Boundary - Internal - Overlap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

Law:

| ESUnqID | DisplayName | AgencyID | Route | ServiceURLN | ServiceNumber | State | Country | Error | Comments |
|--|--------------|-----------|-------|-------------|---------------|-------|---------|-------------------------------------|-------------------|
| LAW_3 1@FRE ESTONE .HOTCO G.TX | FCSD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_3 1@FRE ESTONE .HOTCO G.TX | FCSD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 000000 07@JAS PER.DE TCOG.T X | JASPER CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 000000 07@JAS PER.DE TCOG.T X | JASPER CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_2 7@FRE ESTONE .HOTCO G.TX | FAIRFIELD PD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_2 7@FRE ESTONE .HOTCO G.TX | FAIRFIELD PD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 @HILL. HOTCO G.TX | HILLSBORO PD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 @HILL. HOTCO G.TX | HCSO | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 000000 07@PO LK.DET COG.TX | POLK CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | Display Name | Agency ID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|--------------|-----------|-------|------------|---------------|-------|---------|-------------------------------------|-------------------|
| LAW_8 000000 07@PO LK.DET COG.TX | POLK CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 000000 07@PO LK.DET COG.TX | POLK CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 000000 07@PO LK.DET COG.TX | POLK CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 000000 07@PO LK.DET COG.TX | POLK CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 000000 07@PO LK.DET COG.TX | POLK CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 000000 07@PO LK.DET COG.TX | POLK CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_4 0@LIM ESTONE .HOTCO G.TX | GROESBECK PD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_4 0@LIM ESTONE .HOTCO G.TX | GROESBECK PD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_6 0@BOS QUE.H OTCOG. TX | BCSO | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | DisplayName | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|----------------------------------|----------------|-----------|-------|------------|---------------|-------|---------|-------------------------------|-------------------|
| LAW_60@BOSQUE.HOTCOG.TX | BCSO | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_41@LIMESTONE.HOTCOG.TX | LCSO | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_41@LIMESTONE.HOTCOG.TX | LCSO | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_37@FALLS.HOTCOG.TX | LOTT PD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_37@FALLS.HOTCOG.TX | LOTT PD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_800000011@ANGELINA.DETCOG.TX | ANGELINA CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_800000011@ANGELINA.DETCOG.TX | ANGELINA CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_800000011@ANGELINA.DETCOG.TX | ANGELINA CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_800000011@ANGELINA.DETCOG.TX | ANGELINA CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | Display Name | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|-------------------|--|-------|------------|---------------|-------|---------|-------------------------------------|-------------------|
| LAW_8 000000 11@AN GELINA .DETCD G.TX | ANGELINA CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_8 000000 11@AN GELINA .DETCD G.TX | ANGELINA CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_2 @GRIM ES.BVC G.TX | GRIMES SO | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_2 @GRIM ES.BVC G.TX | GRIMES SO | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_2 @GRIM ES.BVC G.TX | GRIMES SO | GRIMES COUNTY SHERIFFS OFFICE | | | 936-873-2065 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_3 8@LIM ESTONE .HOTCD G.TX | MEXIA PD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_3 8@LIM ESTONE .HOTCD G.TX | MEXIA PD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_1 4@HILL .HOTCD G.TX | ITASCA PD | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_1 4@HILL .HOTCD G.TX | HCSO | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_4 0@FAL LS.HOT COG.TX | FCSO | HOTCOG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | Display Name | Agency ID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|-------------------------------|-----------------------|--------------------------------|-------|------------|---------------|-------|---------|-------------------------------|-------------------|
| LAW_40@FALS.HOTODG.TX | FCSD | HOTODG.TX | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_9@LEON.BVCG.TX | (CENTERVILLE) LEON SO | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_9@LEON.BVCG.TX | (CENTERVILLE) LEON SO | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_80000006@SABINE.DETODG.TX | SABINE CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_80000006@SABINE.DETODG.TX | SABINE CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_80000006@SABINE.DETODG.TX | SABINE CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_80000006@SABINE.DETODG.TX | SABINE CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| LAW_1@MADISON.BVCG.TX | MADISON SO | MADISON COUNTY SHERIFFS OFFICE | | | 936-348-2755 | TX | US | Boundary - Internal - Gap | |
| LAW_80000011@PONLX.DETODG.TX | ONALASKA PD | | | | | TX | US | Boundary - Internal - Gap | |
| LAW_1@LEON.BVCG.TX | LEON SO | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | DisplayName | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--------------------------------|---------------|--------------------------------|-------|------------|---------------|-------|---------|-------------------------------|----------|
| LAW_17@HILL.HOTCOG.TX | HCSO | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| LAW_54@BOS.QUE.HOTCOG.TX | Clifton PD | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| LAW_80000009@POLK.DETCOG.TX | LIVINGSTON PD | | | | | TX | US | Boundary - Internal - Gap | |
| LAW_10@HILL.HOTCOG.TX | HCSO | HOTCOG.TX | | | | TX | US | Boundary - Internal - Gap | |
| LAW_10@LEON.N.BVCG.TX | MADISON SO | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| LAW_80000006@POLK.DETCOG.TX | CORRIGAN PD | | | | | TX | US | Boundary - Internal - Gap | |
| LAW_80000006@HOUSTON.DETCOG.TX | HOUSTON CO SO | | | | | TX | US | Boundary - Internal - Gap | |
| LAW_8000002@SABINE.DETCOG.TX | PINELAND PD | | | | | TX | US | Boundary - Internal - Gap | |
| LAW_1@MADISON.N.BVCG.TX | MADISON SO | MADISON COUNTY SHERIFFS OFFICE | | | 936-348-2755 | TX | US | Boundary - Internal - Overlap | |
| LAW_1@LEON.N.BVCG.TX | LEON SO | LEON COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUrqiD | DisplayName | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|---|------------------|-----------------------------------|-------|------------|---------------|-------|---------|-------------------------------------|----------|
| LAW_1 0@LEO N.BVCG .TX | MADISON SO | LEDN COUNTY SHERIFFS OFFICE | | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |
| LAW_8 000000 06@HO USTON. DETCO G.TX | HOUSTON CD SO | | | | | TX | US | Boundary - Internal - Overlap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

