



Legislation Text

File #: 24-0137, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of JOC Procurement 19-013.2.A.00-NS, Naper Settlement Sitewide Fiberoptic Improvement, to ROBE Construction, Inc. for an amount not to exceed \$628,600.74

DEPARTMENT: Naper Settlement

SUBMITTED BY: Harriet M. Pistorio, Chief Operating Officer

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

The implementation of fiber optics holds immense potential for revolutionizing digitization for Naper Settlement, with the inclusion of improvements to the electrical system, communications, and electronic safety and security.

Sitewide fiber optics refers to a network infrastructure setup where fiber optic cables are deployed throughout an entire site or premises. This comprehensive network layout enables the transmission of data, voice, and other communication signals across various locations within the site. Utilizing fiber optic cables offers several advantages over traditional copper wiring, including higher bandwidth capabilities, faster data transmission speeds, and greater reliability over longer distances.

In January 2024, Naper Settlement issued JOC Procurement 19-013.2. A.00-NS, Naper Settlement Sitewide Fiberoptic Improvement to ROBE Construction, Inc.

DISCUSSION:

Naper Settlement Staff has identified an approved JOC Contract 1505 through ROBE Construction, Inc., for the procurement of the Sitewide Fiberoptic Improvement Project.

Naper Settlement is utilizing JOC for this procurement due to the design build nature of the project.

The Sitewide Fiberoptics Improvement CIP will upgrade all necessary cabling, fiber optics equipment, technology, and systems for communication as well as a closed loop system on the 13 acres at Naper Settlement. The upgrades will include adding interconnections while also implementing upgraded networking hardware to support the digitization of the network at Naper Settlement.

Naper Settlement and City Finance Department asked City Electrical to review the JOC proposal and found that proposed costs are competitively priced and overall proposed products are quality components. The directional bore will utilize HDPE conduit with SYSTIMAX TeraSPEED SM fiberoptic cable at an estimated total length of 7,000, which is inclusive of 20 buildings in the network at an estimated 350 feet per run.

The term of the contract is from April 1, 2024, to December 31, 2024.

FISCAL IMPACT:

CIP #: NS067

The Naper Settlement Sitewide Fiberoptic Improvement project is expensed to the Technology account listed below. The 2024 budget includes \$632,000 in the City's Capital Projects Fund for this project, and the requested award can be

accommodated within the budget.

Account Number	Fund Description	Total Budget Amount
51342200-551504	Capital Projects Fund	\$632,000