

**CONSENT CALENDAR****Agenda Item # 2****AGENDA REPORT SUMMARY**

Meeting Date: February 26, 2019

Subject: Contract Amendment: Windimer Drive Storm Drain Ditch, Project CD-01012

Prepared by: Andrea Trese, Assistant Civil Engineer

Reviewed by: Aida Fairman, Interim Engineering Services Director

Approved by: Chris Jordan, City Manager

Attachment(s):

None

Initiated by:

City Council, CIP Project

Previous Council Consideration:

April 24, 2018 and September 25, 2018

Fiscal Impact:

Additional \$39,000, which includes \$33,000 of additional construction contingency funds and \$6,000 of additional design funds, which are available from the Annual Storm Drain Improvements budget (CD-01012).

Project Item	Original Project Budget	Amended Project Budget
Design	\$101,690	\$107,690
Construction	\$297,480	\$297,480
Inspection and testing services	\$50,000	\$50,000
Printing/Environmental Doc/Misc.	\$3,208	\$3,208
Construction contingency	\$44,622	\$77,622
Estimated Total Cost	\$497,000	\$536,000

Environmental Review:

Categorically Exempt pursuant to CEQA Section 15301(b).

Policy Question(s) for Council Consideration:

- None



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Summary:

- Several unanticipated conditions were identified during the construction of the project therefore, the total cost of change orders is anticipated to surpass the previously-allocated 15% (\$44,622)
- Solutions to the unanticipated issues may require additional design assistance therefore, the total cost of design required is anticipated to exceed the current contract (\$101,690)

Staff Recommendation:

Approve additional contingency funds not to exceed \$33,000 and authorize the City Manager to execute an amendment in the amount of \$6,000 to the contract with Cal Engineering & Geology, Inc. for design services



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Purpose

Approve additional contingency funds not to exceed \$33,000 and authorize the City Manager to execute an amendment in the amount of \$6,000 to the contract with Cal Engineering & Geology, Inc. for design services.

Background

The 2016 Stormwater Master Plan identified and prioritized areas for storm drainage infrastructure improvements. The Windimer drainage ditch improvement project was designated as a high priority in the Plan due to historic risk of flooding for nearby properties.

On August 5, 2016, the City Manager executed an agreement with Cal Engineering & Geology, Inc. (CE&G) for the design of the Windimer Drive Storm Drain Ditch, Project CD-01012 in the amount of \$74,278. On April 24, 2018, the Council approved Amendment No. 1 to the agreement with CE&G in the amount of \$27,412 for a total contract of \$101,690. On September 6, 2018, one bid was opened for the Windimer Drive Storm Drain Ditch, Project CD-01012. On October 30, 2018, the construction contract was executed with C2R Engineering, Inc. in the amount of \$297,480.

Discussion/Analysis

Several unanticipated conditions were identified during the construction of the project, including the need for an additional storm drain inlet to serve as overflow for the primary inlet located at the end of the ditch and to provide direct drainage for runoff from a property on Sierra Ventura Drive. Additional trees were impacted by the construction of a retaining wall on a property on Via Huerta, increasing the cost for removal and restoration. Those costs included removing the trees as well as an adjacent fence and baseboard to facilitate the tree removal. A fence along the ditch had to be removed at a property on Windimer Drive to facilitate construction. The existing fence materials were rotted and could not be reused to replace the fence after construction therefore, new materials for the fence were required. Other additional costs include closing small gaps between the new and existing retaining walls, increasing the height of one retaining wall at a property on Via Huerta, long-term erosion control measures on a property on Sierra Ventura Drive, and additional restoration work at another property on Sierra Ventura Drive to remove and replant a tree and re-stain a fence after new gate installation. Some of the items discussed above (additional inlet, long-term erosion control measures) are likely to require additional design assistance.



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Options

- 1) Approve additional contingency funds not to exceed \$33,000 and authorize the City Manager to execute an amendment to the contract with Cal Engineering & Geology, Inc. in the amount of \$6,000

Advantages: Provides funds to complete all necessary design and construction changes and additional restoration items

Disadvantages: None

- 2) Do not approve the additional contingency and design funds

Advantages: None

Disadvantages: Project restoration and necessary items cannot be completed

Recommendation

The staff recommends Option 1.