



Meeting Date: 08/01/18
Agenda Item: # _____

Mission Statement

To provide our growing dynamic community excellent municipal services to make Fernley a great place to live, work, and play. Together, we enhance the desirability, safety, friendliness, aesthetics and quality of life in our city.

CITY OF FERNLEY CITY COUNCIL MEETING STAFF REPORT

REPORT TO: Mayor & City Council
REPORT THRU: Daphne Hooper, City Manager
REPORT BY: Derek W. Starkey, PE, City Engineer
REVIEWED BY: Brandi Jensen, City Attorney
REVIEWED BY: Denise Lewis, Finance Director
AGENDA ITEM: **Possible Action to ratify Change Order Number One through Three for the Cedar Street Sanitary Sewer Rehabilitation Project, in an amount not to exceed \$76,390.91.**

ACTION REQUESTED: Consent Ordinance Resolution Motion Receive/File

RECOMMENDED ACTION BY CITY COUNCIL

Staff recommends the following action:

“I move to ratify Change Order Number One through Three for the Cedar Street Sanitary Sewer Rehabilitation Project, in an amount not to exceed \$76,390.91.”

Key Points:

1. These change orders are for additional work that came up during construction of the Cedar Street Sanitary Sewer Rehabilitation Project.
2. To prevent impacting the Project Construction Schedule, which would result in unnecessary and costly delays, Staff was allowed to move forward with CO No. 1-3, (for ratification by City Council at a later date).
3. Change Order No. 1 accounts for bypass pumping of additional flow in the existing system, not previously anticipated during design of the Project.
4. Change Order No. 2 addresses the increased costs to the Contractor associated with uncovering additional existing sewer laterals, and subsequent tie-in to the new main near STA: 14+67.
5. Change Order No. 3 accounts for the plan quantity variation between the original contract and actual quantities required to re-align the existing waterline near STA: 3+00.

POLICY REFERENCE

Nevada Statutes: NRS 338
Fernley Municipal Code: N/A
Policies & Procedure Manual: N/A
Community Assessment: N/A
Other: N/A

SUPPORTING INFORMATION

Staff advertised the Project and received bids in February of this year. The construction contract for the project was approved for award on March 21, 2018 and the work started on May 5, 2017.

Change Order No. 1

This change order covers the Contractor’s time, materials and equipment required to incorporate bypass pumping for additional flow, not previously anticipated during design of the Project. The increase in flow modified bypass pumping requirements, and resulted in slower production times for pipe installation.

Change Order No. 1 total cost = \$16,406.88

Change Order No. 2

This change order covers the Contractor’s time, materials and equipment associated with uncovering additional existing sewer laterals, and subsequent tie-in to the new main near STA: 14+67.

Change Order No. 2 total cost = \$51,776.03

Change Order No. 3

This change order accounts for the plan quantity variation between the original contract and actual quantities required to re-align the existing waterline near STA: 3+00, which was in conflict with the Contractor’s installation of the new sewer main.

Change Order No. 1 total cost = \$8,208.00

The approximate budget synopsis for the project is as follows:

FY 17/18 Budget:	\$350,000
Executed Contracts	
A.M. Engineering, Contract for Engineering Services	\$65,950
Lumos and Associates, Inc., Short Form Contract, Geotechnical Investigation and Final Report	\$7,000
Lumos and Associates, Inc., Materials Testing	\$21,065
Aspen Developers Corporation, Contract for Construction	\$454,297
5% Contingency, Contract for Construction	\$22,714.85

Total Proposed Expenditures: \$571,026.85

Amount Expended, to date:

A.M. Engineering, Contract for Engineering Services	\$61,942.50 (Invoice Outstanding)
Lumos and Associates, Inc., Short Form Geotech	\$5,417 (Actual)
Lumos and Associates, Materials Testing	\$5,892.50 (Invoice Outstanding)

Total Remaining Budget, Engineering and CM Services: \$20,763.00

Aspen Developers Corporation, Construction \$441,139 (Actual, Quantities installed in field)

CO No. 1	\$16,406.88
CO No. 2	\$51,776.03
CO No. 3	\$8,208.00
Total Contract Amount:	\$517,529.91

Total Remaining Budget, Contract for Construction: - \$40,518.06

Additional funding for the Project will come out of the reserve balance of the Wastewater Enterprise Fund. Staff recommends ratifying CO No. 1-3 to the Cedar Street Sanitary Sewer Rehabilitation Project, Contract for Construction.

FINANCIAL INFORMATION

FISCAL IMPACT:

- 1. Is There A Fiscal Impact? Yes
- 2. Is it Currently Budgeted? Yes
- 3. If Budgeted, Which Line Item/Account?

520-166-100 Construction in Progress

FISCAL SYNOPSIS:

The approved FY 17/18 budget for the Project is \$350,000.00. This Project will be paid for by the Wastewater Enterprise Fund.

BACKGROUND INFORMATION

In 2013 Staff utilized a contractor to clean and inspect the 8” sewer line beneath Cedar Street. The line is in the North portion of the City and extends from Highway 95A/50A East to Hardie Lane for a length of approximately 1,500 feet. Review of inspection video data revealed the line to be in very poor condition with exposed aggregate, sags, cracks, holes and root intrusion.

The FY 17/18 Project completed design and construction for replacement of the sewer line between Highway 95A and Hardie Lane. Staff estimates an approximate annual expenditure of \$5,000 was previously spent on City O&M activities, (mostly call-out services), related to this line. Replacement of the line will result in reduced annual O&M expenditures for the City, and an increase in capacity of the Wastewater System.

PRIOR COUNCIL ACTION/REVIEW

May 17, 2017, Discussion and possible action to staff regarding fiscal year 2017/2018 proposed budget including but not limited to; all funds and departments, budget process, timelines, existing budget, assessment and goals for next year, Motion passed.

July 05, 2017, Possible Action to approve a Contract for Engineering Services for the Cedar Street Sewer Rehabilitation Project, to A.M. Engineering, in an amount not to exceed \$65,950, Motion passed.

March 21, 2018, Possible Action to award two (2) Contracts for the Construction and associated Construction Services for the Cedar Street Sanitary Sewer Rehabilitation Project:

- 1.) Award of Contract for Construction to Aspen Developers Corporation, in an amount not to exceed \$454,297.00, plus a 5% contingency of \$22,714.85
- 2.) Award of Contract for Construction Services to Lumos and Associates, Inc., in an amount not to exceed \$21,065.00, Motion passed.

ATTACHED INFORMATION

- 1) Change Orders No. 1-3