



City of Oregon City

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Staff Report

File Number: 18-269

Agenda Date: 6/6/2018

Status: Consent Agenda

To: City Commission

Agenda #: 8c.

From: Public Works Director John Lewis

File Type: Contract

SUBJECT:

Beavercreek Road Sewer Project Contractor Change Order #4 with K&E Excavating, Inc.

RECOMMENDED ACTION (Motion):

Authorize the City Manager to execute Change Order #4 with K&E Excavating, Inc. in the amount of \$68,031.78 to complete payment for the Beavercreek Road Sewer Project(CI 16-013).

BACKGROUND:

In August 2016, the City executed a Personal Services Agreement (PSA) with Tetra Tech, Inc. to design and prepare contract documents to extend the public sewer in Beavercreek Road from Clackamas Community College to approximately 700' south of the Loder Road intersection. The project consisted of approximately 2,400' of 15" sanitary sewer main in Beavercreek Road, with 12" and 8" service lateral lines at select locations. Construction of the work identified allowed sewer service to reach new residential and campus developments planned along Beavercreek Road.

In August to September 2016, staff solicited bids for the project in accordance with City and State contracting procedures. The project was awarded to K&E Excavating, Inc. with a base bid of \$979,415.00. To date, three Change Orders to the contract have been authorized. Change Orders #1 and #2 relate to night construction. Initially, it was assumed that the project would be built during the day, but after bid award the contractor communicated that traffic control could not accommodate two lanes of daytime traffic, and it was decided the construction should take place at night.

Change Order #1, authorized December 20, 2017, was a net zero-cost change order eliminating selected project elements and adding night construction costs of the sewer main.

Change Order #2, authorized March 19, 2018, was in the amount of \$5,919.30 for extra costs required in the nighttime permanent trench patch and 2" grind and inlay, specifically night asphalt plant fee, flagger station lighting, light towers, and fuel.

Change Order #3, authorized May 14, 2018, was in the amount of \$14,488.25. This change order covered removal of extra concrete road panels and thick asphalt over the amounts anticipated in the contract documents, and an agreed unit price increase for replaced traffic loops, since the amount of loops needing replacement was reduced from 9 to 3. The net total cost of traffic loop

replacement reduced by \$6,221.76.

The proposed Change Order #4 covers closeout costs for the project, which is now complete. The following are primarily overages on unit cost bid items, except the extra video work noted.

- 156 Additional Flagging Crew Hours than bid
- 96 Additional Unit-Days of PCMS messaging signs than bid
- 20 Additional Feet of 15" PVC Sewer Main than bid
- 33 Additional Feet of 12" PVC Sewer Main than bid
- 226 Additional Square Yards of Pavement Restoration Grind and Inlay than bid
- 225 Additional Cubic Yards of Foundation Stabilization than bid
- 123 Additional Cubic Yards of Rock Excavation than bid
- 45 Additional Cubic Yards of Boulder Excavation than bid
- \$1,144.80 for a Video Contractor to provide weekend locates of private manholes needing to be abandoned which were not located by OCPW

Change Order #4 also contains deductions for bid items where original estimated quantity was not expended in the work, including:

- 260 foot reduction in Sanitary Sewer Pipeline Abandonment than bid
- 25 foot reduction in 8" PVC Sanitary Sewer Installation than bid
- 204 square yard reduction in Permanent HMAC Trench Resurfacing than bid
- 6 fewer replaced Traffic Loops than bid

The total contract value with Change Order #4 is \$1,067,854.33. This is a 9% increase over the base bid amount. This project was estimated by the City during biennial budgeting to cost \$1.1 million to construct, and the engineer's estimate for construction of the project was \$1.3 million.

We request the City Manager to authorize this contract change to complete payment for the Beaver Creek Road Sewer Project.

BUDGET IMPACT:

Amount: \$68,031.78

FY(s): 2018

Funding Source: Sewer SDC Fund