



Information Technology

Plaza Fiber Installation

City Council

November 14, 2022

Fiber Installation

To improve security, wireless guest network access, and network connectivity for the Plaza, Ellison, and the Historic Buildings.

BTX-IT is recommending the installation of a fiber network path(s) and networking hardware that will allow BTX-IT to install wireless access points and security cameras in the plaza area and eliminate internet costs for the Ellison and Historic building.



Fiber Installation

The fiber path will also improve the network functionality of the recently purchased PIO cameras and prevent wireless interference by hardwiring the cameras.

This work will also future-proof the plaza by having network paths that are not dependent on the current city hall facility.

Fiber Installation

BTX-IT selected Polarity Networks due to the previous implementation work they have completed for the city and are already being mobilized to complete the Ellison Fiber Connection to City Hall, which we believe will lead to a reduced cost and faster completion of work by using them through the Interlocal Purchasing System (TIPS) contract.

This project will be funded by Hot/Mot. Due to a needed funding adjustment for the West Parking lot project, the requested amount of funds will be added to that amendment once the cost for the parking lot is finalized.

Fiber Path Installation

Staff Recommendation:

- Approve the resolution to authorize a contact Polarity Networks for installing a fiber network path in the Mayor Vera Calvin Plaza through a cooperative purchasing agreement with The Interlocal Purchasing System (TIPS) contract in the amount not to exceed \$87,337.43, TIPS Contract #211001-3132.

Questions / Comments

