



CITY OF WAUKESHA

Administration

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Committee: Board of Public Works	Date: 2/8/2018
Common Council Item Number: ID #18-0150	Date: 2/22/2018
Submitted By: Fred Abadi, Director of Public Works	City Administrator Approval: Kevin Lahner, City Administrator
Finance Department Review: Rich Abbott, Finance Director RA	City Attorney's Office Review: Brian Running, City Attorney
Subject: Review and act on Contract Change Order No. 2 with Zenith Tech, Inc. for the W. Sunset Drive Sewer and Traffic Signal Improvement project.	

Details:

Contract Change Order No. 2 is for additional work performed for the W. Sunset Drive Sewer and Traffic Signal Improvement project awarded to Zenith Tech, Inc. Description of changes:

Installation of Manhole Structure at W. Sunset & Grand Intersection

During construction of the 18-inch sanitary sewer, the contractor encountered an existing storm water utility structure that prohibited the construction of the sanitary sewer and needed to be removed. The existing storm structure and pipes were removed. A new storm manhole structure was installed since the old structure could not be reused. This cost is consistent with the expected item cost had it been originally included.

Payment: One 6-Ft. Dia. Manhole = 1 @ \$4,400.00 / each. **\$4,400.00**

Additional Concrete Pavement, Curb and Gutter, and Sidewalk

During the construction of this project, additional poor condition concrete pavement and curb and gutter was encountered throughout the project. To take advantage of the lane closures and traffic control, the City requested more removal and replacement of concrete at contract prices.

Item No. 18 – Additional Sq. Ft. of Concrete Pavement Removal and Replacement

Payment: 10,111 Sq. Ft. @ \$5.65 / Sq. Ft. **\$57,127.15**

Item No. 20 – Additional feet of Curb & Gutter Removal and Replacement

Payment: 452 Feet @ \$42.00 / Ft **\$18,984.00**

Item No. 21 – Additional Sq. Ft. of New 4-Inch Concrete Walk & Curb Ramps

Payment: 2,348 Sq. Ft. @ \$5.25 / Sq. Ft. **\$12,327.00**

Additional Monotube Signal Arm 30-Ft at W. Sunset & West Avenue



Part of this project was to modify a traffic signal pole and arm at the intersection of W. Sunset & S. West Avenue which is located 600 feet west of the W. Sunset & S. Grand project. During the replacement of the traffic signal arm, it was discovered that the existing arm, meant to be reused, was not the correct design for the newly replaced pole. An additional signal arm that is 30-foot long was required and paid at contract prices.

Payment: 1 Additional 30-Ft monotube signal arm = 1 @ \$3,285.00 / each. **\$3,285.00**

Grand Total for all extra **\$96,123.15**

Liquidated Damages

The contractor has not performed per the contract to keep working every day. The contractor left the site for 6 weeks. The contract completion date for the project was October 22, 2017. The project was reopened to traffic on December 22, 2017 and shutdown for winter. Liquidated damages will be addressed at the time of final payment with another change order. The final restoration of the site with sod will need to be installed in Spring of 2018 with warmer weather.

Options & Alternatives:

When additional pavement in poor condition was encountered, the City took advantage of the roadway lane closures and mobilized contractor to complete all the remaining failed concrete pavement and curb and gutter in the project area. To complete this work at a later date would cost approximately \$50,000 more for remobilizing and traffic control. Also, the traveling public would have additional hardship with another project.

Financial Remarks:

PO# 170256-01

Original Contract: \$524,282.05

Change Order No. 01: \$31,561.80

Change Order No. 01 Adjusted Contract: \$555,843.85

Change Order No. 02: \$96,123.15

Total Contract after Change Order No. 02 - \$651,967.00

Traffic Signal Upgrade Acct # 0052-68290 - \$3,285.00

Sewer Improvement Acct # 7399-68290-71480 - \$35,711.00

Concrete Patching Acct # 2007-68290 - \$57,127.15

Executive Recommendation:

Recommend approval of Contract Change Order No. 02 with Zenith Tech for the W. Sunset Drive Sewer and Traffic Signal Improvement project.