



CITY OF WAUKESHA

Administration

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Committee: Board of Public Works	Date: 11/9/2017
Common Council Item Number: ID# 17-1617	Date: 11/21/2017
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. 4 with Super Western, Inc., for E. Sunset Drive Utility and Street Improvements project.	

Description: Description of changes for Project A (City)	
<u>Poor Subgrade Soils:</u> A project, the contractor encountered poor subgrade soils in the roadbed area which required additional Tons of Excavation below subgrade.	
- Item No. 17, increased by 1,687.55 Ton @ \$18.85 / Ton	= \$31,810.32
<u>Embankment Stabilization per DNR:</u> As part of the project, the contractor culvert outfalls were extended and areas around them were graded. In response to field visits by the DNR, more light and medium rip rap was required to stabilize all embankments per DNR requirements.	
- Item No. 7, Riprap Light, increased by 151 CY @ \$55.25 / CY	= \$ 8,342.75
- Item No. 8, Riprap Medium, increased by 199.39 CY @ \$53.70 / CY	= \$10,707.24
- Item No. 10, increased by 2,100 SY @ \$1.35 / SY	= \$ 2,835.00
Subtotal	\$21,884.99
<u>Winter Shut Down Extra Work:</u> Due to unforeseen project delays including watermain replacement and contaminated soils, the project was suspended for the winter and resumed in Spring 2017. In order to shut down for winter, more traffic control and temporary markings were required to provide a safe roadway, temporary pavement marking for a safe road during winter. In the spring of 2017, extra pavement removal (milling) was required to prepare the road for median construction and final pavement. The Waukesha Water Utility will reimburse the City for half the Winter Shut Down Expenses.	
- Item No. 1 was increased by 0.14 Lump Sum @ \$85,050 LS	= \$11,907.00
- Item No. 25, HMA E3 19.0mm, increased by 144.20 Ton @ \$47.70	= \$ 6,878.45
- Item No. 26, HMA E3 12.5mm, increased by 111.58 Ton @ \$53.10	= \$ 5,924.71



- Item No. 12, Pavement Remove, increased by 987 SY @ \$2.35	= \$ 2,319.45
- Item No. 77, 4-Inch Yellow, increased by 1,189 LF @ \$0.37	= \$ 439.93
- Item No. 78, 12-Inch Yellow, increased by 510 LF @ \$4.75	= \$ 2,422.50
Subtotal	\$ 29,892.04

Additional Milling and Surfacing at the project limits::

The west end of the project and Gramling Ln. match points required additional milling to better blend with the existing roadway. Additional surface was also required.

- Item No. 12, Pavement Remove, increased by 540 SY @ \$2.35	= \$ 1,269.00
- Item No. 25, HMA E3 19.0mm, increased by 52.02 Ton @ \$47.70	= \$ 2,481.35
- Item No. 26, HMA E3 12.5mm, increased by 41.13 Ton @ \$53.10	= \$ 2,184.00
- Item No. 27, HMA E3 9.5mm, increased by 70.12 Ton @ \$55.90	= \$ 3,919.50
Subtotal	\$ 9,853.85

Adjustment to the Median and Stamped Concrete:

The size and shape of the open planter beds in the median were adjusted in the field to reduce the size and better accommodate light bases, drainage and allow space for maintenance workers.

- Item No. 33, increased by 732 SF @ \$10.00 / SF	= \$ 7,320.00
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Grand total of changes in Project A	= \$100,761.20

Description of changes for **Project B** (WisDOT)

Revisions to Traffic Control Items:

During the course of the project, additional traffic control equipment was required in order to provide a safe work zone. Project B traffic control is paid for by various items that needed to be adjusted for the extra quantity.

- Item No. 643.0300, Drums increased by 536 EA @ \$18.00	= \$ 9,648.00
- Item No. 643.0420, Ty 3 Barricades increased by 24 EA @ \$37.50	= \$ 900.00
- Item No. 643.0900, Signs increased by 70 DAYS @ \$30.00	= \$ 2,100.00
Subtotal	\$ 12,648.00

Additional Concrete Pavement:

The concrete pavement limits were adjusted based on field conditions. Additional deteriorated concrete was removed and replaced.

- Item No. 611.8110, Concrete Pavement 9-Inch Doweled, increased by 188 SY @ \$38.00 / SY	= \$ 7,144.00
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Reconstruct Inlets:

The contractor encountered 4 drainage inlets that were deteriorated and could not be adjusted as planned. Unit price of \$1,200 each was based on a statewide average for this work item.

- Reconstruct Inlet, 4 Each @ \$1,200.00 / Each	= \$ 4,800.00
Grand total of changes in Project B*	= \$ 24,592.00

Note: * WisDOT is responsible for the project costs of Project B and will reimburse the City for their portion.

Total Amount of this Change Order (Project A + Project B) **\$125,353.20**

Options & Alternatives:

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

Financial Remarks:

Original Contract: \$1,786,465.50

Contract Amount Prior to this Change Order: \$1,976,423.66

Contract Change Order No.4 - Total Expense: \$125,353.20

Account 2004-68290 for Major Roadway Reconstruction: \$110,407.14

Account 7399-68290-71430 for Water: \$14,946.06

Contract Amount after Change Order 4: \$2,101,776.86

Executive Recommendation:

Recommend approval of Contract Change Order No. 4 with Super Western, Inc., in the amount of \$125,353.20