

RECEIVED
MAY 19 1981
CITY OF WILSONVILLE

RESOLUTION NO. CLXV (165)

RESOLUTION ADOPTING CHANGE ORDER #1 - INFILTRATION/INFLOW REPAIRS. JOB NO. IV-5-3a.

WHEREAS, the Wilsonville City Council has previously entered into a contract with Gelco Grouting Service of Salem, Oregon, for sanitary sewer one/one reduction Phase I, and it appearing that the Public Works Director, Larry Blanchard, by memo dated April 15, 1981, a copy of which is marked Exhibit "A", attached hereto and by reference incorporated herein, recommends acceptance of the Change Order #1 as set forth in the attachments to his memorandum in order to utilize the bid costs under the contract for repairs to the sewer system as indicated; and

WHEREAS, the City Council/Contract Review Board has reviewed the information and recommendation set forth by the City's Public Works Director in the April 15, 1981, memo; and

WHEREAS, the City Council Contract Review Board finds it is necessary to initiate the repairs indicated completely and immediately in order to prevent the infiltration/inflow from continuing in such large amounts so as to prevent an emergency from developing.

NOW, THEREFORE, THE CITY OF WILSONVILLE HEREBY RESOLVES, as follows:

To accept Change Order #1 as set forth in the City's Public Works Director's Memorandum of April 15, 1981, for a total

cost of \$20,699.00. Said additional funds to be transferred from the appropriate budget fund from which payment of the original contract came.

ADOPTED by the Wilsonville City Council at a regular meeting thereof this 18th day of May, 1981, and filed with the Wilsonville City Recorder this same date.


WILLIAM G. LOWRIE, Mayor

ATTEST:


DEANNA J. THOM, City Recorder

CITY OF WILSONVILLE

MEMO

April 15, 1981

DATE

TO: Mayor and City Council
Ed Davis - City Administrator

FROM: Larry Blanchard - Public Works Director *L.B.*

SUBJECT: Change Order #1 - Infiltration/Inflow repairs
Job No. IV-5-3a

While making the necessary Infiltration/Inflow repairs on this project numerous system leaks were located either by T.V. inspection or physical inspection. In order to eliminate any additional cost, which would include just noting the leak or repair needed and coming back at a later time to repair, those necessary repairs were completed immediately so as to utilize bid cost under the contract.

A number of areas showed indications of considerable amounts of infiltration and inflow, and in repairs, T.V. inspections were needed. Those additional T.V. inspections were utilized to locate and repair large amounts of infiltration/inflow.

The total cost of the change order is \$20,699.00 which brings the contract price to \$53,601.10. The wet months are now behind us and to do any further work until next winter would not be cost effective. Late this summer it is planned to do some intensive smoke testing in those areas which still indicate signs of leakage. Then again this fall and early winter flow monitoring to determine areas with high quantities of leakage. Then again in January, February 1982 another repair program to eliminate what problems were not solved under this project.

From all indications and from flows monitored at our Treatment Plant the approximate amount of Infiltration /Inflow eliminated by repairs made during this project were approximately 1 million gallons per day at a cost of \$.05/ gallon eliminated. The average household user discharges approximately 227 gallons/day. Taking the amount of infiltration eliminated and dividing by the average household use per day gives you a possible 4400 residential units eliminated from connection to the plant due to infiltration.

LB/mlm

EXHIBIT A

CONTRACT CHANGE ORDER

ORDER NO.	1
DATE	3-10-81
STATE	Oregon
COUNTY	Marion

CONTRACT FOR
Sanitary Sewer I/I Reduction Phase I

OWNER
City of Wilsonville, Oregon

To Gelco Grouting Service, Salem, Oregon

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

Description of Changes (Supplemental Plans and Specifications Attached)	DECREASE in Contract Price	INCREASE in Contract Price
1. Clean and TV 6" 884LF X 2.00/LF	\$	1768.00
2. Clean and TV 10" 3053LF X 1.70/LF		5190.10
3. Clean and TV 12" 5285LF X 1.90/LF		10041.50
4. Additional M.H. Repairs		2800.00
4-34: 300.00 4-26: 250.00		
4-34-A: 300.00 4-28: 300.00		
4-34-B: 300.00 4-29: 250.00		
4-14-G: 300.00 4-31: 300.00		
4-20: 250.00 4-30: 250.00		
5. Remove protruding taps: @ \$300.00 ea		900.00
MH 8C-3 - MH 8C-2		
8E-2 - 8E-1		
8E-1 - 8E		
TOTALS	\$	\$20699.60
NET CHANGE IN CONTRACT PRICE	\$	\$20699.60

JUSTIFICATION:

Additional work on sewer lines suspected of contributing high I/I to the system, including more manhole repairs.

The amount of the Contract will be ~~(Decreased)~~ (Increased) By The Sum Of: twenty thousand six hundred ninety nine and 60/100-----Dollars (~~\$---20,699.60---~~).

The Contract Total Including this and previous Change Orders Will Be: fifty three thousand six hundred one dollars and 10/100-----Dollars (~~\$---53601.10---~~).

The Contract Period Provided for Completion Will Be (Increased) ~~(Decreased)~~ 10 Days

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

Requested _____
Recommended _____
Accepted _____

2-25-81
2-25-81
2-25-81

(Owner)

(Date)

(Owner's Architect/Engineer)

(Date)

(Contractor)

(Date)