



AGENCY: MID
MEETING DATE: September 9, 2019
DEPARTMENT: Public Works
PRESENTED BY: John Smith
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AGENDA ITEM SUMMARY

TITLE:

Receive Report and Consider Adoption of Fort Bragg Municipal Improvement District Resolution Authorizing District Manager to Execute Contract Change Order No. 7 for the Wastewater Treatment Plant Upgrade Project, Project No. 2018-01, Increasing the Amount of the Construction Contract with Wahlund Construction, Inc. by \$144,028.34

ISSUE:

The Wastewater Treatment Plant Upgrade Project construction contract was awarded to Wahlund Construction, Inc. (Wahlund) on May 14, 2018. The contract amount is a lump sum amount of \$15,352,500. The effective date for the Notice to Proceed (NTP) was June 20, 2018. Cost savings throughout the project have provided funds for the repair of remaining equipment from the existing facility. Our ocean outfall requires some additional attention to ensure proper operation and extend its useful life.

ANALYSIS:

Wahlund began this project with cost saving ideas that would eventually turn into funds that would allow us to replace and/or fortify portions of the treatment process that would remain after construction. The savings have built up to a substantial amount, so much so that the funding agency overseeing the grant would like us to begin working toward spending these funds down. The contingency for the Project was \$835,400. The cost savings from the contractor and the construction management team has provided are an additional \$400,000. It is expected to be quite a challenge to spend down a contingency balance of \$1,240,000. This money will be spent very carefully on needed repairs or upgrades to the plant.

Our first project to utilize some of these dollars is requested for improved access of the wastewater outfall. Approval of this change order will allow better access for cleaning our outfall as well as protecting it from future infiltration of sand and debris. Currently we have a buildup of sediment from years of deferred maintenance. Contractors have been successful with removal of a large portion of the smaller debris in the line with smaller equipment. At this point, it is necessary to core drill holes in the outfall pipe to provide access for larger equipment for removal of the remaining material in the line. The scope of work also includes replacement of the rubber flapper valves with Tideflex duckbill check valves. These will prevent sand and rock from entering the diffuser ports during storm events.

For the outfall project, Wahlund Construction will subcontract with Underwater Resources Inc. (URI). In 2017, URI was the low bidder for the initial cleaning of the outfall diffuser ports. This project scope included use of a Venturi suction line to remove sand and debris. This project was successful, but was limited by the three-inch diffuser ports. The City sent out a second request for bid in 2018. URI was once again the low bidder for the project. The work included removal of the end gate to allow a larger access for the removal of the larger debris. The challenges with this work were the large boulders that were blocking the end gate. Relocation of these boulders was not possible due to the type of rock.

URI has been performing this type of work for decades. During past projects, they have been very professional with their work and provided thorough reports. With their background in marine construction, this project will be successful.

The scope of work for this change order has been reviewed and approved by Mike Starinsky of USDA. HDR Engineering, who is responsible for construction services for the Treatment Plant Upgrade, has provided input for the work. The State Water Resources Control Board requires this maintenance to be completed in order for proper discharge of our effluent.

RECOMMENDED ACTION:

Staff recommends the District Board adopt the attached Municipal Improvement District Resolution and authorize the District Manager to execute Project Change Order #7.

ALTERNATIVE ACTION(S):

None.

FISCAL IMPACT:

This will be an increase to the Wahlund contract and will reduce the project contingency. The project budget will remain the same.

GREENHOUSE GAS EMISSIONS IMPACT:

The impact will be emissions by vehicles transporting workers.

CONSISTENCY:

This project is consistent with the requirements of the State Water Resources Control Board and our National Pollution Discharge Elimination System Permit.

IMPLEMENTATION/TIMEFRAMES:

The project will begin after proper authorization of the work.

ATTACHMENTS:

1. Resolution
2. Change Order #7

NOTIFICATION:

1. Bret Rinehart – Wahlund Construction
2. Jason Island – SHN