PSAP:

| ESUnqID | DisplayName | AgencyID | Route | Service URN | Service Number | State | Country | Error | Comments |
|--|--|--|---|-------------|----------------|-------|---------|-------------------------------------|-------------------|
| PSAP_8 000000 04@AN GELINA .DETCCO G.TX | ANGELINA CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| PSAP_8 000000 04@AN GELINA .DETCCO G.TX | ANGELINA CO SO | | | | | TX | US | Universal Unique ID duplicate | ESUnqID Duplicate |
| PSAP_1 @BURL ESON.B VCOG.T X | BURLESON COUNTY TX | BURLESON COUNTY SHERIFFS OFFICE | 911@burles on-co- so.bvcog.91 1.texas.gov | | 979-567-7802 | TX | US | Boundary - Internal - Gap | |
| PSAP_1 @NAVA SOTA.B VCOG.T X | NAVASOTA POLICE DEPARTMENT | NAVASOTA POLICE DEPARTMENT | 911@navas ota- pd.bvcog.91 1.texas.gov | | 979-825-6410 | TX | US | Boundary - Internal - Gap | |
| PSAP_1 @ROBE RTSON. BVCOG. TX | ROBERTSON COUNTY SHERIFFS OFFICE | ROBERTSON COUNTY SHERIFFS OFFICE | 911@robert son-co- so.bvcog.91 1.texas.gov | | 979-828-3080 | TX | US | Boundary - Internal - Gap | |
| PSAP_2 @LEON .BVCOG .TX | LEON COUNTY SHERIFFS OFFICE | LEON COUNTY SHERIFFS OFFICE | 911@leon- co- so.bvcog.91 1.texas.gov | | 903-536-2749 | TX | US | Boundary - Internal - Gap | |
| PSAP_1 @WASH HNGT ON.BVC OG.TX | BRENHAM EMERGENCY COMMUNICATI ONS DEPARTMENT | BRENHAM EMERGENCY COMMUNICA TIONS DEPARTMENT | 911@washi ngton-co- 911.bvcog.9 11.texas.gov | | 979-337-7272 | TX | US | Boundary - Internal - Gap | |
| PSAP_2 @MADI SON.BV COG.TX | MADISON COUNTY SHERIFFS OFFICE | MADISON COUNTY SHERIFFS OFFICE | 911@madis on-co- so.bvcog.91 1.texas.gov | | {936} 348-2755 | TX | US | Boundary - Internal - Gap | |
| PSAP_1 @GRIM ES.BVC OG.TX | GRIMES COUNTY SHERIFFS OFFICE | GRIMES COUNTY SHERIFFS OFFICE | 911@grime s-co- so.bvcog.91 1.texas.gov | | 936-873-2151 | TX | US | Boundary - Internal - Gap | |

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9-1-1 EGDMS GIS Data Upload Report - TX - CSEC

| ESUnqID | DisplayName | AgencyID | Route | ServiceURN | ServiceNumber | State | Country | Error | Comments |
|--|---|---|---|------------|----------------|-------|---------|-------------------------------------|----------|
| PSAP_8 000000 01@HO USTON. DETCO G.TX | HOUSTON CO SO | | | | | TX | US | Boundary - Internal - Gap | |
| PSAP_7 @LIME STONE. HOTCO G.TX | Limestone | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| PSAP_1 @ROBE RTSON. BVCOG. OFFICE TX | ROBERTSON COUNTY SHERIFFS OFFICE | ROBERTSON COUNTY SHERIFFS OFFICE | 911@robert son-co- so.bvcog.91 1.texas.gov | | 979-828-3080 | TX | US | Boundary - Internal - Overlap | |
| PSAP_2 @LEON .BVCOG .OFFICE .TX | LEON COUNTY SHERIFFS OFFICE | LEON COUNTY SHERIFFS OFFICE | 911@leon- co- so.bvcog.91 1.texas.gov | | 903-536-2749 | TX | US | Boundary - Internal - Overlap | |
| PSAP_5 @FREE STONE. HOTCO G.TX | FREESTONE COUNTY | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| PSAP_2 @MADI SON.BV COG.TX | MADISON COUNTY SHERIFFS OFFICE | MADISON COUNTY SHERIFFS OFFICE | 911@madis on-co- so.bvcog.91 1.texas.gov | | (936) 348-2755 | TX | US | Boundary - Internal - Overlap | |
| PSAP_7 @FALLS .HOTCO G.TX | FALLS COUNTY | HOTCOG.TX | | | | TX | US | Boundary - Internal - Overlap | |
| PSAP_8 000000 01@HO USTON. DETCO G.TX | HOUSTON CO SO | | | | | TX | US | Boundary - Internal - Overlap | |

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