



INSTALLATION OF FIBER TO THE ROSA HEREFORD COMMUNITY CENTER

RS-24-039

February 20, 2024

Background

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- The Rosa Hereford Community Center was connected by a 50-megabit wireless point to point service from the Central Fire Station
- Fiber optic technology presents numerous advantages over traditional internet connectivity, offering faster speeds, increased reliability, and higher bandwidth capabilities
- By installing fiber optic cables at the Rosa Hereford Community Center, we aim to bring these advantages to our community and better serve the diverse needs of our residents

Background

Below are the key reasons and benefits that support the installation of fiber optic infrastructure at the Rosa Hereford Community Center:

- **Enhanced Connectivity:** Fiber optic technology will provide faster and more reliable internet access, facilitating seamless communication, and improved connectivity for residents utilizing the community center's facilities.
- **Improved Services:** The upgrade will enable the community center to offer enhanced services such as online learning programs, video conferencing capabilities, and various digital resources that rely on high-speed internet connectivity.
- **Long-Term Cost Efficiency:** While the initial installation costs may be substantial, fiber optic infrastructure is a long-term investment that ultimately reduces maintenance expenses and ensures a reliable, future-proof solution for years to come.

Background

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- ❑ The Information Technology department selected J.C. Communications to install the fiber due to their previous implementation work they have completed for the city
- ❑ J.C. Communications is a preferred fiber installer for the installation of a fiber network patch to the Rosa Hereford Community Center in an amount not to exceed \$129,106.84 on the Texas Directory of Information Resources (DIR) CPO-4785

Recommendation

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- Staff recommends that the City Manager or his designee be authorized to contract with J.C. Communications for the installation of a fiber network patch to the Rosa Hereford Community Center in an amount not to exceed \$129,106.84 using the Texas Department of Information Resources (DIR) CPO-4785 contract