

Agenda Item: 3.g

Meeting Date: December 4, 2025

MEMORANDUM

To: City Commission

Through: Jennifer K. Bramley, City Manager

From: Clay Watkins

Date: 2025-11-19

Subject: Award the construction of Bid #25-2536 WWTP Deep Bed Denitrification Filter Replacement Project to C&T Contracting Services, LLC, in the amount of \$2,915,010.

Presenter(s): Alejandro "Alex" Gonzalez, P.E., Engineer II, Utilities Department

Staff Recommendation: Commission to award the construction of Bid #25-2536 WWTP Deep Bed Denitrification Filter Replacement Project to C&T Contracting Services, LLC, of Tampa, FL, in the amount of \$2,915,010.

Strategic Themes: City Services & Infrastructure, Planning and Growth

Boards & Committees: N / A

Budget Impact: Funds for this project are budgeted in the Water/Wastewater Utility Fund, in Acct. #441-5265-535-056301-WU, under Project #522403. Additional funds are required to be transferred from Fund Balance in order to award the construction contract. A Budget Adjustment of \$1,446,258 will be brought before the Commission by the Finance Department for formal approval during a future Quarterly Update, resulting in a corresponding decrease to net position in the Utility Enterprise Fund.

Past Action: 1.) Commission awarded a General Engineering Consultant (GEC) Service Authorization to Ardurra Group, Inc, for professional services related to the WWTP Deep Bed Denitrification Filter Replacement Project for a lump sum fee of \$168,738 at their March 21, 2023 Work Session Meeting (under Agenda Item #2.d).

Next Action: Commence construction following the issuance of a 'Notice to Proceed' (NTP), subject to Commission approval of award recommendation.

Attachments:

[A.Purchasing Agent Memo - WWTP Deep Bed Denitrification Filter Replacement.pdf](#)
[B. Bid Tabulation.pdf](#)
[C. Engineer's Recommendation of Award.pdf](#)
[D. C&T Bidding Submittal.PDF](#)
[E. BA-BT Form - CT Contracting Svcs - WWTP Denite Filter 8 Media Rehab.pdf](#)

Background:

The Dunedin Wastewater Treatment Plant (WWTP) is equipped with four (4) deep bed denitrifying filters that were installed in 1991 and have been in service continuously since that time. The valves and pumps of the filtration system were rehabilitated in 2019. Over the last several years, Wastewater Operations staff have begun noticing the backwashing function of the filters is not evenly dispersed across all areas of the filter, indicating they may not be fully cleaned with each filter run.

In order to explore this concern, operations staff retained the services of the original equipment manufacturer (OEM), De Nora, in March 2023 to perform the annual process audit of the filtration system. The process audit included recommendations for the complete rebuild / rehabilitation of the existing filters as soon as possible in order to maintain the quality of the effluent produced by the filters.

As a result, this project was included in the Capital Improvement Plan (CIP) approved by Commission, and funded as the WWTP Facility 8, Filter Media and Basin Rehabilitation project. Staff subsequently selected and received Commission approval for Ardurra Group, Inc, one of the City's (GEC) General Engineering Services Consultants, to provide design, permitting, and construction management services for the rehabilitation of the filtration system, for a lump sum cost of \$168,738.

The Engineering Construction Plans were completed in January 2025, and the project (Bid #25-2509) was solicited / advertised for bids. Three (3) bids were submitted, however, all bids received were over budget; the prospective low bid being \$3,356,774. The City made a decision to rescind Bid #25-2509 and reduce the project's scope of work in an effort to bring costs within an acceptable range.

With a reduced scope of work, the project was competitively re-advertised and bid as described in the attached Purchasing Agent memorandum as Bid #25-2536. Three (3) bids were received, ranging in cost from \$2,915,010 to \$3,108,010. City staff, along with the 'Engineer of Record' (EOR), reviewed all of the bids and determined C&T Contracting Services, LLC, was the lowest, responsive and responsible bidder, in the amount of \$2,915,000.

Although still over budget, any continued efforts to further value-engineer or reduce project scope are not practical, and thus anticipated to be counter-productive. As such, the aforementioned Budget Adjustment to transfer available dollars from Fund Balance is proposed.

Therefore, staff hereby recommends Commission approval to award Bid #25-2536 for the WWTP Deep Bed Denitrification Filter Replacement Project to C&T Contracting Services, LLC, of Tampa, FL, in the amount of \$2,915,010, as detailed herein.