



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 6.e

Title:

Recommendation to Approve Purchase Order to Electric Conduit Construction for Fiber Optic Cable Installation

Presenter:

Tom Bruhl

Meeting: Government Services Committee

Date: April 23, 2018

Proposed Cost: \$65,915.52

Budgeted Amount: \$70,000

Not Budgeted:

Executive Summary *(if not budgeted please explain):*

Purchasing received three bids for fiber optic installation from the Public Works Garage to Dukane Drive Substation and from Public Works to the Division Lift Station. The scope of work includes installing new pole attachments and pulling overhead and underground fiber to facilitate a modernization by the City. This was bid as a lump sum project. The mostly overhead run between Public Works and Dukane Drive Substation, is a major part of the City's backbone network. It was installed in 2000 and is reaching the end of the planned 20 year useful life. Additionally, it is only a 48 count fiber. The new fiber will be 144 count and will support separating the City network, Electric SCADA, and Environmental Services SCADA onto separate fibers to enhance cyber security. The run to the Division Lift Station improves the Environmental Services SCADA communication system.

The low bidder was Electric Conduit Construction and staff verified that all required elements were included in their bid.

Attachments *(please list):*

* Bid Tabulation

Recommendation/Suggested Action *(briefly explain):*

Recommendation to award Purchase Order with Electric Conduit Construction for Fiber Optic Cable Installation from Public Works Garage to Dukane Drive Substation & Division Lift Station in the amount of \$65,915.52.

Bidder	MP Systems	Archon	Hooper	J.F. Electric	Electric Conduit	Henkels & McCoy
Fiber1 - LS PW to Sub 5	No Bid	No Bid	\$67,691.23	No Bid	\$42,536.96	\$72,975.00
Fiber2 - LS PW to Lift Station	No Bid	No Bid	\$23,493.67	No Bid	\$15,951.36	\$25,550.00
Fiber3 - T&E Rate/hour	No Bid	No Bid	\$494.02	No Bid	\$339.20	\$500.00
Fiber4 - T&E OT Rate/hour	No Bid	No Bid	\$628.70	No Bid	\$508.80	\$680.00
Fiber5 - T&E 2X Rate/hour	No Bid	No Bid	\$763.36	No Bid	\$678.40	\$858.00
Fiber6 - Mobilization	No Bid	No Bid	\$750.00	No Bid	\$2,713.60	\$1,000.00
Fiber7 - Demobilization	No Bid	No Bid	\$750.00	No Bid	\$2,713.60	\$1,000.00
Contingency			\$2,000.00		\$2,000.00	\$2,000.00
Total Cost Fiber Install			\$94,684.90		\$65,915.52	\$102,525.00