



Agenda Report

MEETING DATE: Tuesday, March 23, 2021

TO: City Council

FROM: PUBLIC WORKS & UTILITIES DIRECTOR PALMISANO
DANIELLE GREEN, PRINCIPAL ENGINEER

SUBJECT: CORRALITOS SAND FILTER ROOF REPLACEMENT PROJECT
WA-20-14348 CONTRACT CHANGE ORDER IN THE AMOUNT OF
\$238,383 TO ADD SEDIMENTATION BASIN ROOF

STATEMENT OF ISSUES:

The sedimentation basin structure adjacent to the Corralitos Sand Filter structure roof can be added to the scope of the project utilizing sustainably salvaged existing redwood from the sand filter roof demolition, thereby saving the City future costs.

RECOMMENDED ACTION:

It is recommended that City Council execute Contract Change Order Number 1 in the amount of \$238,383 with Top Line Engineers, Inc. to add the sedimentation basin roof replacement to the scope of the Corralitos Sand Filter Roof Replacement Project (WA-20-14348).

DISCUSSION:

The City owns and operates the Water Filtration Plant located on Eureka Canyon Road in Corralitos. The concrete sand filtration plant was constructed in 1930, and the wood plank roof was last replaced 34 years ago. The roof is splintering, cracking, and warped and has reached the end of its useful life.

The contract to replace the Sand Filter roof (Project WA-20-14348) was awarded to the lowest, responsive bidder, Top Line Engineers, Inc. in the amount of \$611,500. The adjacent sedimentation basin roof replacement was included as a bid add alternate in the contract documents, but was not awarded with the base bid due to budgetary considerations.

As the contractor has completed the demolition of the existing sand filter structure roof, it was determined that a sufficient quantity of existing lumber from the sand filter structure is in good, salvageable condition which could be utilized to save costs on the sedimentation basin roof replacement bid alternate. Staff asked the contractor to prepare a cost proposal to utilize the existing redwood from the sand filter roof demolition to replace the existing roof joists at the sedimentation basin in combination with purchasing and installing new redwood decking material. The cost proposal for this work is \$238,383, which is \$81,000 less than the \$319,950 cost in the bid alternate for purchasing and installing all new redwood materials.

This change order will reduce sedimentation basin roof replacement costs, eliminates the need for a future sedimentation basin roof replacement project in a few years, and sustainably utilizes the existing redwood material that otherwise would be disposed of.

It is recommended that Council execute the proposed Contract Change Order No 1 with Top Line Engineers, Inc. in the amount of \$238,383 to add the sedimentation basin roof replacement to the scope of the Sand Filter Roof Replacement, Project WA-20-14348.

STRATEGIC PLAN:

The scope that will be added via this change order is consistent with Goal 3: Infrastructure and Environment, Long-Range Capital Improvement Plan focus to replace aging facilities.

FINANCIAL IMPACT:

This change order can be funded by transferring \$238,383 from Budget Item 720-913-7855-14826 to Budget Item 720-913-7813-14348.

ALTERNATIVE ACTION:

Council could elect not to execute this Change Order. This would require a separate sedimentation basin roof replacement project to be undertaken in a few years. However, this would result in the sustainable salvaged lumber materials being unavailable for use to lower the project cost, making a future sedimentation basin roof replacement project at least \$81,000 more expensive than the proposed change order amount.

ATTACHMENTS AND/OR REFERENCES (If any):

None.