

2018-76

GEQCOMM	Work Order # 20180920 – KCNE Regional GIS Data Hub September 20, 2018
	Keith County, Nebraska Laurie Hood, Interim Director 501 N Spruce Street Ogallala, NE 69153 Phone (308) 284-2011 lhood@keithcountyne.gov
Geo-Comm, Inc. 601 W. Saint Germain St. St Cloud, MN 56301 Phone (320) 240-0040 Fax (320) 240-2389	

Description	Total Price
Project Initiation and GIS Data Setup	\$736
Year One Annual Recurring Cost	\$3,009
Year Two Annual Recurring Cost	\$3,009
Year Three Annual Recurring Cost	\$3,009
Total:	\$9,763

Geo-Comm, Inc. (GeoComm) will add Keith County to the South Central Nebraska 9-1-1 Region GIS Data Hub system. GIS data submitted will process through the GeoComm GIS Data Hub, issue quality reports based on this analysis, and aggregate the data into one regional dataset for consumption in the PSAP mapping applications. The regional data set will also be capable of output to the Nebraska Public Service Commission for inclusion in the future statewide NG9-1-1 program.

A full scope of work is attached to this Work Order as Exhibit A. Keith County responsibilities are attached to this Work Order as Exhibit B.

Keith County agrees to pay GeoComm \$9,763 plus any sales tax upon project completion.

Agency: Keith County, Nebraska
Agency PO# (if required by Customer)
Print Name: <i>Lonnie J Peters</i>
Signature: <i>Lonnie J Peters</i>
Date: <i>12-19-2018</i>

Exhibit A – Scope of Work

GeoComm will add Keith County to the South Central Nebraska 9-1-1 Region GIS Data Hub system. GIS data submitted will process through the GeoComm GIS Data Hub, issue quality reports based on this analysis, and aggregate the data into one regional dataset for consumption in the PSAP mapping applications. The regional data set will also be capable of output to the Nebraska Public Service Commission for inclusion in the future statewide NG9-1-1 program. This GIS data submission and review process will be conducted monthly.

Our professionally certified GIS Project Managers have assisted many 9-1-1 authorities with implementing similar multi-agency regional efforts in analysis and aggregation for their public safety systems. As such, we have organized a sound approach to ensure the process maximizes available resources with minimal effect on day-to-day operations, while maintaining industry standards.

Our proven project approach is to divide the work into phases as outlined below:

- Phase One: Project Initiation
- Phase Two: GIS Data Hub Analysis and Aggregation

Phase One: Project Initiation

GeoComm's GIS team will contact Keith County's point of contact to review the project and request the County's GIS dataset, Automatic Location Identification (ALI) and Master Street Address Guide (MSAG).

Phase Two: GIS Data Hub Analysis and Aggregation

Initial Data Load and System Configuration

Prior to Keith County having their data processed in the GIS Data Hub for quality control (QC) and quality reporting functions, GeoComm will work with Keith County to load and configure the County's GIS data in the system which includes field mapping of the data. Before Keith County leverages the application, GeoComm will configure the number and type of GIS Data Hub QC checks based on the County's requirements and the State of Nebraska NG9-1-1 data standards.

Ongoing QC Reporting

After Keith County's GIS data is uploaded, it will run through the QC checks configured during initial data load and configuration, and aggregated, and data quality results will be compiled. Issues detected will be referred to Keith County or their public safety GIS data maintenance provider for resolution. At a high-level, Keith County will interact with GeoComm in the following fashion:

- Up to monthly, Keith County will upload their GIS data, MSAG, and ALI (if available)
- GeoComm will perform QC checks on the submitted data
- Data quality reports will be delivered back to Keith County
- Keith County will correct the GIS data errors outlined in the data quality reports provided by the system and resubmit the updated data
- Each month the data will be aggregated and issued back to Keith County in a cohesive and regional dataset

This same process will be followed for ongoing GIS data submissions after the initial data load, resulting in a continuous feedback loop of GIS data updates from Keith County of South Central Nebraska 9-1-1 Region, GIS data quality measurements and reporting, and GIS data aggregation.

Note: GeoComm will be resolving errors detected in South Central Nebraska Regional 9-1-1 Board's GIS data for Keith County as Keith County is an existing GeoComm maintenance customer.

Data Availability

Keith County's data will be continually available for download in its existing projection and data structure. Data will be downloadable as an Esri shapefile or file geodatabase.

Note: Though data may be downloaded at any point, the data will be updated within the system on an up-to-monthly basis.

Exhibit B – Customer Responsibilities

It is requested that Keith County provide the following project support:

- Assist in coordinating and attend scheduled conference calls or on-site meetings as applicable
- Provide pertinent project information and documentation
- Provide a single point of contact at Keith County, available for communication throughout the project
- Provide existing GIS data in Esri format, including map projection information