



CITY OF WAUKESHA

Administration

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Committee: Board of Public Works	Date: 1/23/2020
Common Council Item Number: ID #20-0004	2/4/2020
Submitted By: Fred Abadi, Director of Public Works	City Administrator Approval: Kevin Lahner, City Administrator
Finance Department Review: Rich Abbott, Finance Director	City Attorney's Office Review: Brian Running, City Attorney
Subject: Review and act on Contract Change Order No. 3 with Super Western, Inc., for the Northview Road Phase 2 & Meadowview Park Improvements-Concrete Project.	

Details: This Contract Change Order explains additional work to be completed by Super Western, Inc.:	
During the contract work on the project, extremely poor subgrade materials were encountered and required excavation during the final roadway grading work. This additional excavation and aggregate was necessary to create a roadway base that will properly support the new roadway.	
<u>Additional Aggregate Material Items:</u>	
1. <u>Increase of quantity for Bid Item #27 – Crushed Aggregate Base Course, 1-1/4”</u> Description: Additional base course material was placed in conjunction with the increased locations of poor subgrade materials within the roadway, and in locations of poor subgrade encountered along isolated sections of sidewalk.	
2,065 TON @ \$16.00/TON	<u>\$ 33,040.00</u>
2. <u>Increase of quantity for Bid Item #28– Crushed Aggregate Base Course, Gradation No. 5 (Breaker Run, Includes EBS)</u> Description: Additional areas of poor subgrade soils were excavated and replaced with the breaker run material to provide an appropriate foundation for the new pavement structure.	
3,398.4 TON @ \$21.00/TON	<u>\$ 71,366.40</u>
	Subtotal <u>\$ 104,406.40</u>



Additional storm sewer work was also completed in three locations along the project where unexpected existing conditions forced the adjustment of the project's storm sewer design.

Additional Storm Sewer Items:

1. Extra No. 9 Adjustment of 24"x38" and 18" End Sections
 Description: An adjustment was required of the 24"x38" and 18" culvert connections near Meadowview Park to accommodate the proposed ditch line alignment, profile and culvert connection from the bio-filtration basins within Meadowview Park.
 Lump Sum \$ 2,219.92

2. Extra No. 10 6-Inch Roadway Underdrain
 Description: In conjunction with the poor subgrade soils that were encountered, in the Pebble Creek area, a large volume of groundwater was encountered during excavation for the new roadway foundation. In order to control this water, and prevent oversaturation of the roadway base layers, 6-Inch underdrain was installed to convey this water to the new storm sewer system and then ultimately to Pebble Creek.
 Lump Sum \$ 5,059.01

3. Extra No. 11 Adjustment of CB5
 Description: Storm sewer structure CB5 required adjustment to accommodate a City requested change to the type of inlet structure.
 Lump Sum \$ 1,265.00
 Subtotal \$ 8,543.93

Additional roadway work was performed when curb and gutter was added along the north side of Northview Rd. in the location of the Homestead Condos. Due to the steep grade adjacent to the roadway, as a safety precaution vertical face curb and gutter was added to protect vehicles from leaving the roadway and having to traverse a steep grade. The curb and gutter was a cost effective option compared to other roadside vehicle barrier systems.

Additional Roadway Items:

1. Increase of quantity for Bid Item #58 – 30" Type A Concrete Curb & Gutter
 Description: Addition of concrete curb and gutter along the Homestead Condos.
 806 LF @ \$16.00/LF \$ 12,896.00
 Subtotal \$ 12,896.00

Due to the multiple utility conflicts and additional utility contractors located within the project limits, additional work was completed as a direct result of the 3rd party utilities. Additional work was performed for regrading of areas after utility contractors disturbed areas due to their additional relocation work, multiple mobilizations of crews and equipment to work around utility conflicts and contractors, and additional undercutting and slurry backfill was completed in areas of the roadway subgrade that had failed due to additional 3rd party utility work. All of the additional work costs that were directly related to utility impacts were invoiced to the responsible utility company.

Additional Shared Items Related to 3rd Party Utility Work/Conflicts:

1. Extra No. 12 Additional Costs Due to Utility Conflicts

Description: Additional work relating to 3rd party utility conflicts and contractors working with the project limits.

Lump Sum \$ 22,608.80
Subtotal \$ 22,608.80
**Cost invoiced to 3rd party utilities*

During the project within the Meadowview Park site, it was discovered that multiple contract bid items were either not used or only required a reduced quantity. This provided an overall cost savings to the Meadowview Park aspect of the project, and due to this, it was requested by Park/Rec to add paving the path system in HMA pavement as part of this phase of the Meadowview Park Development.

Reduced/Additional Meadowview Park Items:

1. Credit for reduced quantities completed (Various Items) (\$ 47,514.68)

2. Extra No. 13 HMA Pavement 4 LT 58-28 S (Meadowview Paths)

Description: 4-Inch HMA Pavement was placed along the proposed pathways within Meadowview Park.

841.14 TON @ \$86.21/TON \$ 72,514.68
Subtotal \$ 25,000.00

Contract Completion Date Extension:

- Additional contract days due to 3rd party utility delays, last season cold weather, and additional roadway excavation: 31 calendar days.
- New Interim Completed Date for the Northview Road portion of the project: August 3, 2019.
- New Substantial Completion Date for entire project work: August 10, 2019
- Project Final Completion Date (Included 3-year maintenance of Meadowview Park restoration work): August 10, 2022.

Project Penalties:

Even with the unexpected items encountered, and the previously mentioned contract extension, the work within the contract failed to meet the definition of Substantial Completion prior to August 10, 2019. Included within the Contract is a penalty of \$1,000/Day for engineering and inspection services.

1. Extra No. 8 Contract Penalties, Engineering and Inspection Services

Description: The work within the Contract was Substantially Complete 32 days after the proposed extended Substantial Completion Date of August 10, 2019.

32 Days @ \$1,000/DAY (-\$ 32,000.00)
**Credit applied to Road Account*

Total Amount of this Change Order \$ 141,455.13

Options & Alternatives:

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

Financial Remarks:

Original Contract: \$2,705,754.95 (PO #190069)

Contract prior to this Change Order: \$2,779,515.25

Account 2004-68290 for Road\$93,846.33

Account 2004-68290 for Road (Utility Reimbursed).....\$22,608.80

Account 5565-68290 for Meadowview Park Improvements..... \$25,000.00

Contract Change Order No. 3: \$141,455.13

Total Contract Amount after Change Order No. 3 = \$2,920,970.48

Executive Recommendation:

Recommend approval of Contract Change Order No. 3 with Super Western, Inc., for the Northview Road Phase 2 & Meadowview Park Improvements-Concrete Project.