



CITY OF WAUKESHA

Administration

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| Committee: Board of Public Works | Date: 12/21/2017 |
| Common Council Item Number: ID# 17-1804 | Date: 1/4/2018 |
| 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 BR |
| Subject: Review and act on revised Contract Change Order No. 2 with Zignego Company, Inc., for the West Waukesha Bypass (Meadowbrook Road) Utility and Street Improvements – Concrete Pavement project. | |

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| <p>Details:</p> <p>This Contract Change Order explains additional work to be completed by Zignego Company, Inc.</p> <p>Description of project changes: <u>Miscellaneous Roadwork Items:</u></p> <ol style="list-style-type: none"> <u>Extra No. 8 Repair of east side retaining wall fence</u> Description: Additional work was requested for the repair of the existing retaining wall fencing on the east side of Meadowbrook Rd. The retaining wall fencing on the east side of Meadowbrook Rd. is currently falling down, and in poor condition. The east side fencing would be repaired to proper condition to ensure public safety. 160 LF @ \$40.21/LF <u>\$ 6,433.60</u> <u>Extra No. 9 Temporary Epoxy Pavement Markings 4-Inch</u> Description: Additional roadway work was requested for the placement of temporary 4-Inch Epoxy pavement markings in areas that the original plan called for 4-Inch contrast tape pavement markings. Due to the late season construction of this project, temperatures had dropped below the manufacturers minimum placement temperatures for the 4-Inch contrast tape. Temporary Epoxy pavement markings were placed in lieu of the contrast tape markings which will be placed during warmer temperatures in the spring of 2018. 1,426.5 LF @ \$0.83/LF <u>\$ 1,184.00</u> |
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3. Extra No. 10 Temporary Epoxy Pavement Markings 8-Inch

Description: Additional roadway work was requested for the placement of temporary 8-Inch Epoxy pavement markings in areas that the original plan called for 8-Inch contrast tape pavement markings. Due to the late season construction of this project, temperatures had dropped below the manufacturers minimum placement temperatures for the 8-Inch contrast tape. Temporary Epoxy pavement markings were placed in lieu of the contrast tape markings which will be placed during warmer temperatures in the spring of 2018.

1,527.0 LF @ \$1.49/LF \$ 2,275.23
Subtotal \$ 9,892.83

Miscellaneous Flood Mitigation Items:

1. Extra No. 11 Extra Ditch Grading Work at Structure #9 Outfall

Description: Additional work was requested for the grading of the easting drainage ditch east of the structure #9 outfall. After the completion of the storm sewer structures in this area, it was discovered the existing elevation of the drainage ditch was 2' higher than the original plan elevation. The 2' elevation difference required additional grading length to remove the difference, and achieve positive drainage along the ditch.

Lump Sum \$ 3,977.92

2. Extra No. 12 Storm Sewer Concrete Collars

Description: Additional work was requested to place storm sewer concrete collars at 4 locations throughout the project. The bid item for storm sewer concrete collars was not included within the contract, however, the cost for the 4 concrete collars is consistent with the expected item cost had it been originally included.

Lump Sum \$ 2,075.76

3. Extra No. 13 Erosion Mat Class I Type A

Description: Additional work was requested to place erosion matting within areas of Meadowview Park that the original plan called for mulching as the erosion control practice. Due to the late season work of this project, mulching would not have provided sufficient erosion control through the winter months, and in turn, jeopardizing the adjacent bio-filtration basin to erosion contamination. The change to erosion matting will provide sufficient erosion control through the winter, and allow establishment of vegetation in the spring months.

7,672.6 @ \$1.25/SY \$ 9,590.75
Subtotal \$ 15,644.43

Total Amount of this Change Order \$25,537.26

Contract Completion Date Extension:

Delay in the letting of the Waukesha County/WisDOT adjacent West Waukesha Bypass Project delayed the start of the project by 26 Days. There are also items within the contract that require maintenance activities over 3 years after substantial completion of the project. The below timeline incorporates the 26-day delay in the project start, as well as, accounting for the 3-year maintenance items:

The substantial completion date for this Contract shall be Wednesday, December 13, 2017.
The completion date for this Contract shall be Sunday, December 13, 2020.

Options & Alternatives:

There were no other feasible alternatives. The work was time sensitive and must be completed with this contract.

Financial Remarks:

Original Contract: \$4,538,920.34

Contract Prior to this Change Order: \$4,547,312.77

Account # 2004-68290 for Road \$ 9,892.83

Account # 0041-68290 for Flood Mitigation \$15,644.43

Contract Change Order #02: \$25,537.26

Total Contract Amount after Change Order #2 = \$4,572,850.03

Executive Recommendation:

Recommend approval of Contract Change Order #2 with Zignego Company, Inc., in the amount of \$25,537.26 for West Waukesha Bypass (Meadowbrook Rd.) Utility and Street Improvements.