TO BE COMPLETED BY THE LOCAL ENTITY

NG9-1-1 GIS DATA REMEDIATION SERVICES REQUIREMENTS:
The local entity must provide a brief description of the services required of the contractor below:

INTRODUCTION/OVERVIEW:
Paisley County is updating our 911 capabilities to meet NG911 Standards. A key component in the implementation of the NextGen911 system is the standardization of GIS data used, which is intended to increase the accuracy of routing 911 calls and validating the location of 911 callers. This project is to enhance the accuracy and completeness of the geographic information system (GIS) database and Master Street Address Guide (MSAG) database and to perform synchronization of the GIS database layers with the MSAG and Automatic Location Information (ALI) databases Paisley County is 350 square miles and is located along the beautiful Missouri River.

PROJECT GOALS AND OBJECTIVES:
Paisley County seeks a GIS vendor to update our GIS data to NG911 Standards. We want our data to meet the Missouri NG911 GIS standards and be quality data that will serve the needs of the citizens of Paisley County.

REQUIREMENTS/TASKS:
Missouri NG911 GIS Data Standard Compliance, Attribute Data Standardization, and Geospatial Data Validation
1. *Road Centerlines – modify and update to meet standard*
2. *Address Points – modify and update to meet standard*
3. *PSAP Boundary – create GIS Data for PSAP Boundary*
4. *Provisioning Boundary – create GIS Data for Provisioning Boundary*
5. Emergency Service Boundaries
    a. law enforcement – update Boundary
    b. fire/rescue – create Boundaries
    c. emergency medical services – create Boundaries
6. *Incorporated Municipality Boundaries -*
7. *County Boundaries*

The purpose of this project is to standardize the information Pasiley County has directly in relation to and in conformity with the NextGen911 project. As such, the Vendor shall perform all the following:
A. Obtain ALI and MSAG data from the County;
B. Perform a detailed review of the GIS recommendations report from Missouri NG911 GIS Project and Gap Analysis Report;
C. Perform a detailed review of the errors listed in Quality Control (QC) Fallouts, or error reports, from Missouri NG911 GIS Project and Gap Analysis Report;
D. Import worksheets from the QC Fallout spreadsheet and relate to their corresponding GIS data to be used to easily identify which features did not meet the necessary criteria;
E. Review and conform data so that it matches schema requirements and data accuracy standards as described in the Missouri NG911 GIS Standards
b. Ensure all data is critical error free and at or above 98% compliant with county ALI data;
c. Correct as many non-critical errors as possible with the goal to achieve 100% accuracy;
F. Ensure all data meets the MO NG911 GIS standard as well as the NENA standard for NGUIDs;

G. Ensure all records in ALI data match addresses and fit properly within address range attributes on road centerlines;

H. GIS data will include, but not be limited to, the following data layers: site/structure address points, street centerlines, provisioning boundary, PSAP boundary, County boundary, Fire boundary, EMS and Law boundaries, municipalities (i.e., ESN, MSAG, and ALI);

I. Work directly with MSAG provider to incorporate and update MSAG data;

J. Fully incorporate MSAG data into GIS format, resolving differences in a manner consistent with NG911 standards and ordinances;

K. Track all record changes and identify any modification which would change a street name, address, or other record that would require public notification;

L. Document any NG911 errors that could not be resolved through the cleanup process Provide all updates and reports required by any potential grants that the county may receive;

O. Perform timely submission of data to Validation and Aggregation Portal

PSAP GIS Operations and Maintenance Workflow Requirements
The contractor shall assess and document the local entity's PSAP GIS operations and maintenance workflow as outlined in the RFP.

(This section defines the tasks that the contractor must complete for the project. This section should provide a detailed itemization and description of all of the project tasks which shall be completed by the contractor (i.e. project work), including requirements for and specified frequency of any required status reports)

DELIVERABLES:
(This section should clearly state what the contractor must deliver)

GIS data that meets the Missouri NG911 Standards and provide report on PSAP GIS Operations and Maintenance Workflow.

LOCAL ENTITY TASKS and/or RESPONSIBILITIES:
(This section should include Local Entity furnished data, property, and/or place of performance)

The Paisley County Planning Office is responsible for the county GIS data.

PROJECT CLARIFICATIONS:
(This section should include Local Entity special information necessary for the contractor to provide an appropriate PAQ response, i.e. GIS data exists, no GIS data exists, paper maps only, maintenance frequency of any existing GIS data, etc.)

Mandatory Deadline(s): February 1, 2024

| Estimated Project Start Date: 12/9/2023 | Estimated Project End Date: 12/31/2023 |