



City of Camas
Contract Change Order

Order No. 3 Date February 10, 2016

Contract for WS-714 STEP Sewer Transmission Main Project

To McDonald Excavating, Inc.
(Contractor)

You are hereby requested to comply with the following changes from the contract plans and specifications:

Description of Changes (Supplemental Plans and Specifications Attached)	Decrease in Contract Price	Increase in Contract Price
A. Water Main Break at STA 74+00 LUMP SUM -		\$ 25,000.00
B. Leaking Sanitary Main at STA 68+00 LUMP SUM -		\$ 6,743.68
C. Repair Storm Pipe – Not Located LUMP SUM -		\$ 1,207.41
D. Modify and Relocate Vault #4 - LUMP SUM -		\$ 9,500.00
E. Install 21" Line-Stop at NW 6 th and Joy Street – LUMP SUM		\$ 26,971.00
F. Replace 6" Water Main at NE 3 rd and 3 rd Place – LUMP SUM		\$ 36,719.00
G. Furnish and Install additional pipe & fittings associated with pipe route change at 3 rd Loop – L.S.		\$ 5,281.23
H. Furnish and Install 12" Diameter C-900 PVC Pipe and Thrust Block- Lump Sum		\$ 7,696.20
I. Furnish and Install 4" Ball Valve And Concrete Vault @ 6 th & Joy – Lump Sum		\$ 3,532.22
	Subtotal:	\$122,650.74
	8.4% Sales Tax:	\$10,302.66
	Net Change in Contract Price:	\$132,995.40

A) An existing steel water main was exposed near the intersection of NE 3rd Ave and NE 3rd Place. The pipe was severely corroded, in very poor condition, and began leaking badly. City Water Operations were dispatched immediately to get the water shut off. The valves serving this pipe were also in poor condition and it took about 90 minutes for City Crews to get the water shut-off. The running water flooded our 24" pipe trench and carried a large volume of sediment into the new sewer pipe. It took several days to clean all the sediment from the pipeline, and several pipeline sections were excavated and disassembled to facilitate sediment removed from the pipe. A 3rd-party Vactor Company, Iron Horse, was retained to clean and dispose of accumulated sediment removed from the pipeline. All of the necessary work was performed by the Contractor or his agents, and observed by the City Inspector. **B)** An existing 18" Sanitary Sewer Main was exposed at NE 3rd and Joy Street, and was cracked and leaking. The Contractor ordered, purchased, and installed a leak clamp on the leaking pipeline. The leak required the excavation to be backfilled and covered overnight until the proper parts could be found to make repairs. Work was observed and approved in the field by the City Inspector. **C)** The Contractor hit and severed an un-marked storm sewer pipe north of NE 3rd and Joy Street. The pipeline was repaired as directed by the City Inspector. **D)** Vault #4 was relocated about 20 feet farther north than the location shown on the plans. This was done to improve public safety. Approved by SRW **E)** The connection of the new 24" STEP Main at NW 6th and Joy required fabrication and installation of a new Line-Stop Assembly. This work was unexpected and was required due to inaccurate information on the existing As-Built Drawings. All work was observed and approved by the Project Engineer and City Inspector. **F)** The Contractor replaced a 6" watermain, and related valves and fittings, across NE 3rd Avenue, near the intersection of 3rd Place. **G)** Additional pipe and fittings were to re-route the pipeline at 3rd Loop. Approved by SD. **H)** 70 L.F. of 12" diameter restrained C-900 pipe was installed immediately south of the new 12" Plug Valve, and connected to new pipe flowing to a manhole. Approved JH. **I)** A new 4" Tru-union Ball Valve, related fittings, and concrete vault was installed at NE 6th and Joy Street. Approved by JH.

The amount of the contract will be **increased** by the sum of: One Hundred Thirty Two Thousand, Nine Hundred Ninety Five Dollars and 40/100's (\$132,995.40)

The contract total, including the original contract total, this and previous change orders will be **increased** to Two Million, Five Hundred Fifty Eight Thousand, Thirty One 00/100 Dollars (\$2,558,031.00)

The contract period provided for completion will be (**increased**) (decreased) (unchanged): **17 days**

This document will become a supplement to the contract and all provisions will apply hereto.

Requested _____	_____
Project Manager	Date
Recommended _____	_____
Engineering Manager	Date
Accepted _____	_____
Contractor	Date
Approved _____	_____
Mayor	Date