



STAFF REPORT

MEETING DATE: December 4, 2023

MEETING TYPE: City Council Regular Meeting

SUBMITTED BY: Katherine Lindsey

AGENDA CAPTION: Discuss and consider Resolution R2023-1158 OF THE CITY COUNCIL OF THE CITY OF HUTCHINS, TEXAS, APPROVING AND AUTHORIZING THE CITY ADMINISTRATOR TO NEGOTIATE AND EXECUTE THE TERMS AND CONDITIONS OF THE AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES ON A TASK ORDER BASIS BETWEEN THE CITY OF HUTCHINS AND HALFF ASSOCIATES, INC. TO SUPPORT THE CITY'S NEEDS FOR PUBLIC SAFETY MANAGEMENT AND COMMUNICATIONS, MISCELLANEOUS GIS DATA, MAPS AND FUNCTIONALITIES AND OTHER GENERAL GIS REQUESTS AND SUPPORTS; AND PROVIDING FOR AN EFFECTIVE DATE.

Background Information

Last fiscal year, Halff Associates created a GIS (Geographical Information System) database which focused on data related to Public Works. This database provides data maps to both the public and secure information for staff. A new GIS project was included in the FY 2023-2024 budget to add map layers pertaining to public safety. The Police and Fire Departments have a need for accessing accurate maps when responding to emergency calls. There is also a need for mapped public safety data such as report history, crime, fire calls, and traffic accidents.

In this project, Halff will update the City's existing GIS data including streets, address points, city facilities, and emergency medical services (EMS) areas provided by the City. This information can be used to inform third-party 911 mapping systems to help ensure that emergency responders arrive at the correct address.

Halff will map City provided public safety data such as crime, fire calls, traffic accidents, etc. Mapping historical calls for service can help prepare responders to know what to expect upon arrive, and provide data to help inform traffic safety decisions.

The updated and newly developed public safety GIS data will be presented to the City for comment to ensure the required data and information are properly represented. Halff will address the City's comments and integrate the updated and newly developed public safety GIS data into the City's Enterprise GIS database. Halff will review the updated and newly developed public safety GIS data and develop public safety GIS web map layers. Halff will add these web map layers to the City's existing public and/or secured web maps or create new public and secured web maps per City's guidance.

Budget Implications

The contract amount of \$37,400 was included in the approved FY 2023-2024 Budget.

Operational Impact

The GIS Public Safety Project will help improve emergency response, serve as a tool for data analysis, and allow for future data integration.

Legal Review

The contract and resolution were approved by the City Attorney.

Staff Recommendation

Staff recommends that the City Council approve the contract pertaining to the GIS Public Safety Project.

Supporting Documentation and Attachments

1. Resolution
2. Contract